

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081419\
 Data File : VU033791.D
 Acq On : 14 Aug 2019 09:22
 Operator : JC/SP
 Sample : VSTD0.504
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 15 14:22:11 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	167488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	167440	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.47	152	81946	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10890	0.57	ug/L	0.00
7) Chloroethane-d5	1.67	69	8191	0.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	65	4766	0.55	ug/L	0.00
20) 2-Butanone-d5	4.21	46	12045	3.29	ug/L	0.02
24) Chloroform-d	4.62	84	15995	0.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	8679	0.59	ug/L	0.00
32) Benzene-d6	5.32	84	27471	0.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	8887	0.54	ug/L	0.00
41) Toluene-d8	7.55	98	23439	0.50	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	3166	0.49	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	9312	3.62	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.42	84	7757	0.55	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.85	152	9277	0.56	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	12076	0.497 ug/L	99
3) Chloromethane	1.32	50	12871	0.511 ug/L	98
5) Vinyl chloride	1.39	62	13289	0.484 ug/L	94
6) Bromomethane	1.62	94	7959	0.498 ug/L	97
8) Chloroethane	1.69	64	8373	0.516 ug/L	89
9) Trichlorofluoromethane	1.87	101	18203	0.484 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	9560	0.479 ug/L	94
12) 1,1-Dichloroethene	2.27	96	9962	0.516 ug/L	85
13) Acetone	2.61	43	4510	1.159 ug/L	77
14) Carbon disulfide	2.46	76	32867	0.501 ug/L #	93
15) Methyl Acetate	2.61	43	5707	0.562 ug/L	94
16) Methylene chloride	2.68	84	12490	0.554 ug/L	95
17) Methyl tert-butyl Ether	2.98	73	23836	0.477 ug/L	98
18) trans-1,2-Dichloroethene	2.96	96	10790	0.521 ug/L	96
19) 1,1-Dichloroethane	3.42	63	15674	0.484 ug/L	96
21) 2-Butanone	4.29	43	18559	3.866 ug/L	92
22) cis-1,2-Dichloroethene	4.20	96	8105	0.458 ug/L	89
23) Bromochloromethane	4.52	128	4212	0.497 ug/L	86
25) Chloroform	4.65	83	19122	0.548 ug/L	96
27) 1,2-Dichloroethane	5.39	62	10671	0.497 ug/L #	94
29) 1,1,1-Trichloroethane	4.89	97	13240	0.486 ug/L	98
30) Cyclohexane	4.97	56	10626	0.431 ug/L	97
31) Carbon tetrachloride	5.11	117	11606	0.479 ug/L	97
33) Benzene	5.37	78	31428	0.469 ug/L	100
34) Trichloroethene	6.17	95	8243	0.469 ug/L	96
35) Methylcyclohexane	6.39	83	11018	0.418 ug/L	94
37) 1,2-Dichloropropane	6.41	63	8663	0.479 ug/L #	97
38) Bromodichloromethane	6.74	83	11433	0.501 ug/L	95
39) cis-1,3-Dichloropropene	7.26	75	10485	0.429 ug/L	97
40) 4-Methyl-2-pentanone	7.45	43	40917	3.913 ug/L	98

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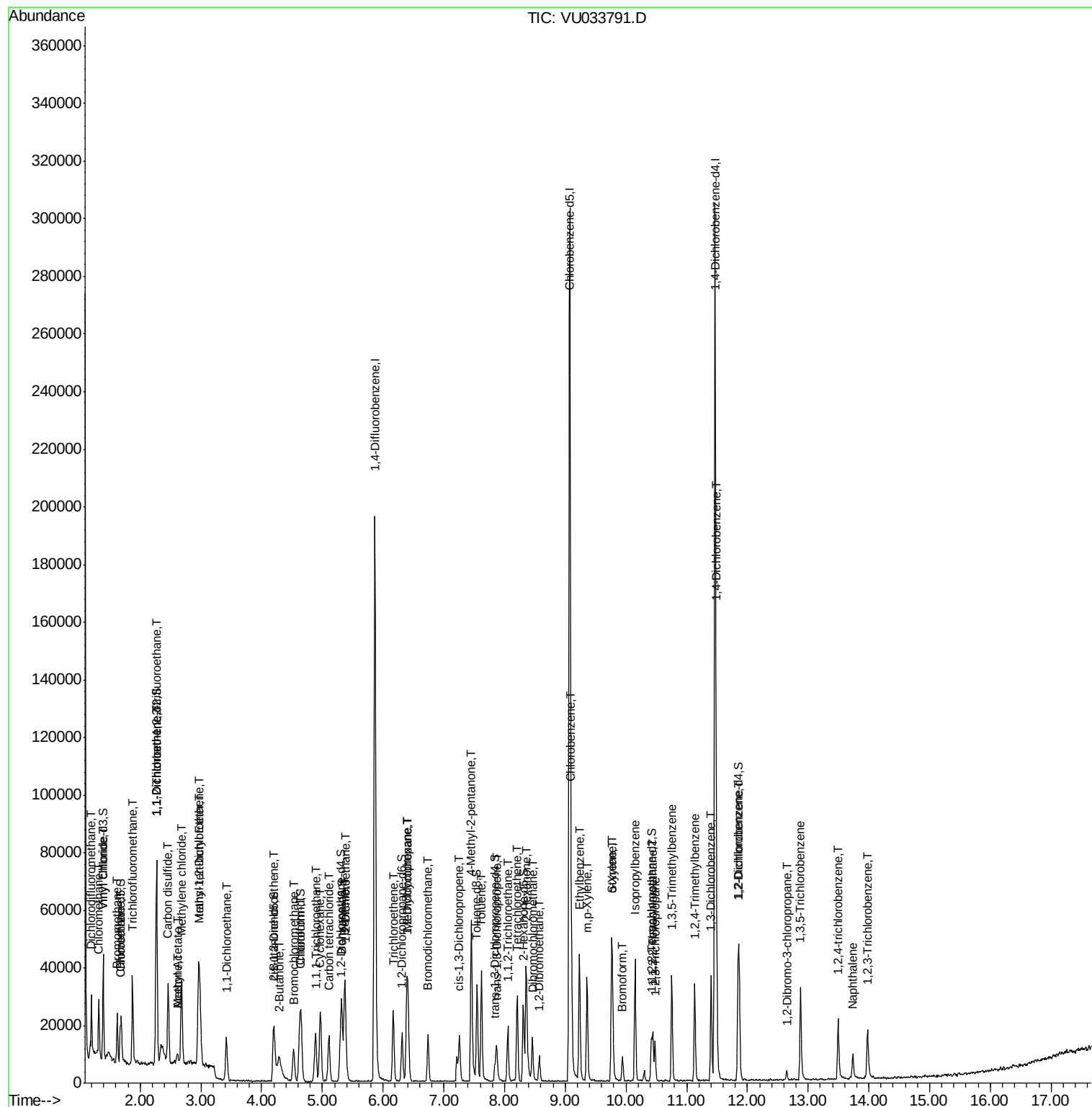
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

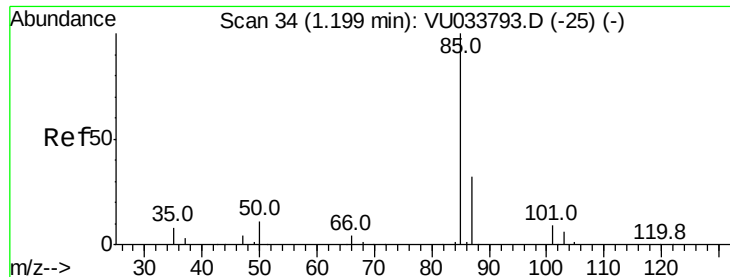
42) Toluene	7.62	91	29452	0.419	ug/L	97
44) trans-1,3-Dichloropropene	7.87	75	8555	0.419	ug/L	94
45) 1,1,2-Trichloroethane	8.05	97	6053	0.468	ug/L	97
47) Tetrachloroethene	8.21	164	7177	0.490	ug/L	90
48) 2-Hexanone	8.36	43	29696	3.926	ug/L	92
49) Dibromochloromethane	8.46	129	7279	0.464	ug/L	85
50) 1,2-Dibromoethane	8.58	107	5856	0.468	ug/L	93
51) Chlorobenzene	9.10	112	20777	0.459	ug/L	98
52) Ethylbenzene	9.23	91	29390	0.404	ug/L	99
53) m,p-Xylene	9.36	106	10576	0.385	ug/L	98
54) o-Xylene	9.76	106	9289	0.356	ug/L	94
55) Styrene	9.78	104	16163	0.357	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.44	83	8082	0.476	ug/L	94
59) Isopropylbenzene	10.15	105	25687	0.411	ug/L	98
60) Bromoform	9.94	173	4059	0.485	ug/L #	96
61) 1,2,3-Trichloropropane	10.48	75	5788	0.163	ug/L	96
62) 1,3,5-Trimethylbenzene	10.76	105	19166	0.378	ug/L	95
63) 1,2,4-Trimethylbenzene	11.13	105	18659	0.369	ug/L	100
64) 1,3-Dichlorobenzene	11.40	146	15287	0.458	ug/L	96
65) 1,4-Dichlorobenzene	11.49	146	16792	0.488	ug/L	97
67) 1,2-Dichlorobenzene	11.87	146	15317	0.475	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.65	75	1052	0.443	ug/L	96
69) 1,3,5-Trichlorobenzene	12.88	180	12583	0.479	ug/L	94
70) 1,2,4-trichlorobenzene	13.49	180	8090	0.396	ug/L	94
71) Naphthalene	13.73	128	9112	0.289	ug/L	97
72) 1,2,3-Trichlorobenzene	13.98	180	7301	0.379	ug/L	94

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

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#2

Dichlorodifluoromethane

Concen: 0.497 ug/L

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033791.D

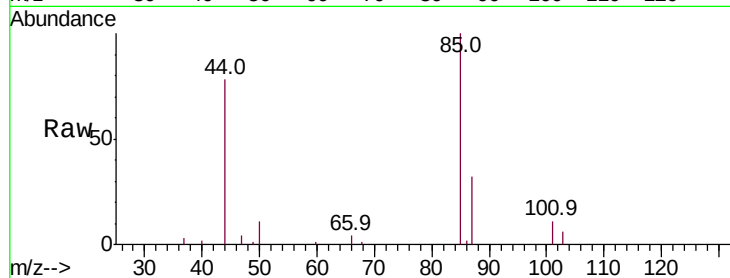
Acq: 14 Aug 2019 09:22

Tot Ion: 85 Resp: 12076

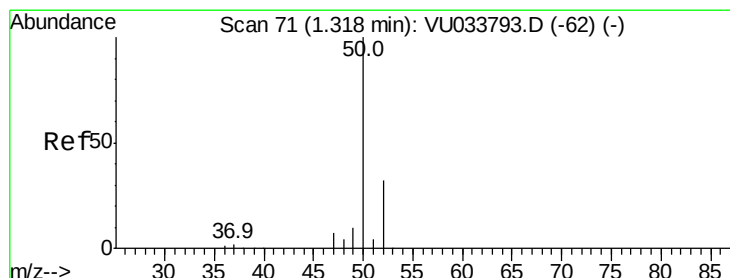
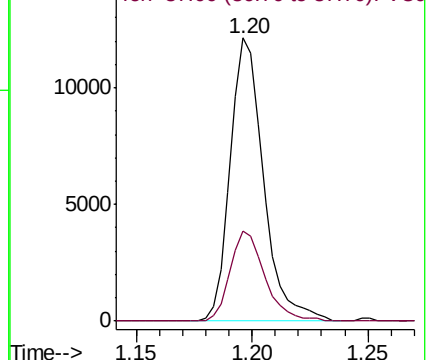
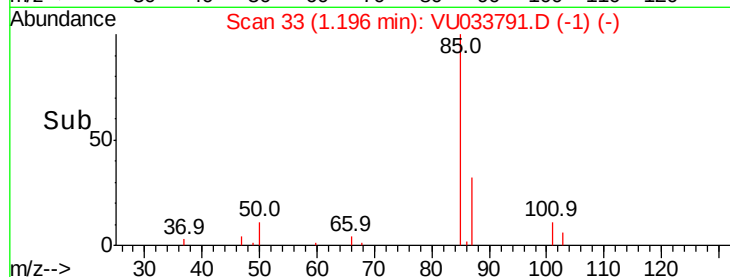
Ion Ratio Lower Upper

85 100

87 32.8 25.6 38.4



Abundance Ion 85.00 (84.70 to 85.70): VU033791.D (-1) (-)



#3

Chloromethane

Concen: 0.511 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VU033791.D

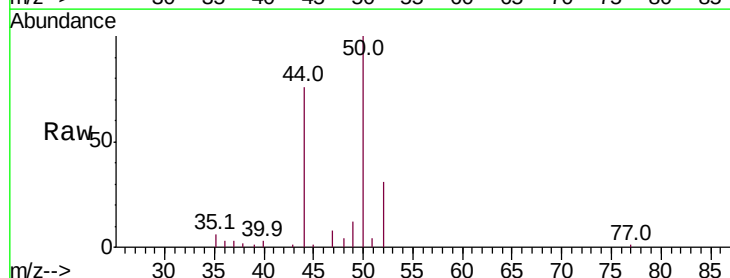
Acq: 14 Aug 2019 09:22

Tgt Ion: 50 Resp: 12871

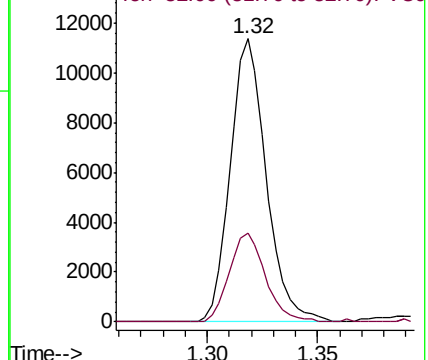
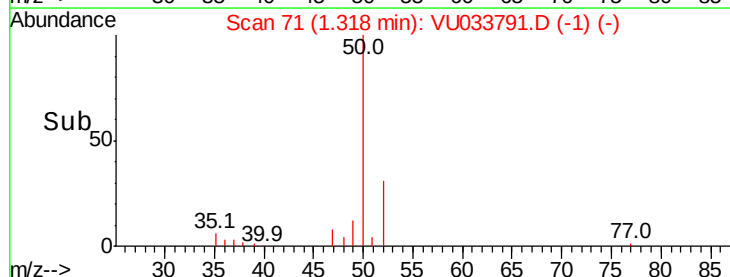
Ion Ratio Lower Upper

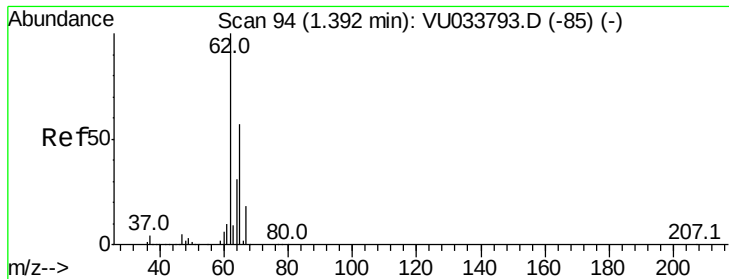
50 100

52 31.3 22.7 42.1



Abundance Ion 50.00 (49.70 to 50.70): VU033791.D (-1) (-)





#5

Vinyl chloride

Concen: 0.484 ug/L

RT: 1.39 min Scan# 94

Delta R.T. 0.00 min

Lab File: VU033791.D

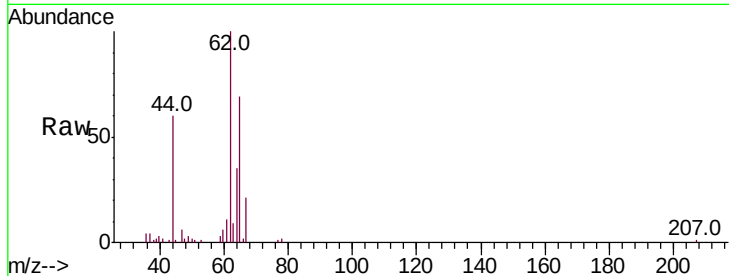
Acq: 14 Aug 2019 09:22

Tot Ion: 62 Resp: 13289

Ion Ratio Lower Upper

62 100

64 34.6 21.9 40.7



Abundance Ion 62.00 (61.70 to 62.70): VU033791.D (-85) (-)

Ion 64.00 (63.70 to 64.70): VU033791.D (-85) (-)

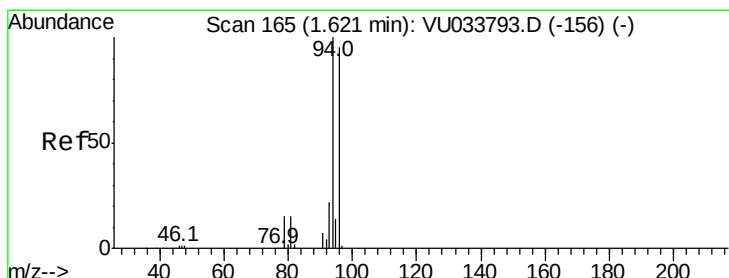
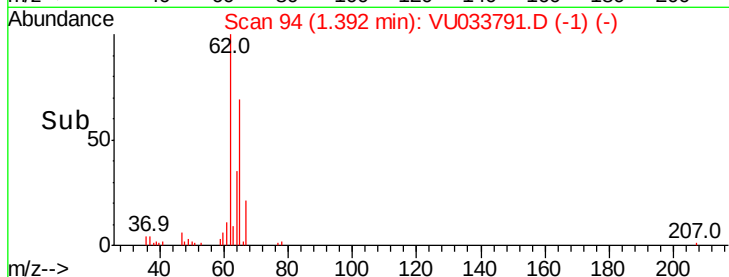
1.39

10000

5000

0

Time--> 1.35 1.40 1.45



#6

Bromomethane

Concen: 0.498 ug/L

RT: 1.62 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU033791.D

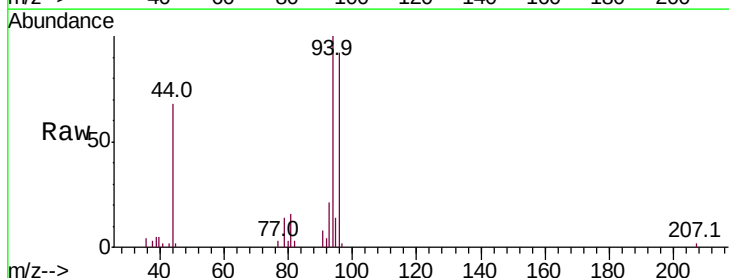
Acq: 14 Aug 2019 09:22

Tgt Ion: 94 Resp: 7959

Ion Ratio Lower Upper

94 100

96 91.6 66.4 123.2



Abundance Ion 94.00 (93.70 to 94.70): VU033791.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU033791.D (-156) (-)

1.62

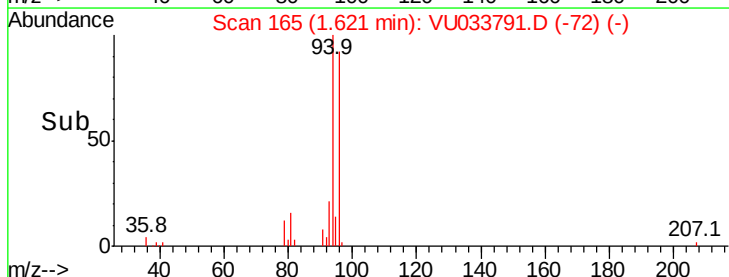
6000

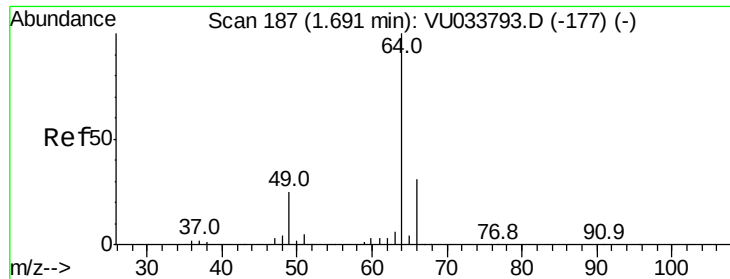
4000

2000

0

Time--> 1.55 1.60 1.65





#8

Chloroethane

Concen: 0.516 ug/L

RT: 1.69 min Scan# 186

Delta R.T. -0.00 min

Lab File: VU033791.D

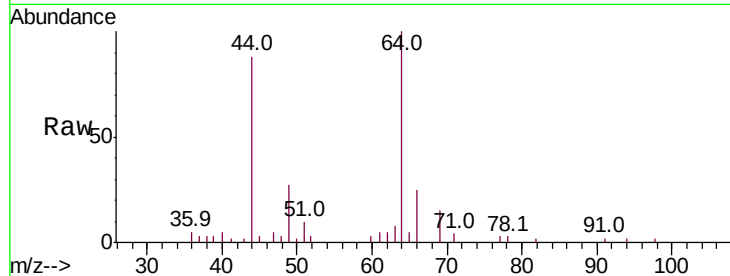
Acq: 14 Aug 2019 09:22

Tot Ion: 64 Resp: 8373

Ion Ratio Lower Upper

64 100

66 25.4 21.9 40.7



Abundance Ion 64.00 (63.70 to 64.70): VU033791.D (-177) (-)

Ion 66.00 (65.70 to 66.70): VU033791.D (-177) (-)

1.69

6000

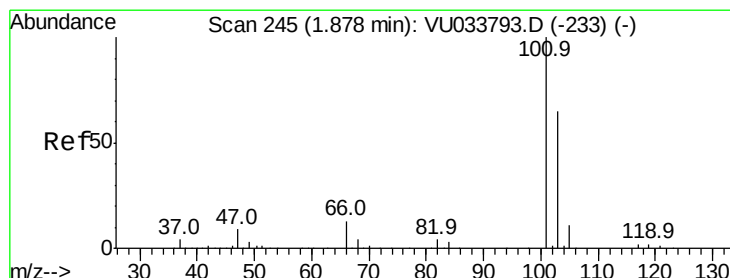
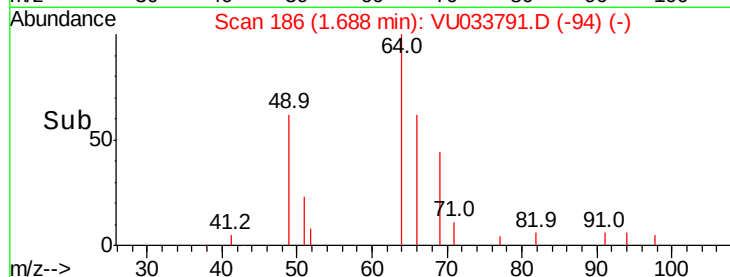
4000

2000

0

1.65 1.70 1.75

Time-->



#9

Trichlorofluoromethane

Concen: 0.484 ug/L

RT: 1.87 min Scan# 244

Delta R.T. -0.00 min

Lab File: VU033791.D

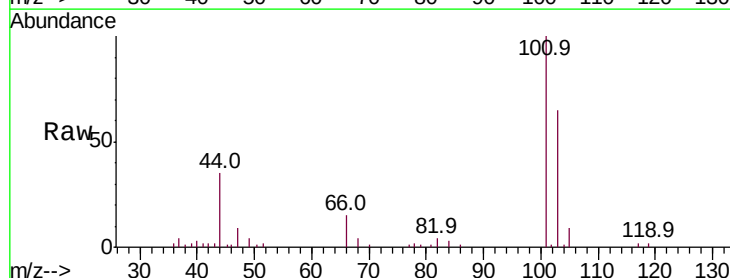
Acq: 14 Aug 2019 09:22

Tgt Ion: 101 Resp: 18203

Ion Ratio Lower Upper

101 100

103 63.1 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): VU033791.D (-192) (-)

Ion 103.00 (102.70 to 103.70): VU033791.D (-192) (-)

1.87

15000

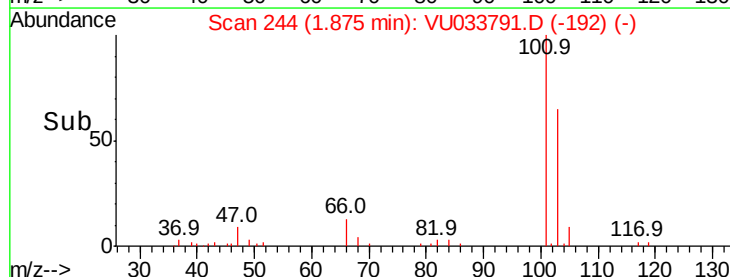
10000

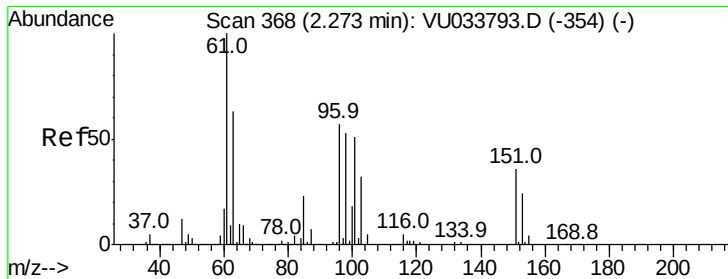
5000

0

1.85 1.90

Time-->





#10

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

Concen: 0.479 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

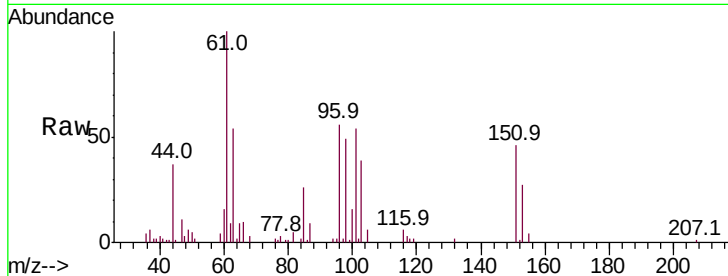
Tot Ion:101 Resp: 9560

Ion Ratio Lower Upper

101 100

85 43.4 36.2 54.2

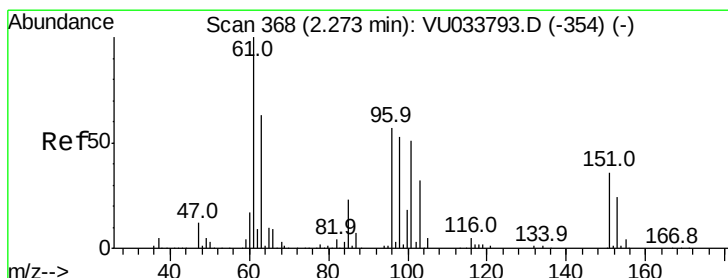
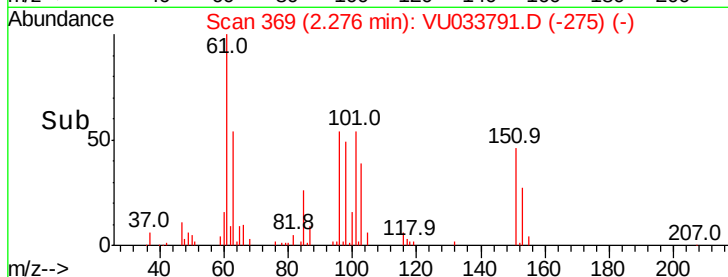
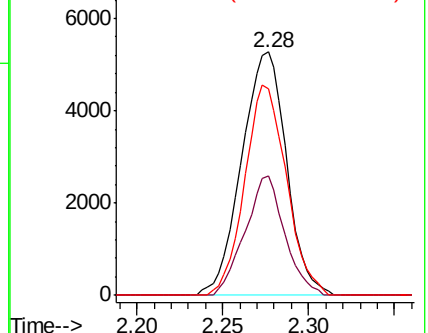
151 80.3 58.7 88.1



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: 0.516 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

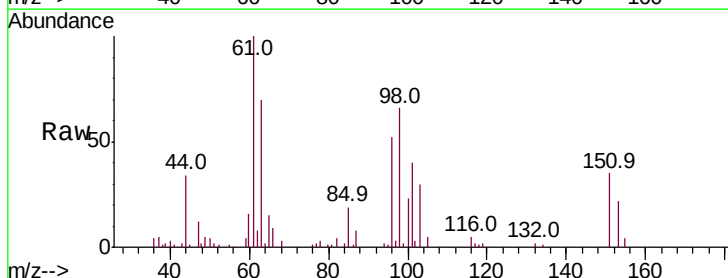
Tgt Ion: 96 Resp: 9962

Ion Ratio Lower Upper

96 100

61 191.7 123.8 230.0

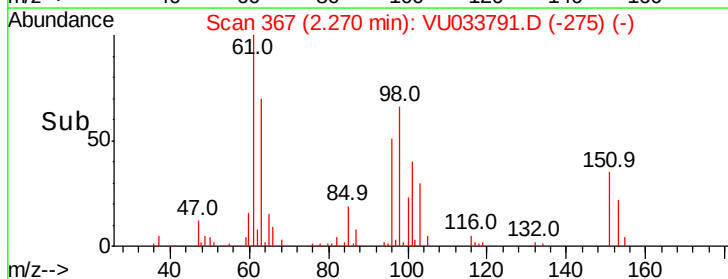
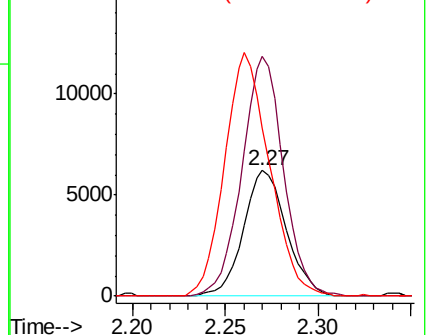
63 133.9 78.0 144.9

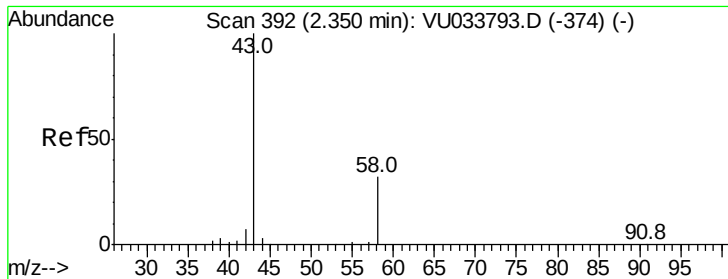


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 1.159 ug/L

RT: 2.61 min Scan# 474

Delta R.T. 0.26 min

Lab File: VU033791.D

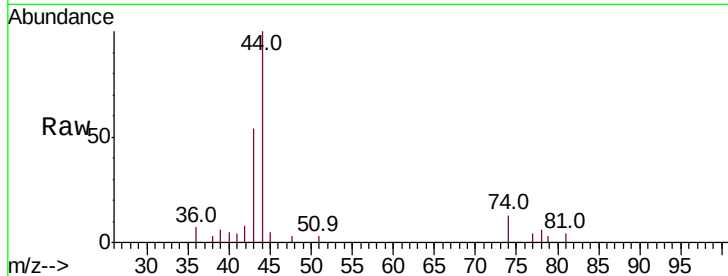
Acq: 14 Aug 2019 09:22

Tot Ion: 43 Resp: 4510

Ion Ratio Lower Upper

43 100

58 4.2 0.0 27.0



Abundance Ion 43.00 (42.70 to 43.70): VU033791.D (-374) (-)

Ion 58.00 (57.70 to 58.70): VU033791.D (-374) (-)

2500

2000

1500

1000

500

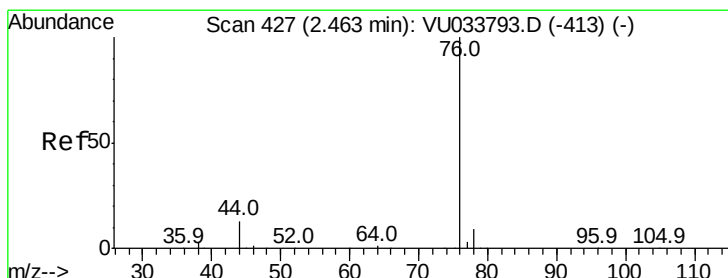
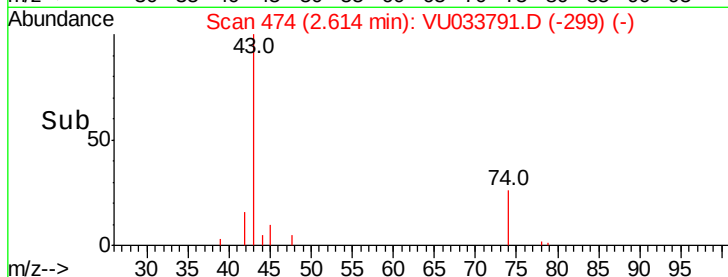
0

2.55

2.60

2.65

Time-->



#14

Carbon disulfide

Concen: 0.501 ug/L

RT: 2.46 min Scan# 427

Delta R.T. 0.00 min

Lab File: VU033791.D

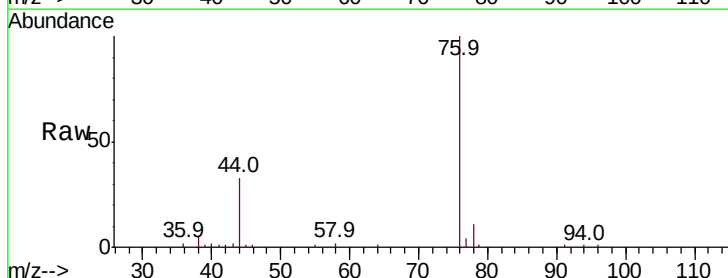
Acq: 14 Aug 2019 09:22

Tgt Ion: 76 Resp: 32867

Ion Ratio Lower Upper

76 100

78 11.4 7.2 10.8#



Abundance Ion 76.00 (75.70 to 76.70): VU033791.D (-413) (-)

Ion 78.00 (77.70 to 78.70): VU033791.D (-413) (-)

20000

15000

10000

5000

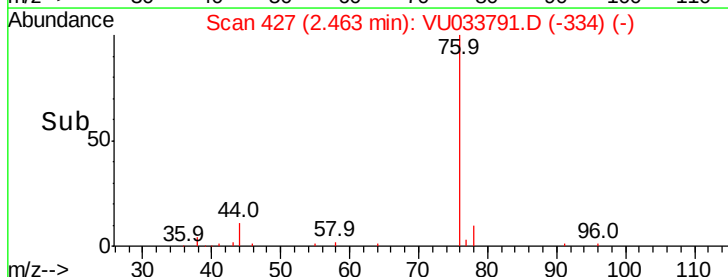
0

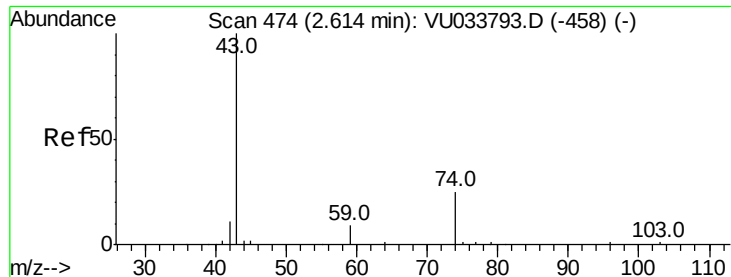
2.40

2.45

2.50

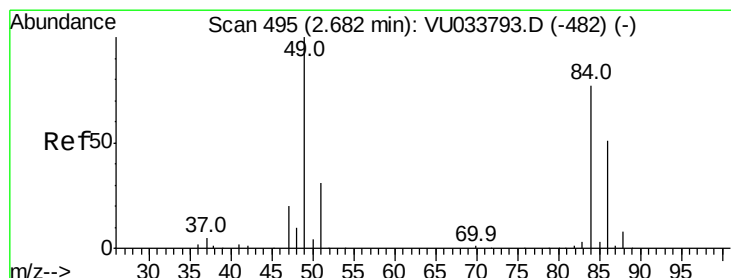
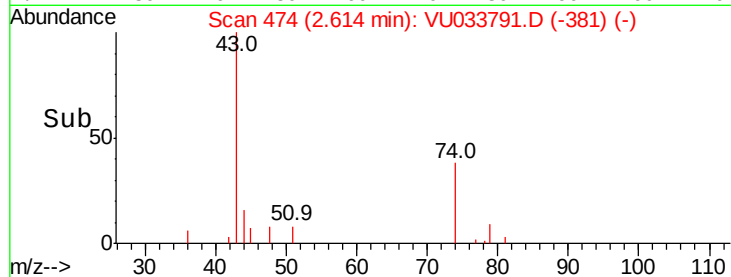
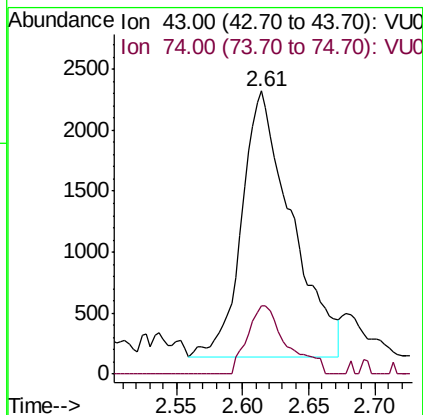
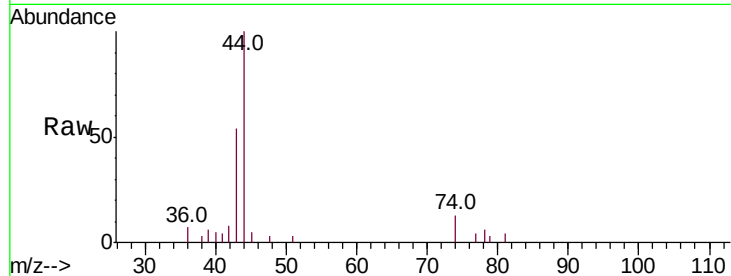
Time-->





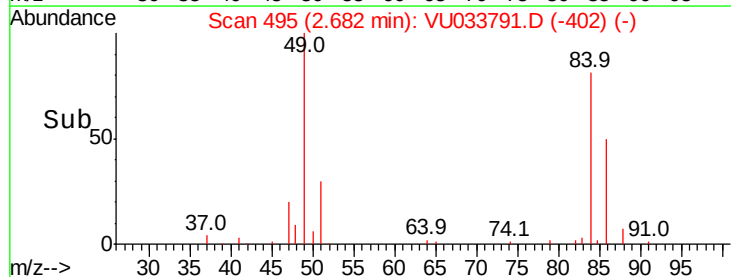
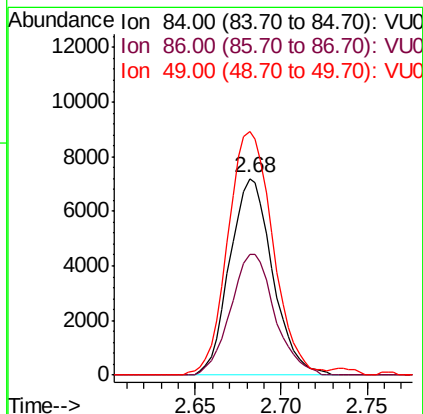
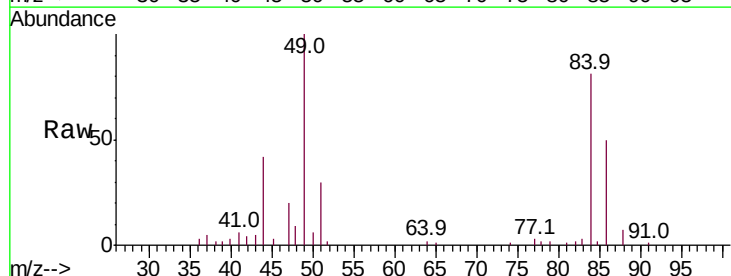
#15
Methvl Acetate
Concen: 0.562 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

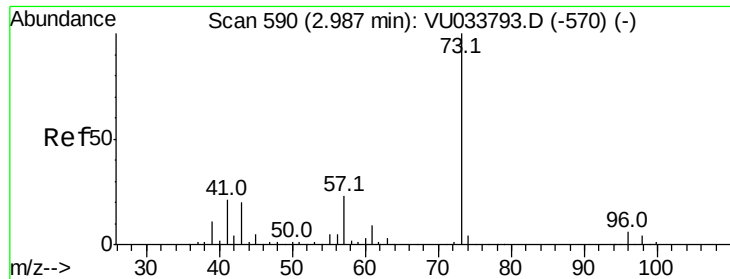
Tot Ion: 43 Resp: 5707
Ion Ratio Lower Upper
43 100
74 20.5 18.8 28.2



#16
Methylene chloride
Concen: 0.554 ug/L
RT: 2.68 min Scan# 495
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tgt Ion: 84 Resp: 12490
Ion Ratio Lower Upper
84 100
86 61.4 46.0 85.4
49 123.8 90.4 168.0

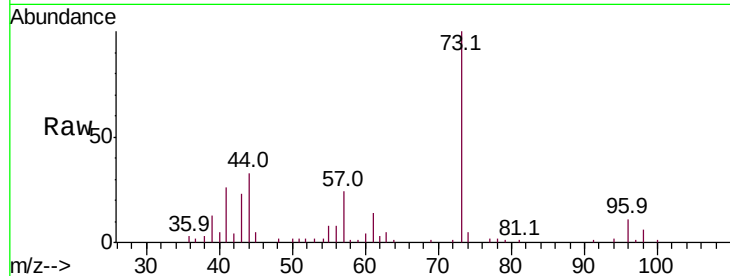




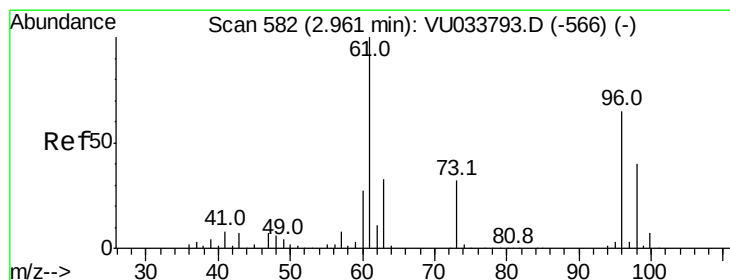
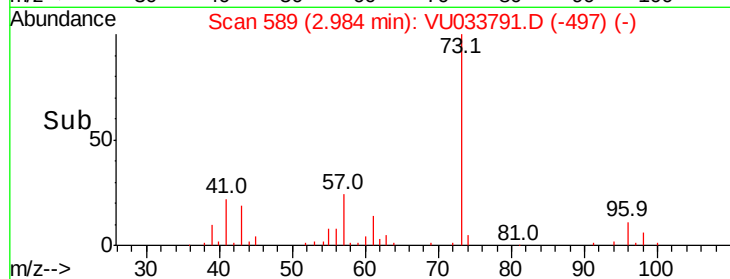
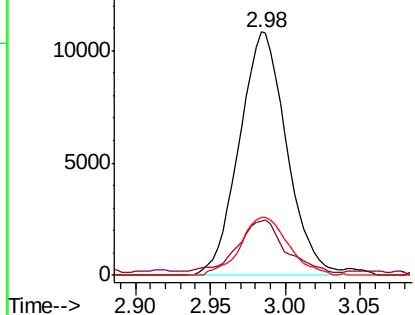
#17

Methyl tert-butyl Ether
 Concen: 0.477 ug/L
 RT: 2.98 min Scan# 589
 Delta R.T. -0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tot Ion:	73	Resp:	23836
Ion	Ratio	Lower	Upper
73	100		
43	21.6	16.2	24.4
57	24.1	18.9	28.3



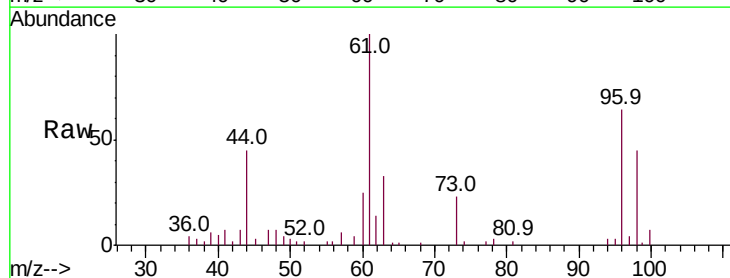
Abundance Ion 73.00 (72.70 to 73.70): VU0
 Ion 43.00 (42.70 to 43.70): VU0
 Ion 57.00 (56.70 to 57.70): VU0



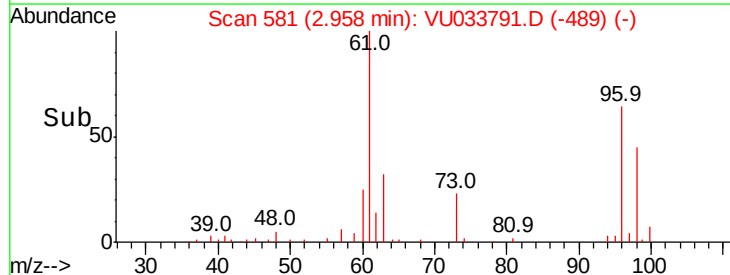
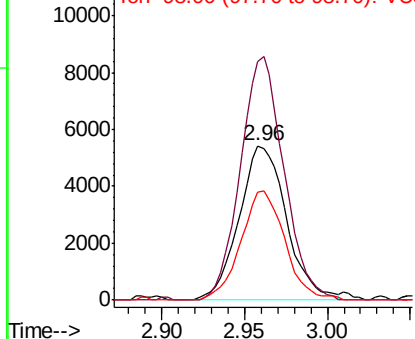
#18

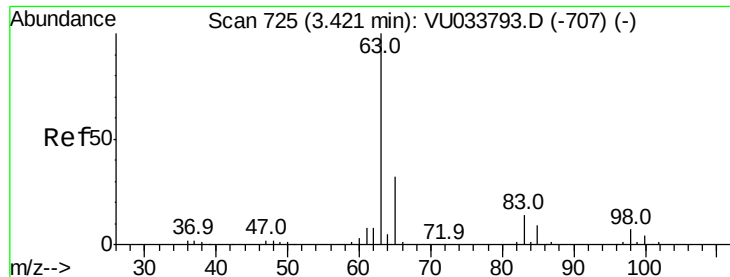
trans-1,2-Dichloroethene
 Concen: 0.521 ug/L
 RT: 2.96 min Scan# 581
 Delta R.T. -0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion:	96	Resp:	10790
Ion	Ratio	Lower	Upper
96	100		
61	155.1	107.2	199.0
98	70.3	43.0	79.8



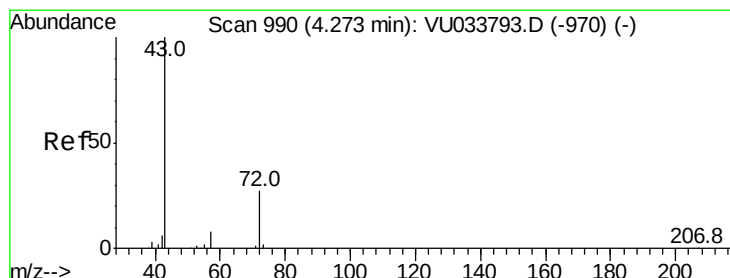
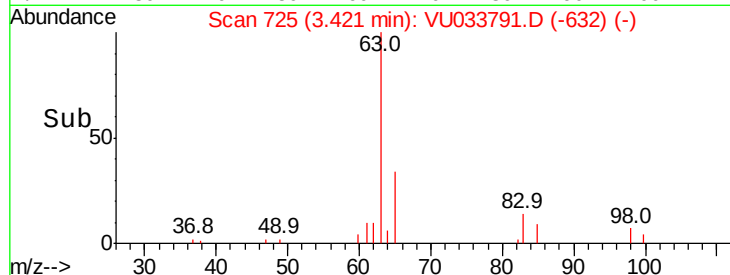
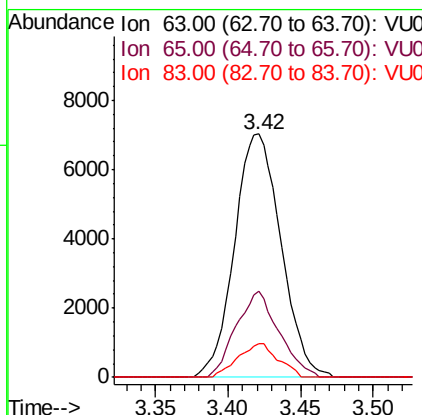
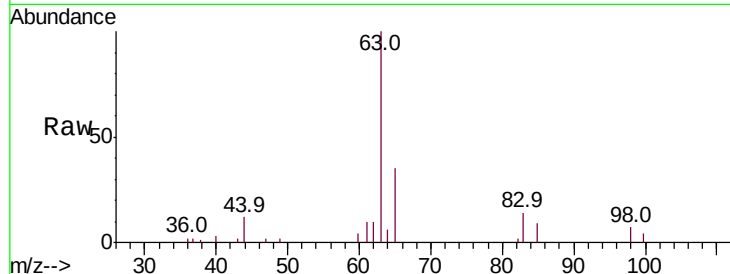
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0





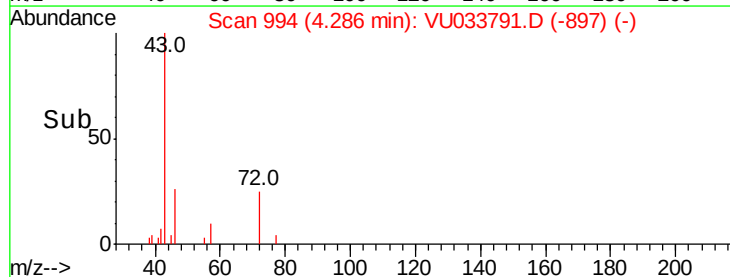
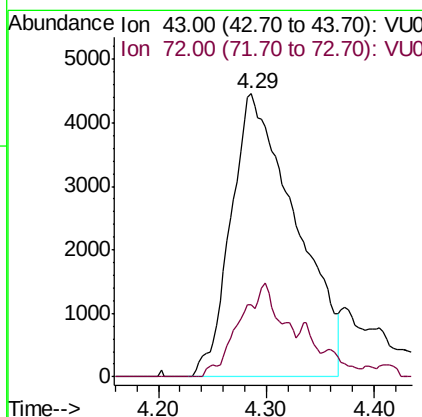
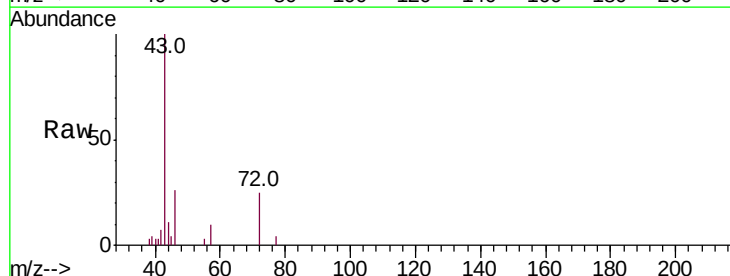
#19
 1,1-Dichloroethane
 Concen: 0.484 ug/L
 RT: 3.42 min Scan# 725
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

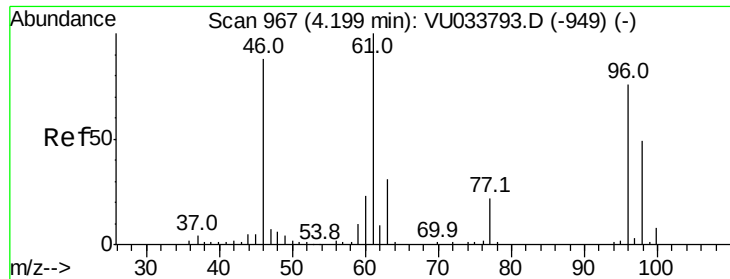
Tot Ion:	63	Resp:	15674
Ion	Ratio	Lower	Upper
63	100		
65	35.4	22.4	41.6
83	14.0	9.7	17.9



#21
 2-Butanone
 Concen: 3.866 ug/L
 RT: 4.29 min Scan# 994
 Delta R.T. 0.01 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion:	43	Resp:	18559
Ion	Ratio	Lower	Upper
43	100		
72	22.1	13.1	39.1

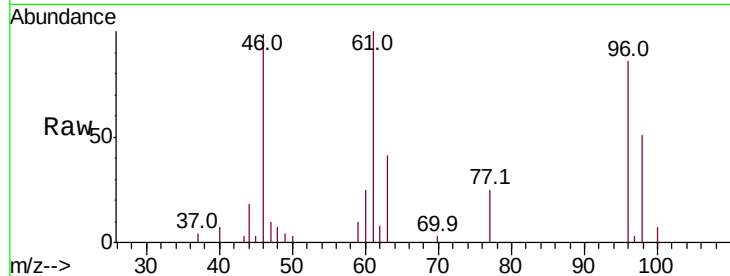




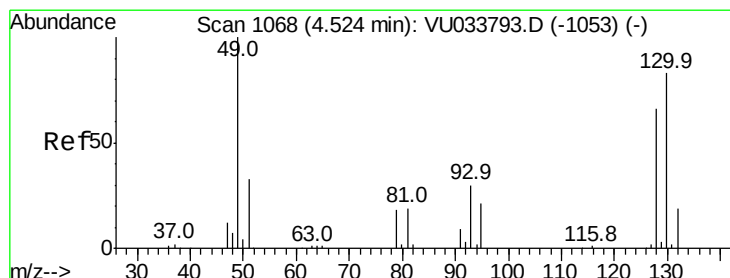
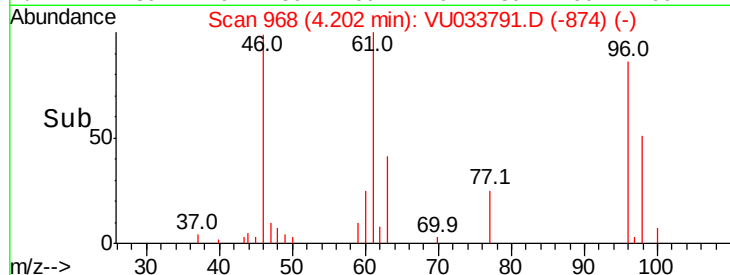
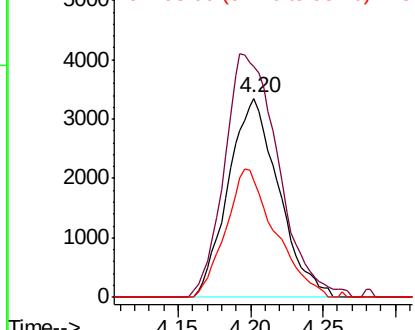
#22

cis-1,2-Dichloroethene
 Concen: 0.458 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tot Ion: 96 Resp: 8105
 Ion Ratio Lower Upper
 96 100
 61 115.8 91.7 170.3
 98 58.9 45.1 83.9



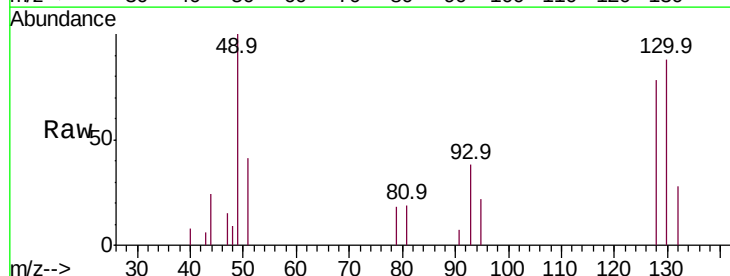
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.00 (60.70 to 61.70): VU0
 Ion 98.00 (97.70 to 98.70): VU0



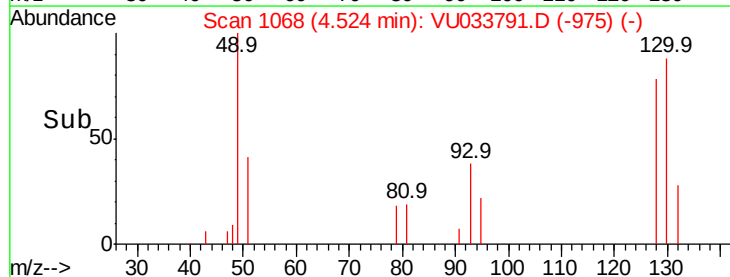
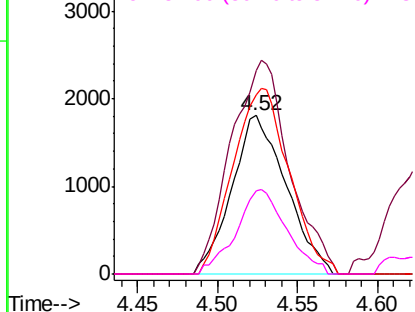
#23

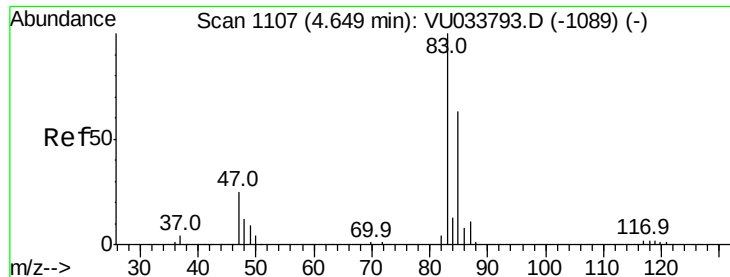
Bromochloromethane
 Concen: 0.497 ug/L
 RT: 4.52 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion: 128 Resp: 4212
 Ion Ratio Lower Upper
 128 100
 49 128.6 106.8 198.4
 130 113.1 88.3 164.1
 51 52.7 40.3 60.5



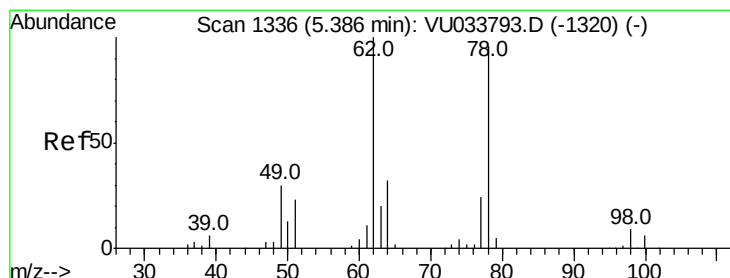
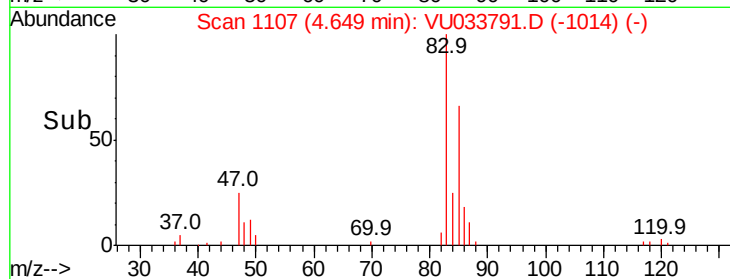
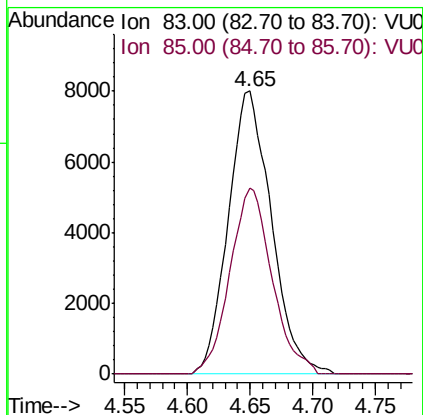
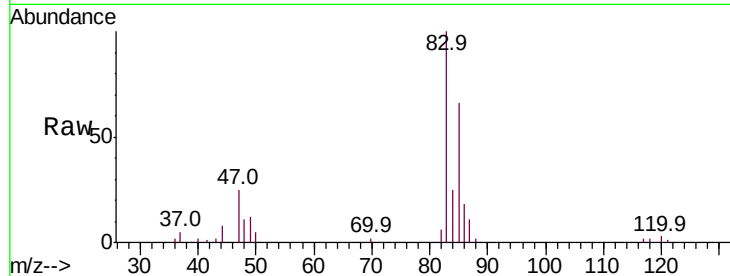
Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VU0
 Ion 130.00 (129.70 to 130.70): V
 Ion 51.00 (50.70 to 51.70): VU0





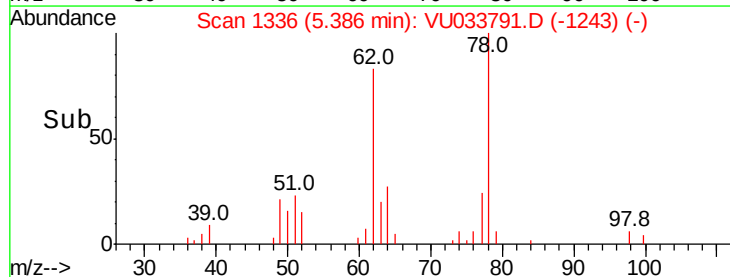
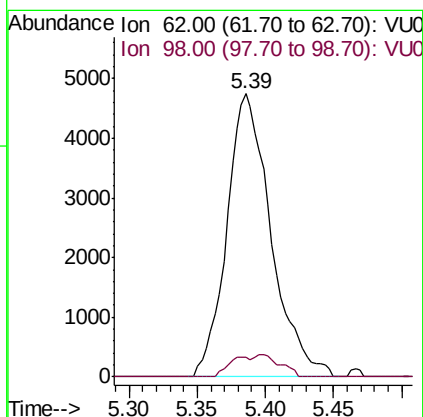
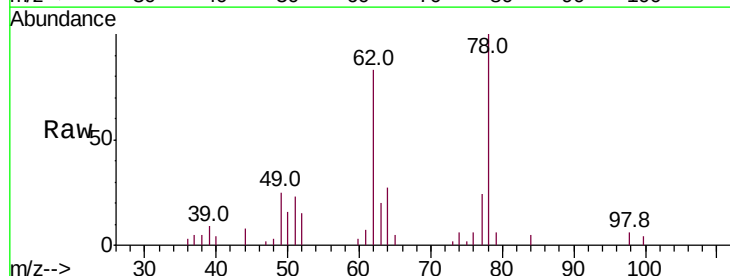
#25
Chloroform
Concen: 0.548 ug/L
RT: 4.65 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

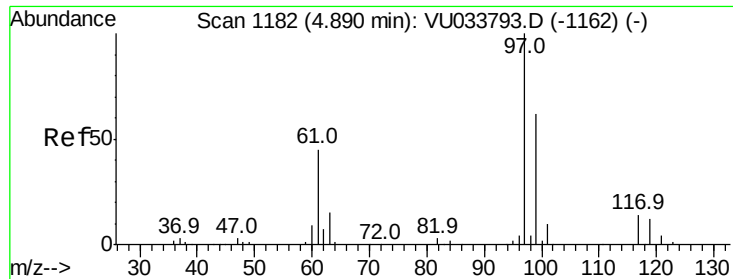
Tot Ion: 83 Resp: 19122
Ion Ratio Lower Upper
83 100
85 66.0 44.2 82.0



#27
1,2-Dichloroethane
Concen: 0.497 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

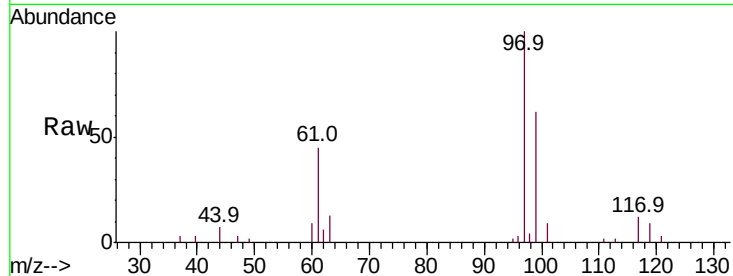
Tgt Ion: 62 Resp: 10671
Ion Ratio Lower Upper
62 100
98 7.0 7.4 11.0#





#29
 1,1,1-Trichloroethane
 Concen: 0.486 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tot Ion	97	Resp	13240
Ion Ratio	Lower	Upper	
97	100		
99	65.2	50.8	76.2
61	47.8	37.4	56.0

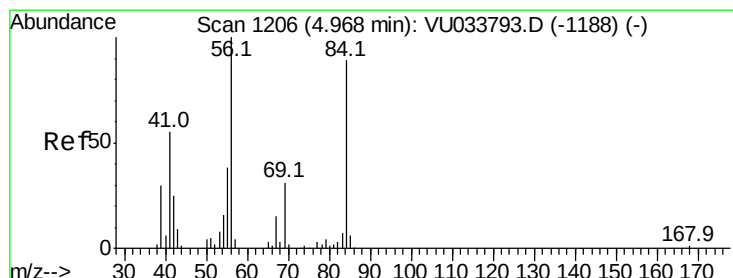
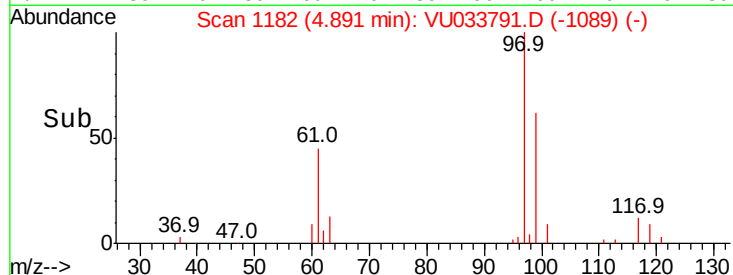
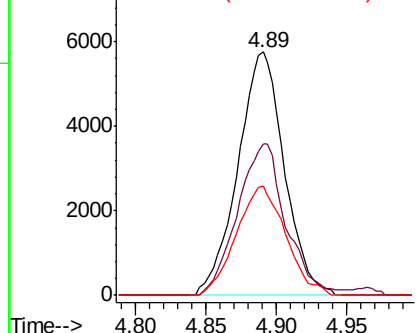


Abundance

Ion 97.00 (96.70 to 97.70): VU0

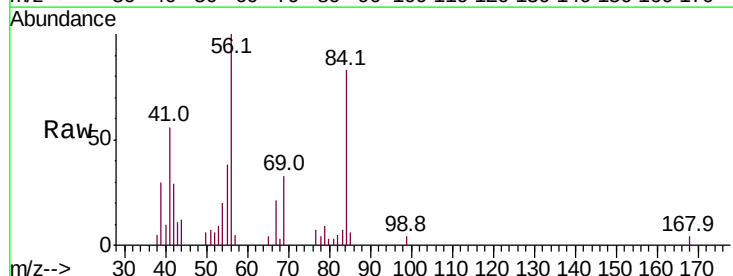
Ion 99.00 (98.70 to 99.70): VU0

Ion 61.00 (60.70 to 61.70): VU0



#30
 Cyclohexane
 Concen: 0.431 ug/L
 RT: 4.97 min Scan# 1206
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion	56	Resp	10626
Ion Ratio	Lower	Upper	
56	100		
69	31.0	25.2	37.8
84	84.2	69.8	104.6

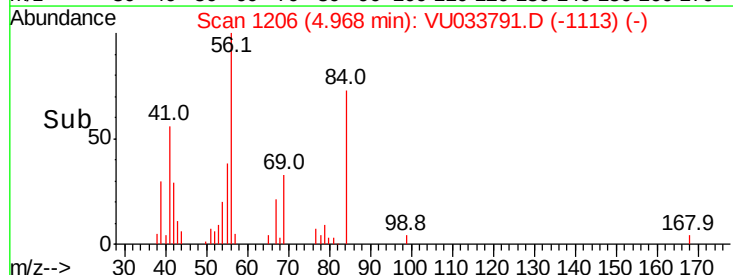
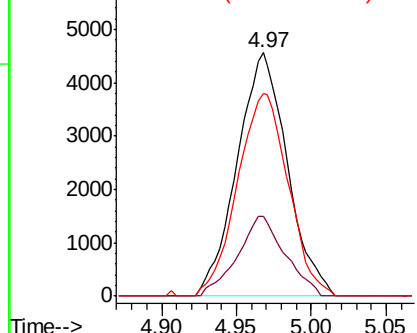


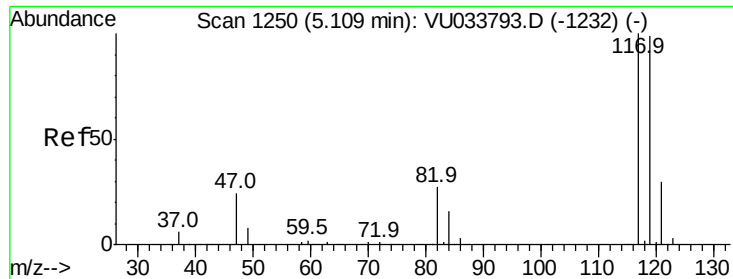
Abundance

Ion 56.00 (55.70 to 56.70): VU0

Ion 69.00 (68.70 to 69.70): VU0

Ion 84.00 (83.70 to 84.70): VU0





#31

Carbon tetrachloride

Concen: 0.479 ug/L

RT: 5.11 min Scan# 1250

Delta R.T. 0.00 min

Lab File: VU033791.D

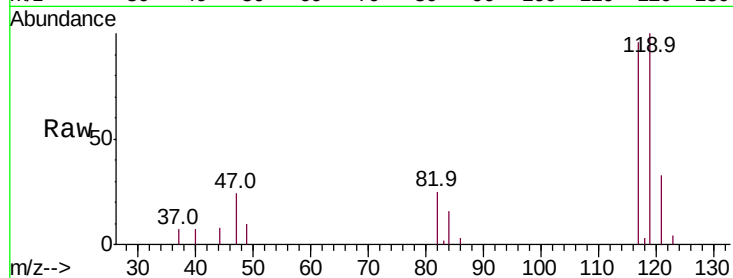
Acq: 14 Aug 2019 09:22

Tot Ion:117 Resp: 11606

Ion Ratio Lower Upper

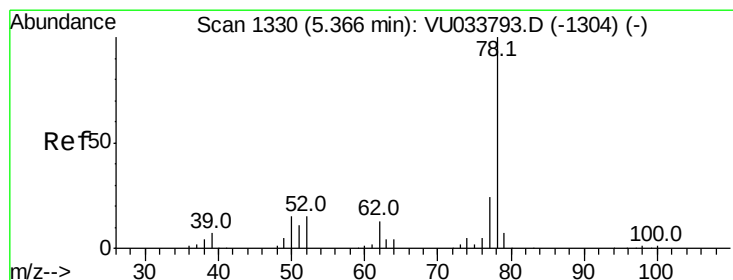
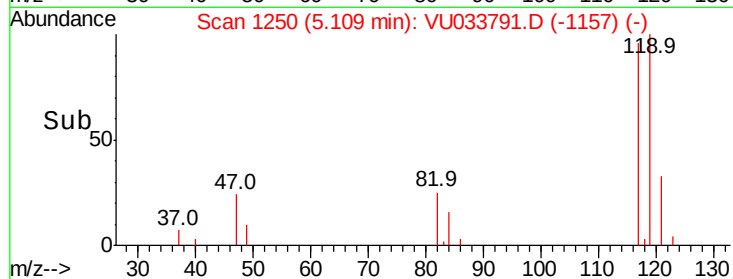
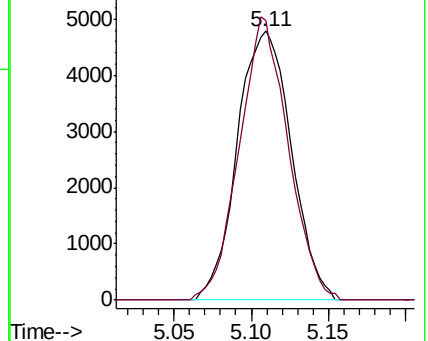
117 100

119 95.3 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: 0.469 ug/L

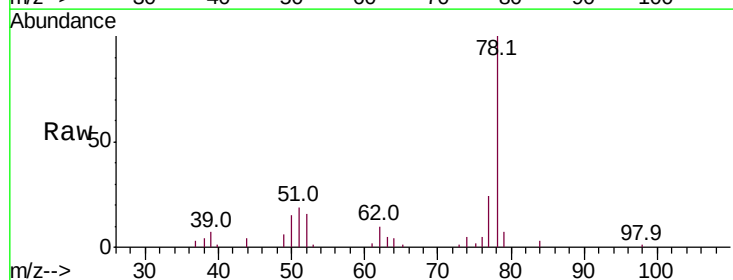
RT: 5.37 min Scan# 1330

Delta R.T. 0.00 min

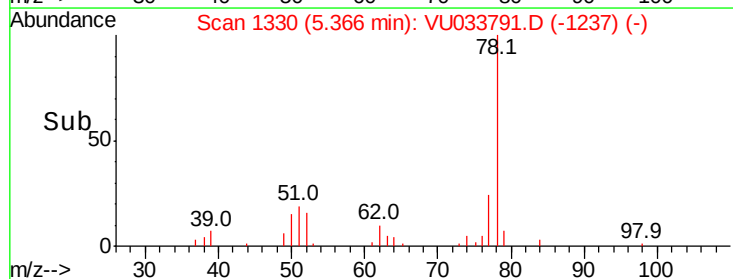
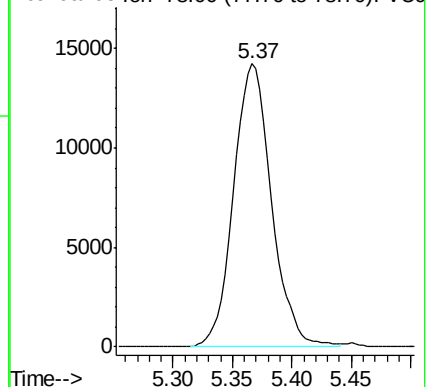
Lab File: VU033791.D

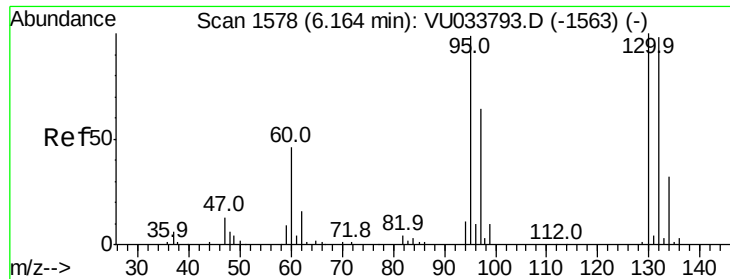
Acq: 14 Aug 2019 09:22

Tgt Ion: 78 Resp: 31428



Abundance Ion 78.00 (77.70 to 78.70): VU0





#34

Trichloroethene

Concen: 0.469 ug/L

RT: 6.17 min Scan# 1579

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

Tot Ion: 95 Resp: 8243

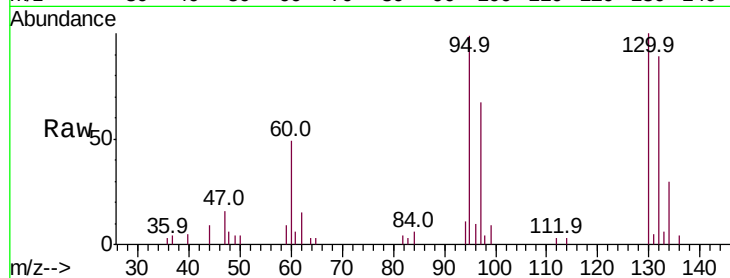
Ion Ratio Lower Upper

95 100

97 67.4 45.4 84.4

132 89.6 68.9 127.9

130 101.1 70.5 130.9

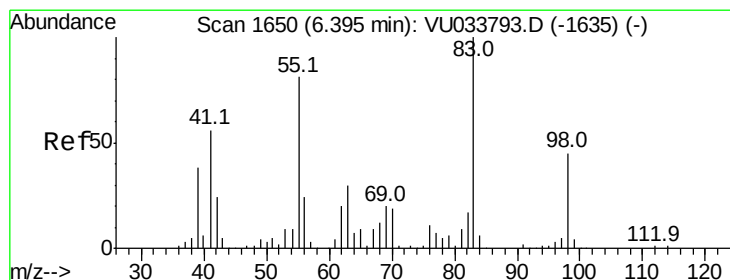
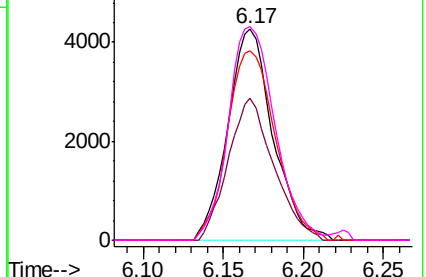
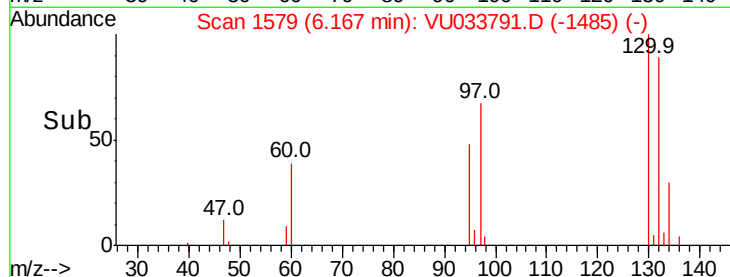


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.418 ug/L

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

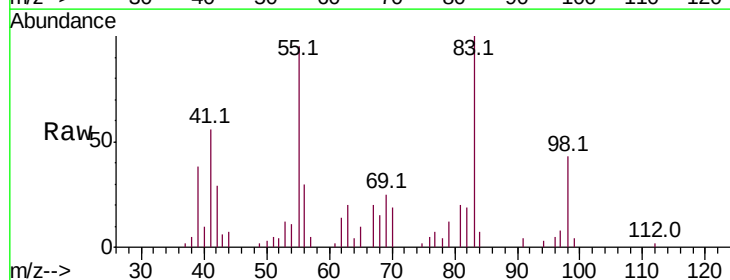
Tgt Ion: 83 Resp: 11018

Ion Ratio Lower Upper

83 100

55 86.7 65.0 97.6

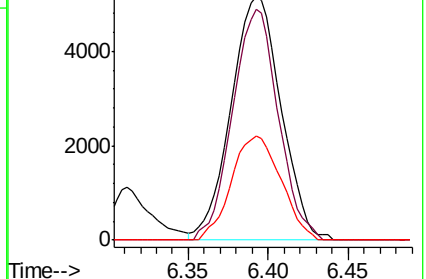
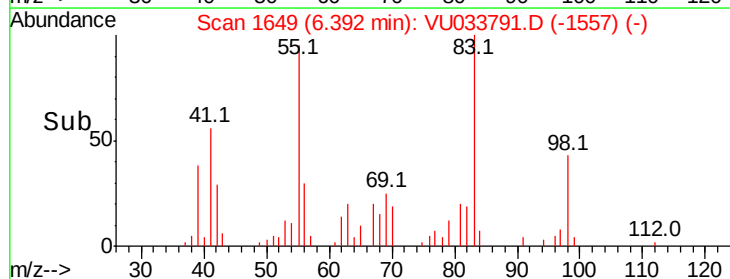
98 42.3 36.2 54.4

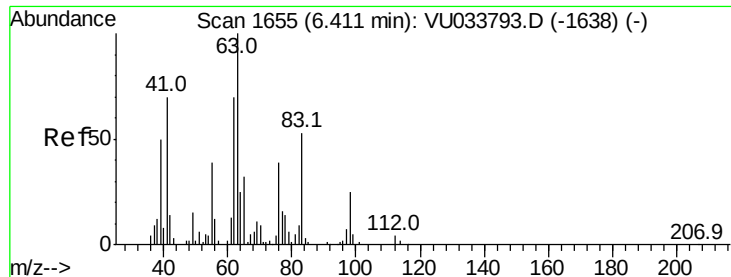


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 55.00 (54.70 to 55.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#37

1,2-Dichloropropane

Concen: 0.479 ug/L

RT: 6.41 min Scan# 1656

Delta R.T. 0.00 min

Lab File: VU033791.D

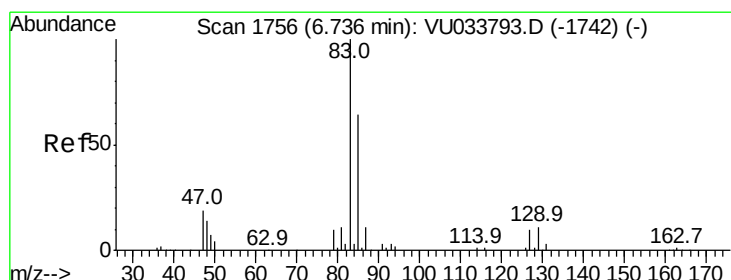
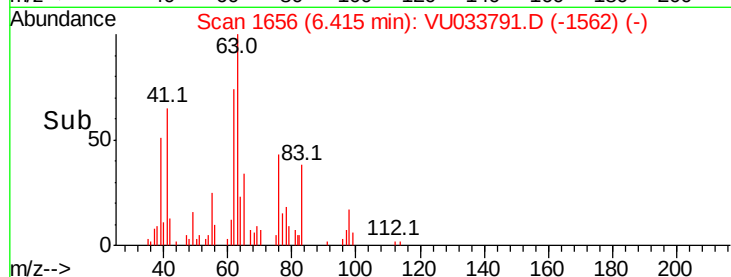
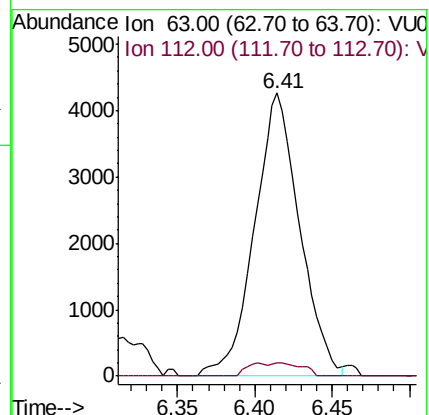
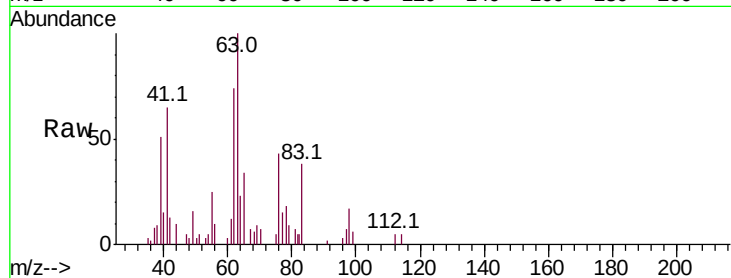
Acq: 14 Aug 2019 09:22

Tot Ion: 63 Resp: 8663

Ion Ratio Lower Upper

63 100

112 3.2 3.3 4.9#



#38

Bromodichloromethane

Concen: 0.501 ug/L

RT: 6.74 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

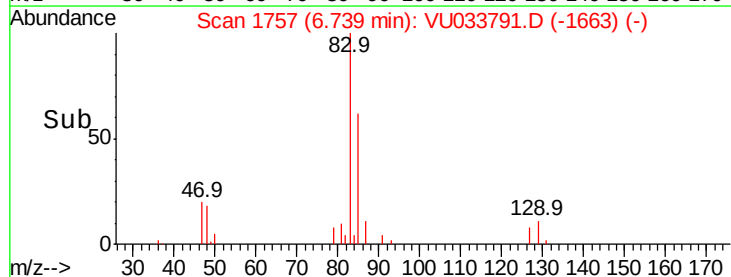
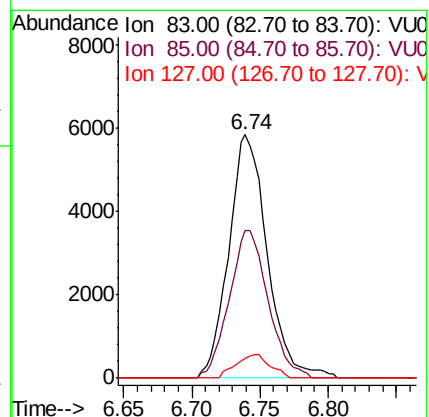
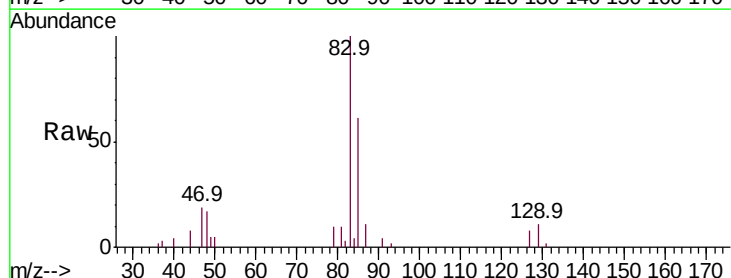
Tgt Ion: 83 Resp: 11433

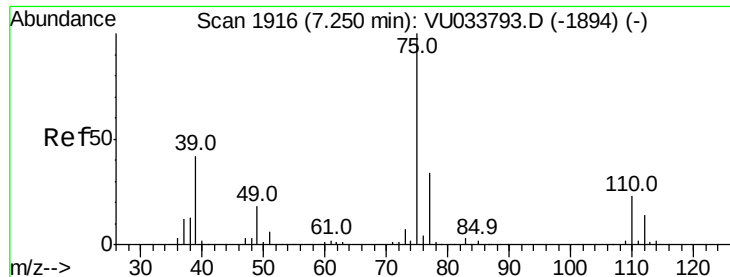
Ion Ratio Lower Upper

83 100

85 60.7 45.0 83.6

127 7.9 7.8 11.6





#39

cis-1,3-Dichloropropene

Concen: 0.429 ug/L

RT: 7.26 min Scan# 1918

Delta R.T. 0.01 min

Lab File: VU033791.D

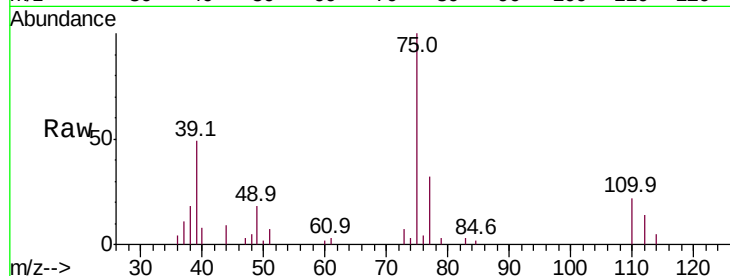
Acq: 14 Aug 2019 09:22

Tot Ion: 75 Resp: 10485

Ion Ratio Lower Upper

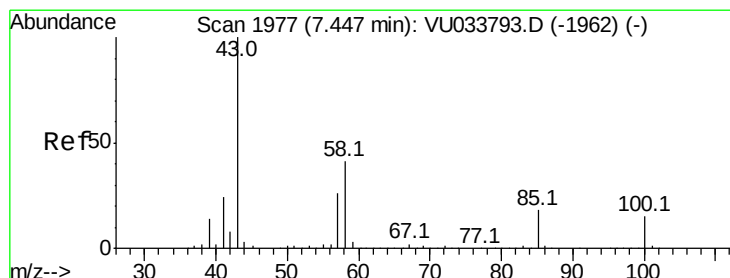
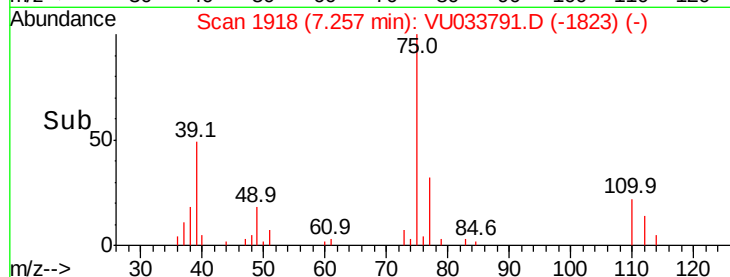
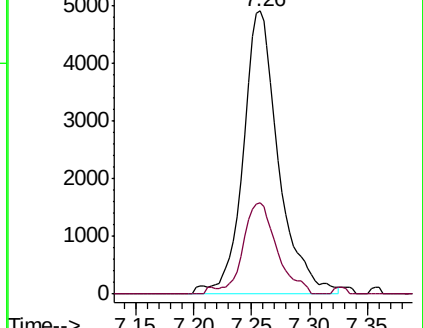
75 100

77 32.2 23.6 43.8



Abundance Ion 75.00 (74.70 to 75.70): VU033791.D (-1894) (-)

Ion 77.00 (76.70 to 77.70): VU033791.D (-1894) (-)



#40

4-Methyl-2-pentanone

Concen: 3.913 ug/L

RT: 7.45 min Scan# 1979

Delta R.T. 0.01 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

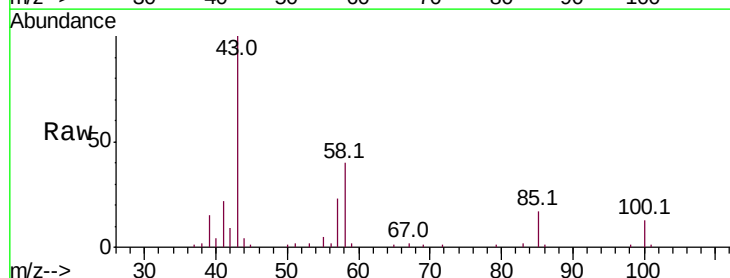
Tgt Ion: 43 Resp: 40917

Ion Ratio Lower Upper

43 100

58 39.2 32.2 48.4

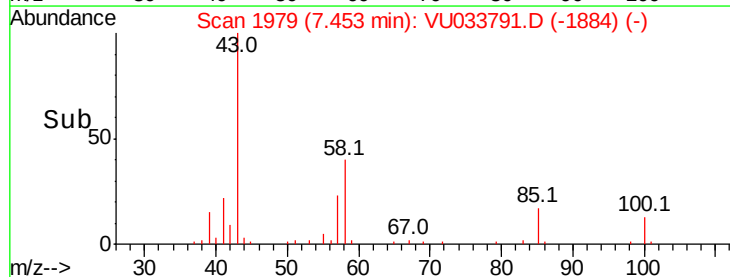
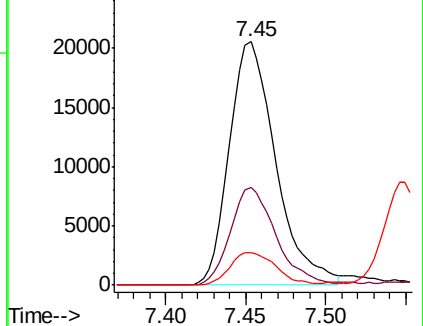
100 13.3 11.9 17.9

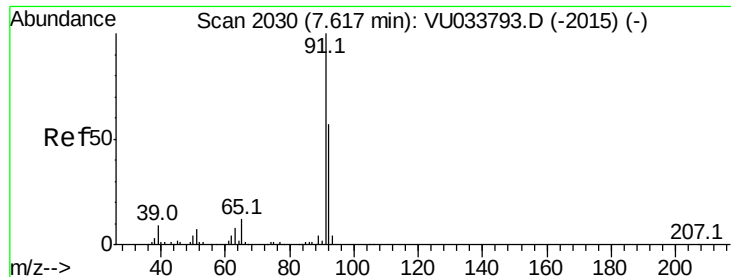


Abundance Ion 43.00 (42.70 to 43.70): VU033791.D (-1884) (-)

Ion 58.00 (57.70 to 58.70): VU033791.D (-1884) (-)

Ion 100.00 (99.70 to 100.70): VU033791.D (-1884) (-)





#42

Toluene

Concen: 0.419 ug/L

RT: 7.62 min Scan# 2031

Delta R.T. 0.00 min

Lab File: VU033791.D

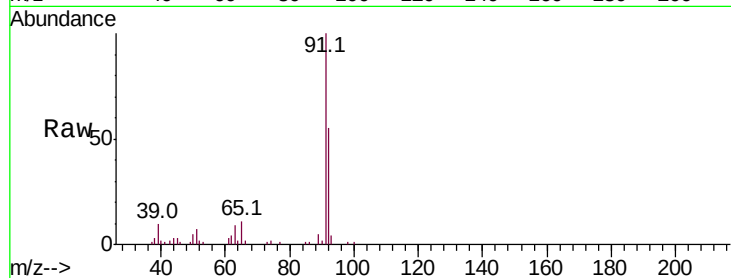
Acq: 14 Aug 2019 09:22

Tot Ion: 91 Resp: 29452

Ion Ratio Lower Upper

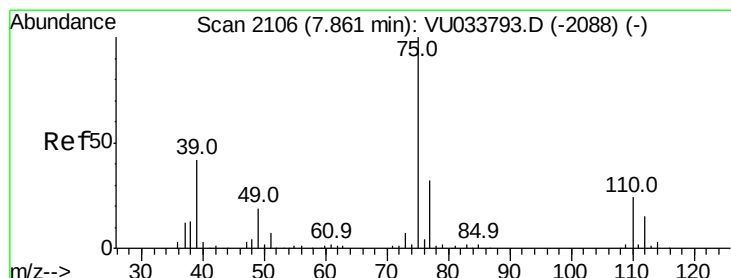
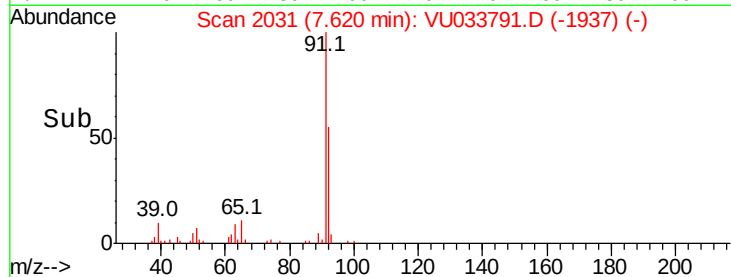
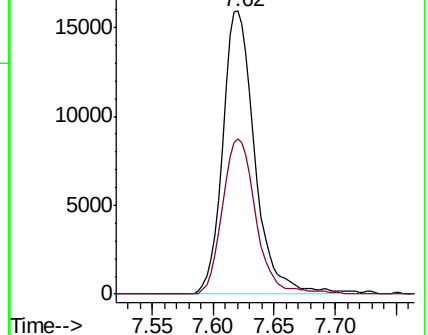
91 100

92 54.9 40.0 74.4



Abundance Ion 91.00 (90.70 to 91.70): VU033791.D (-2015) (-)

Ion 92.00 (91.70 to 92.70): VU033791.D (-2015) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.419 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU033791.D

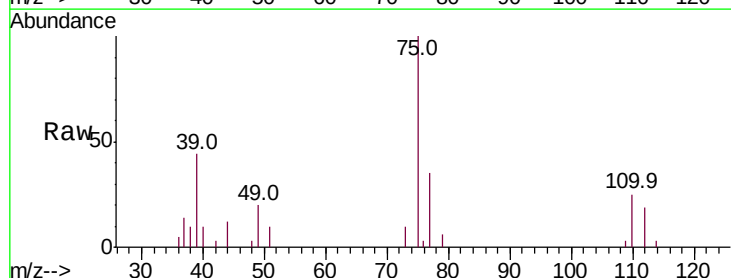
Acq: 14 Aug 2019 09:22

Tgt Ion: 75 Resp: 8555

Ion Ratio Lower Upper

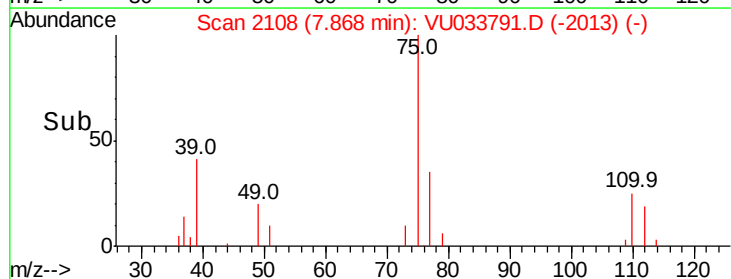
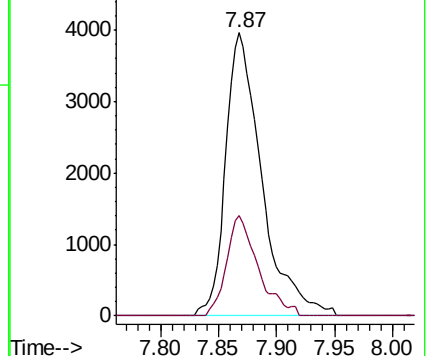
75 100

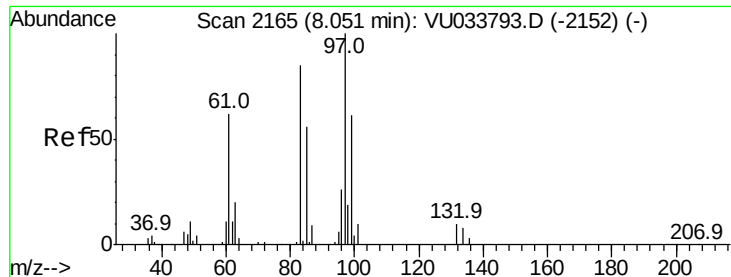
77 35.3 22.3 41.3



Abundance Ion 75.00 (74.70 to 75.70): VU033791.D (-2088) (-)

Ion 77.00 (76.70 to 77.70): VU033791.D (-2088) (-)





#45

1,1,2-Trichloroethane

Concen: 0.468 ug/L

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

Tot Ion: 97 Resp: 6053

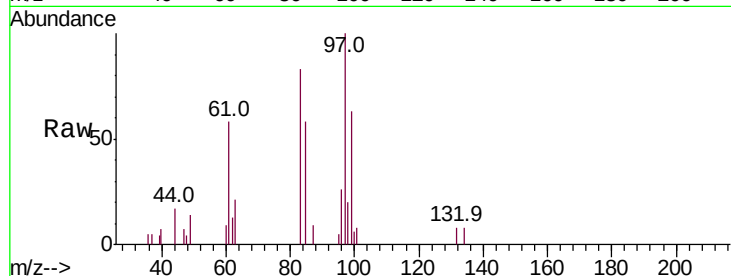
Ion	Ratio	Lower	Upper
97	100		
99	62.6	42.6	79.0
83	82.8	59.8	111.1
85	58.0	39.3	72.9

97 100

99 62.6 42.6 79.0

83 82.8 59.8 111.1

85 58.0 39.3 72.9



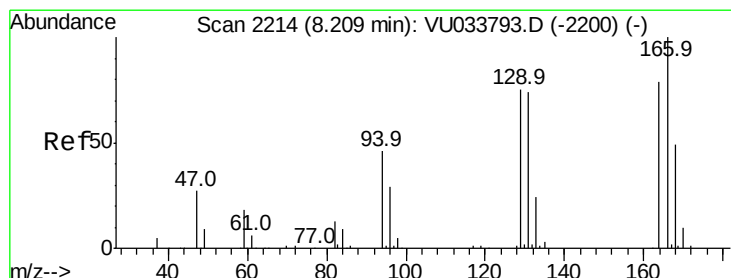
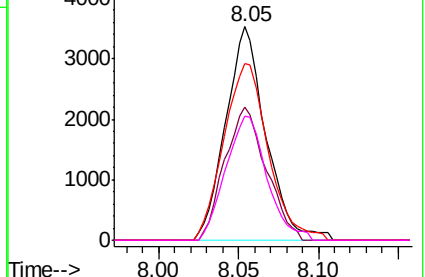
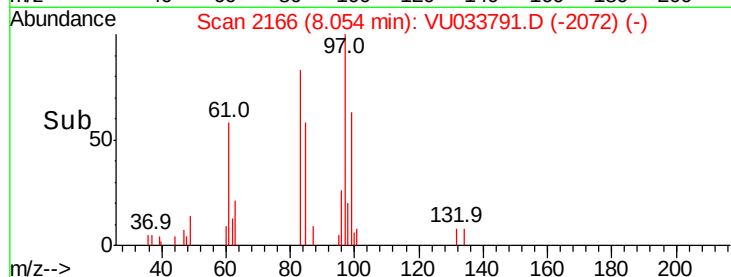
Abundance Ion 97.00 (96.70 to 97.70): VU0

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

Time-->



#47

Tetrachloroethene

Concen: 0.490 ug/L

RT: 8.21 min Scan# 2215

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

Tgt Ion: 164 Resp: 7177

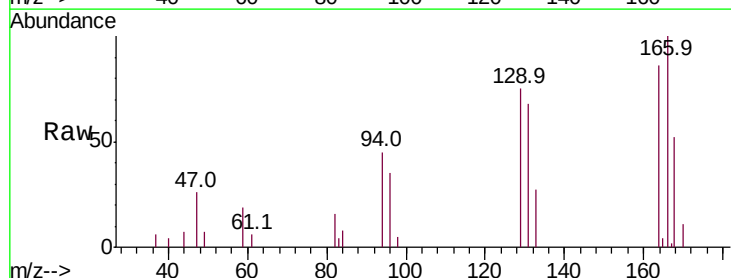
Ion	Ratio	Lower	Upper
164	100		
129	87.5	66.1	122.7
131	79.6	65.2	121.2
166	116.5	88.5	164.4

164 100

129 87.5 66.1 122.7

131 79.6 65.2 121.2

166 116.5 88.5 164.4



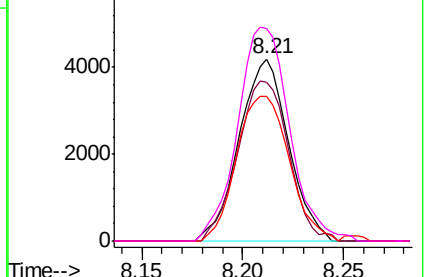
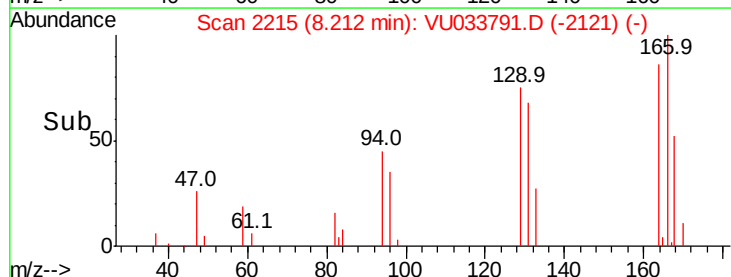
Abundance Ion 164.00 (163.70 to 164.70): V

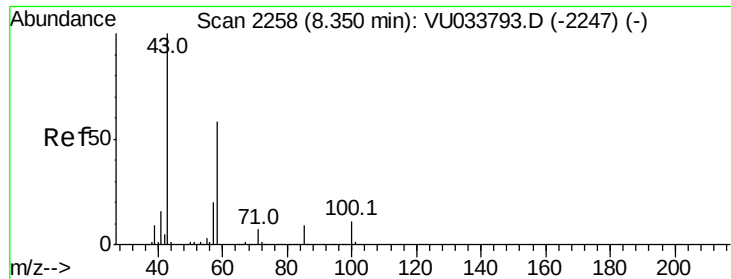
Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

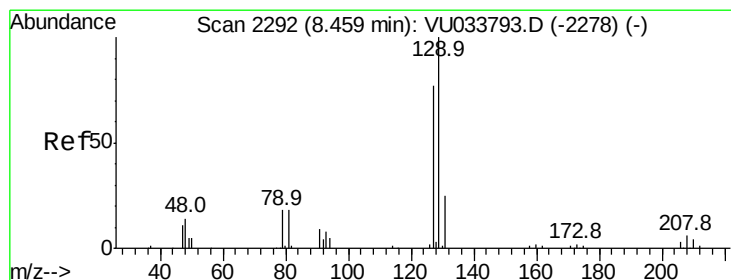
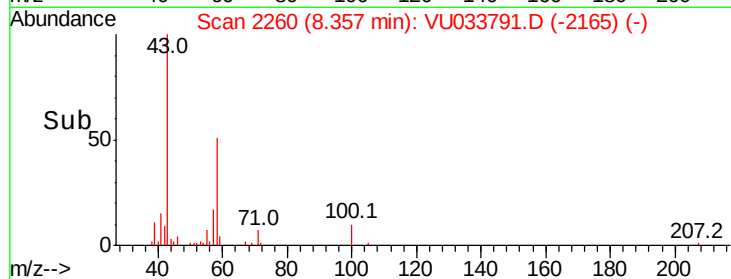
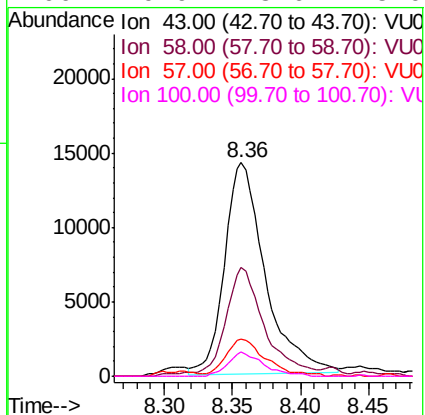
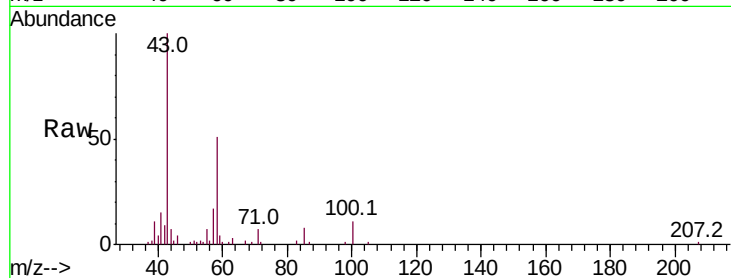
Time-->





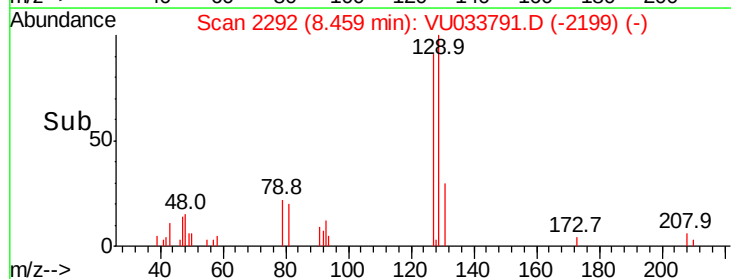
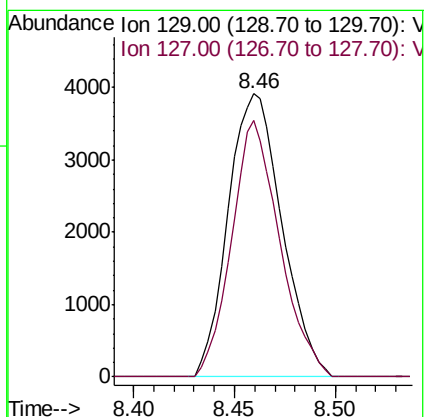
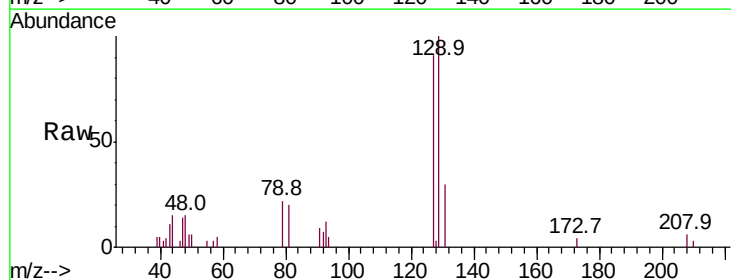
#48
2-Hexanone
Concen: 3.926 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.01 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

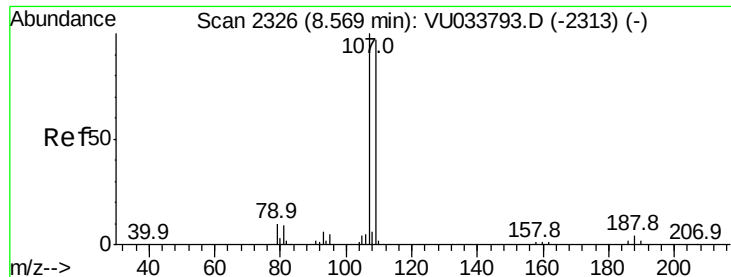
Tot Ion: 43 Resp: 29696
Ion Ratio Lower Upper
43 100
58 49.6 45.2 67.8
57 17.2 15.7 23.5
100 9.9 8.6 13.0



#49
Dibromochloromethane
Concen: 0.464 ug/L
RT: 8.46 min Scan# 2292
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tgt Ion: 129 Resp: 7279
Ion Ratio Lower Upper
129 100
127 90.6 54.2 100.6





#50

1,2-Dibromoethane

Concen: 0.468 ug/L

RT: 8.58 min Scan# 2328

Delta R.T. 0.01 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

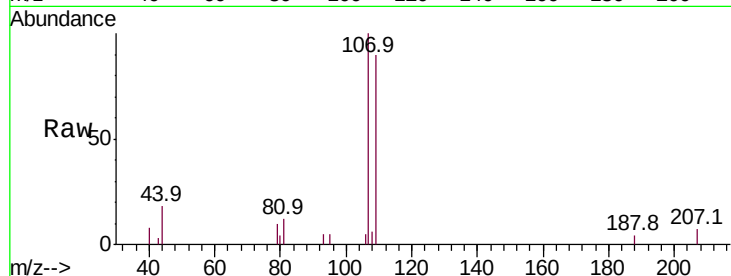
Tot Ion:107 Resp: 5856

Ion Ratio Lower Upper

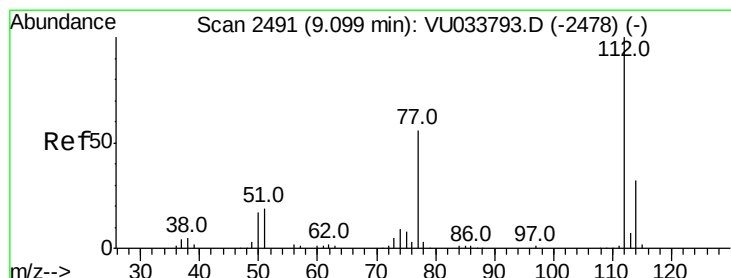
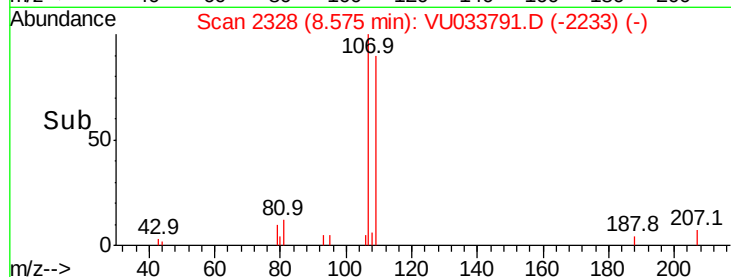
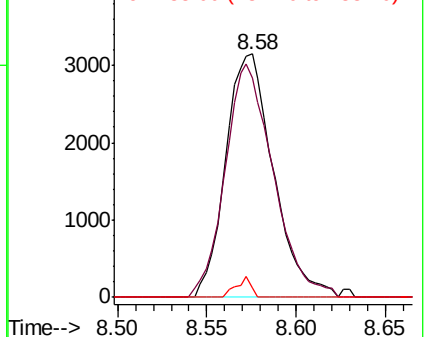
107 100

109 90.1 68.3 126.8

188 3.8 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: 0.459 ug/L

RT: 9.10 min Scan# 2492

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

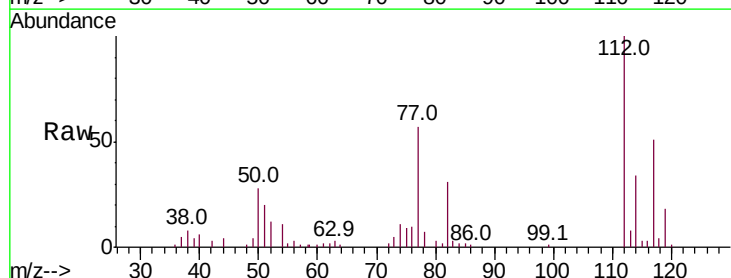
Tgt Ion:112 Resp: 20777

Ion Ratio Lower Upper

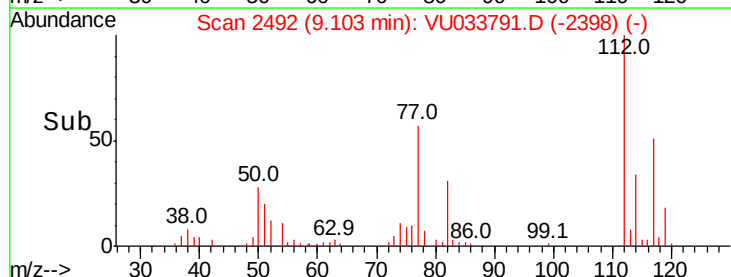
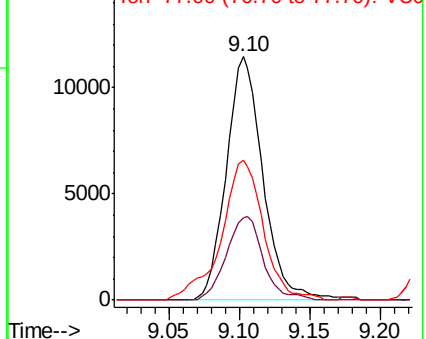
112 100

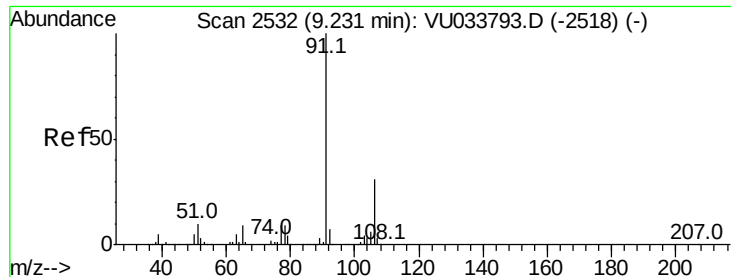
114 33.9 22.5 41.7

77 57.3 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): V





#52

Ethylbenzene

Concen: 0.404 ug/L

RT: 9.23 min Scan# 2533

Delta R.T. 0.00 min

Lab File: VU033791.D

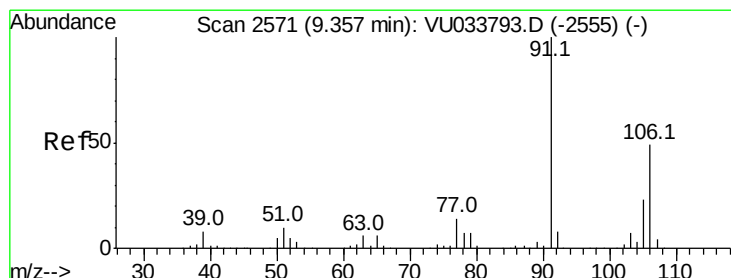
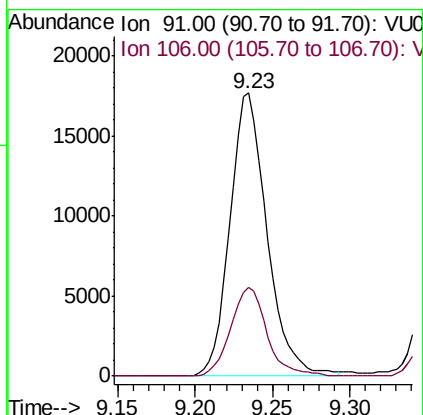
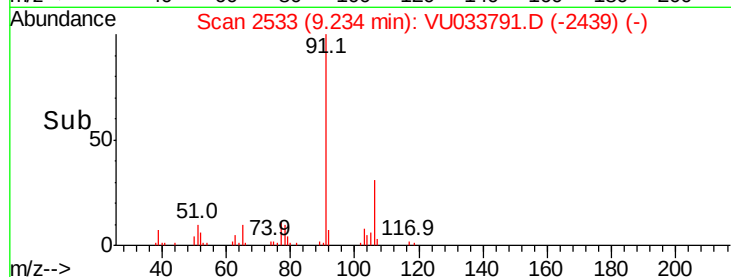
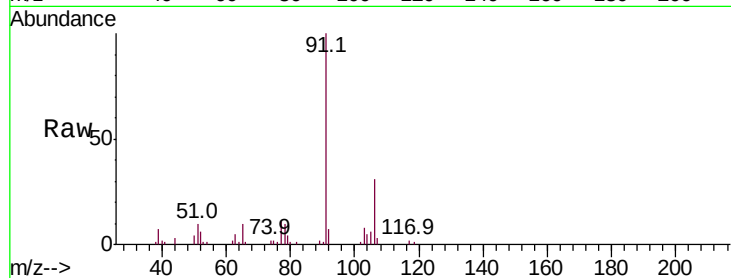
Acq: 14 Aug 2019 09:22

Tot Ion: 91 Resp: 29390

Ion Ratio Lower Upper

91 100

106 31.3 21.6 40.0



#53

m,p-Xylene

Concen: 0.385 ug/L

RT: 9.36 min Scan# 2572

Delta R.T. 0.00 min

Lab File: VU033791.D

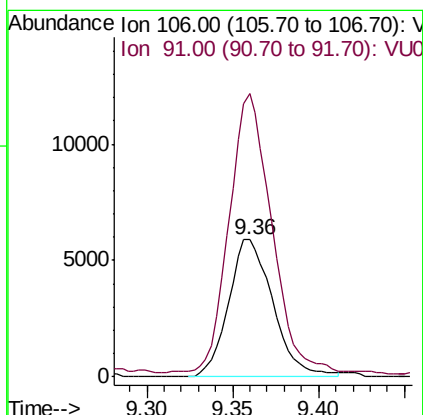
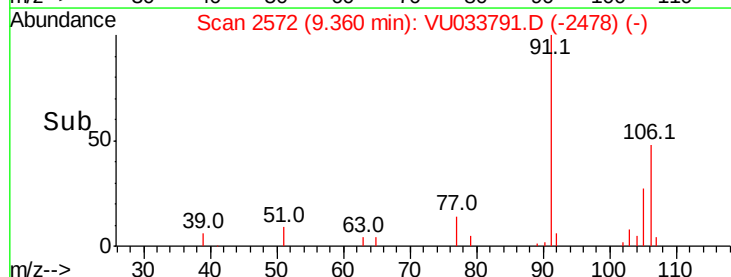
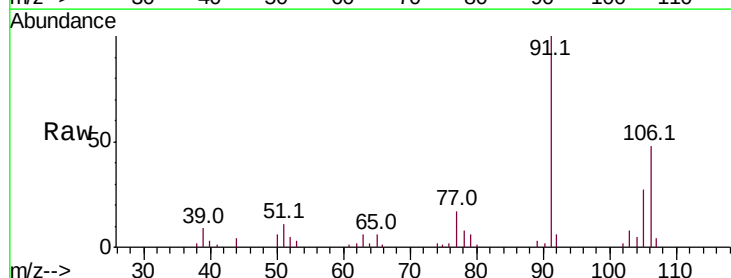
Acq: 14 Aug 2019 09:22

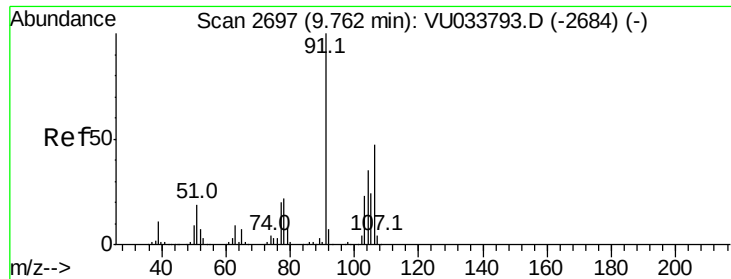
Tgt Ion: 106 Resp: 10576

Ion Ratio Lower Upper

106 100

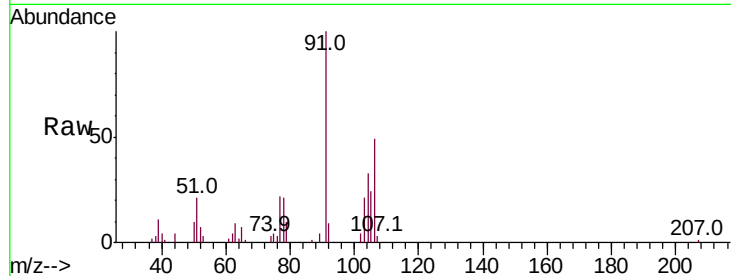
91 206.2 142.7 265.1



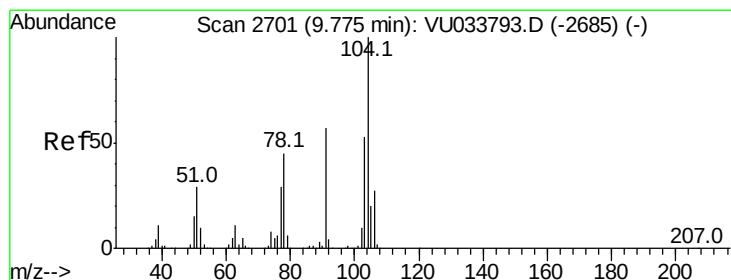
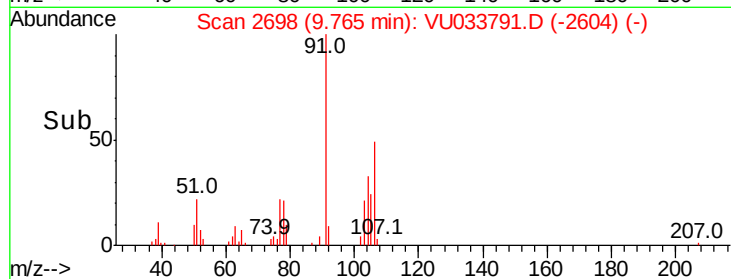
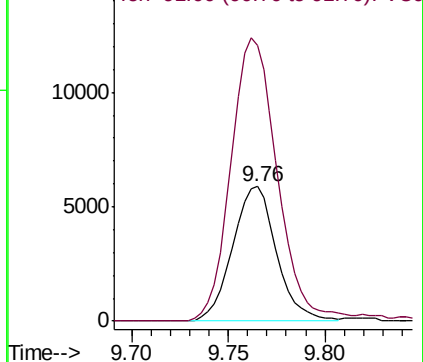


#54
o-Xylene
Concen: 0.356 ug/L
RT: 9.76 min Scan# 2698
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tot Ion:106 Resp: 9289
Ion Ratio Lower Upper
106 100
91 204.5 149.5 277.7

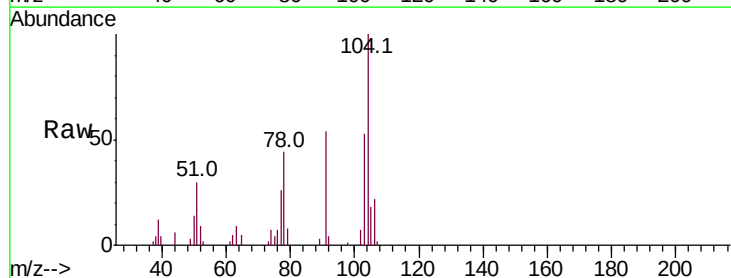


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

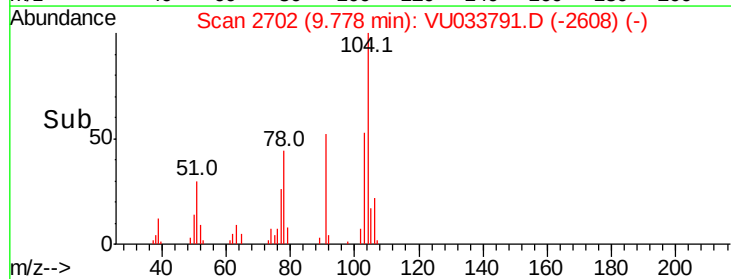
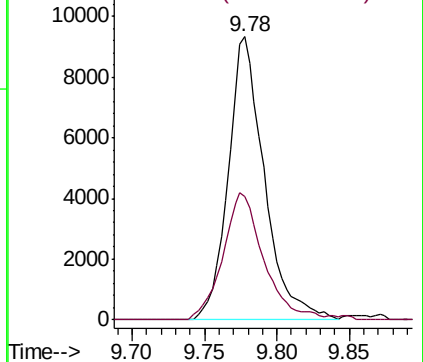


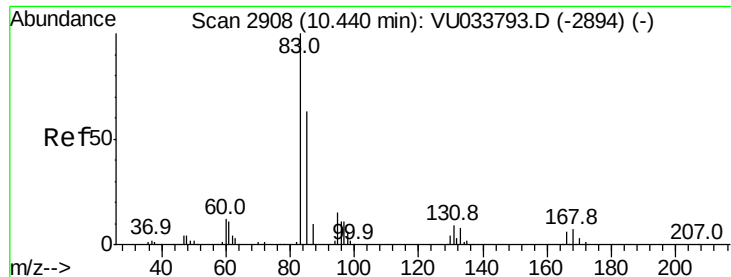
#55
Styrene
Concen: 0.357 ug/L
RT: 9.78 min Scan# 2702
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tgt Ion:104 Resp: 16163
Ion Ratio Lower Upper
104 100
78 43.7 31.8 59.0



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VU0





#57

1,1,2,2-Tetrachloroethane

Concen: 0.476 ug/L

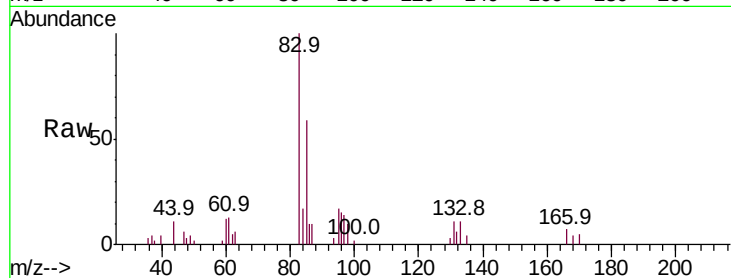
RT: 10.44 min Scan# 2908

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

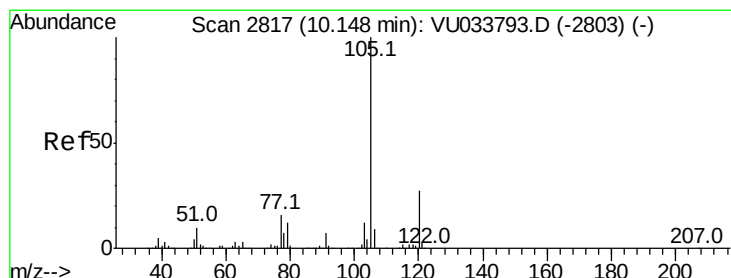
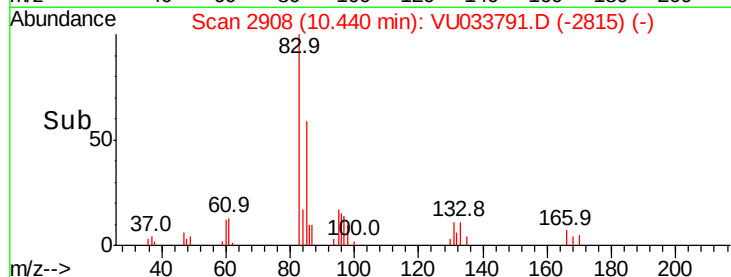
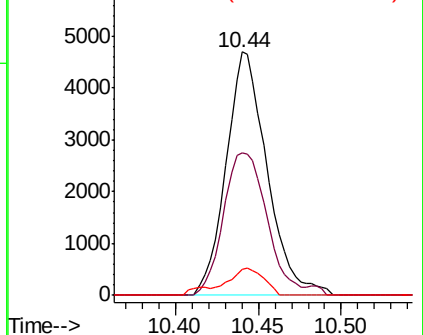
Tot Ion:	83	Resp:	8082
Ion	Ratio	Lower	Upper
83	100		
85	58.8	44.4	82.4
131	10.9	7.6	11.4



Abundance Ion 83.00 (82.70 to 83.70): VU033791.D (-2894) (-)

Ion 85.00 (84.70 to 85.70): VU033791.D (-2894) (-)

Ion 131.00 (130.70 to 131.70): VU033791.D (-2894) (-)



#59

Isopropylbenzene

Concen: 0.411 ug/L

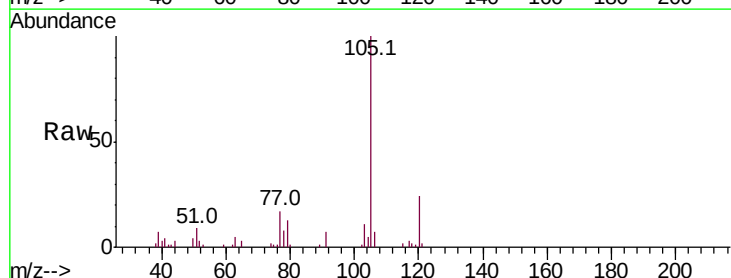
RT: 10.15 min Scan# 2818

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

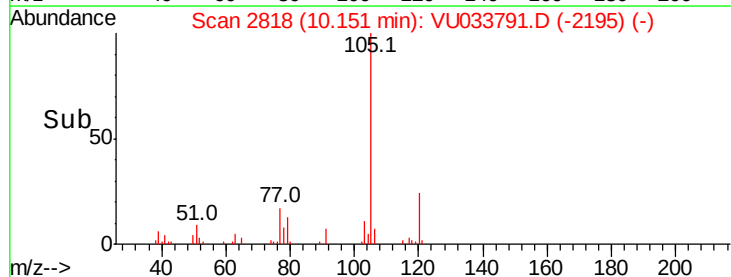
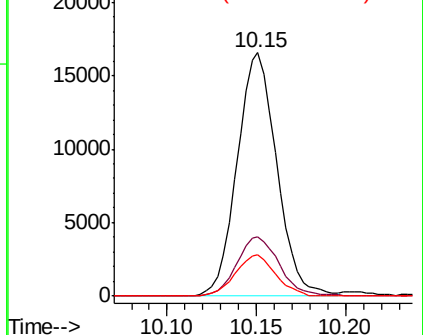
Tgt Ion:	105	Resp:	25687
Ion	Ratio	Lower	Upper
105	100		
120	26.0	21.5	32.3
77	17.1	12.8	19.2

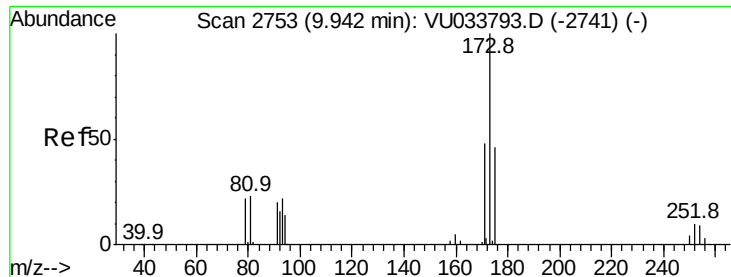


Abundance Ion 105.00 (104.70 to 105.70): VU033791.D (-2815) (-)

Ion 120.00 (119.70 to 120.70): VU033791.D (-2815) (-)

Ion 77.00 (76.70 to 77.70): VU033791.D (-2815) (-)





#60

Bromoform

Concen: 0.485 ug/L

RT: 9.94 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

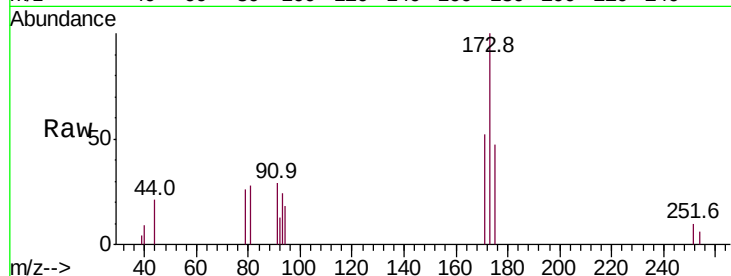
Tot Ion:173 Resp: 4059

Ion Ratio Lower Upper

173 100

175 48.1 36.6 55.0

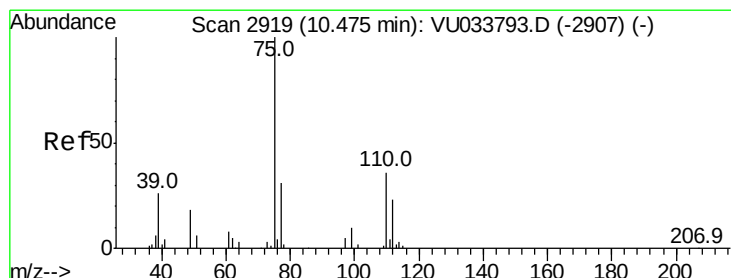
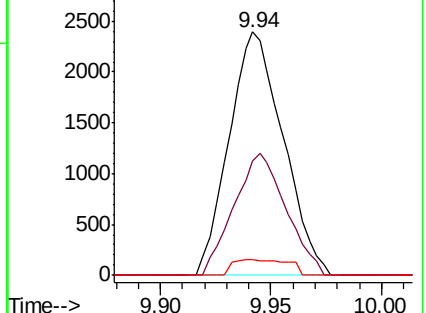
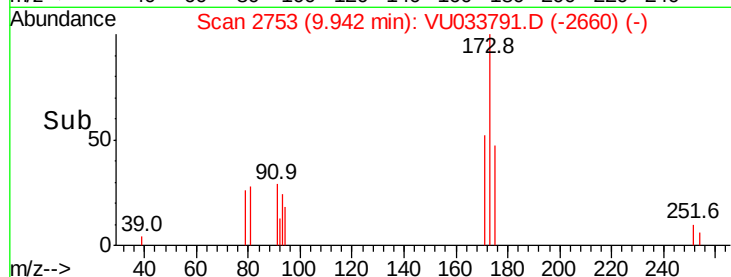
254 6.7 7.0 10.4#



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: 0.163 ug/L

RT: 10.48 min Scan# 2921

Delta R.T. 0.01 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

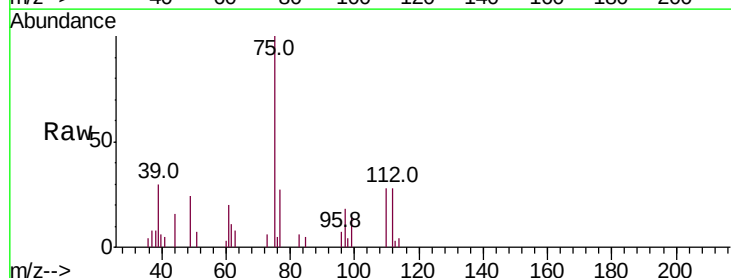
Tgt Ion: 75 Resp: 5788

Ion Ratio Lower Upper

75 100

77 30.8 25.8 38.6

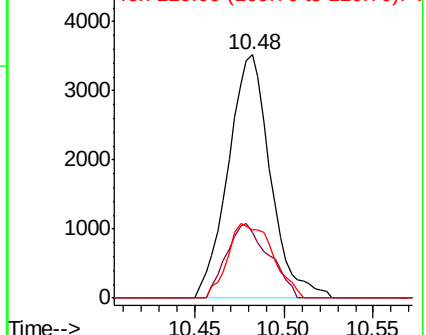
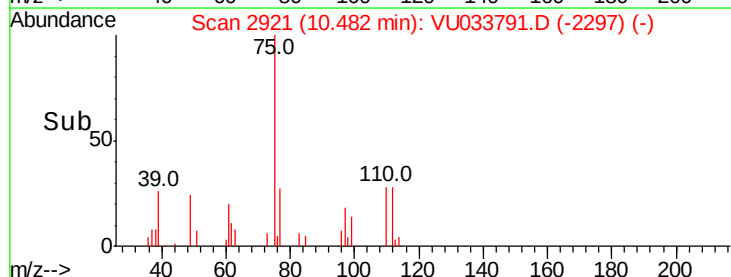
110 32.6 28.9 43.3

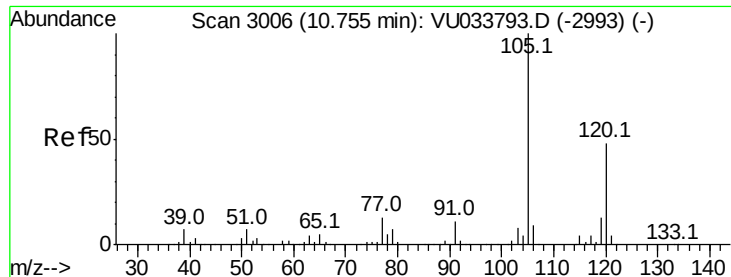


Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

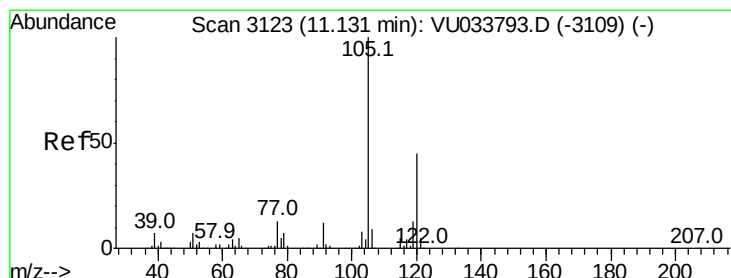
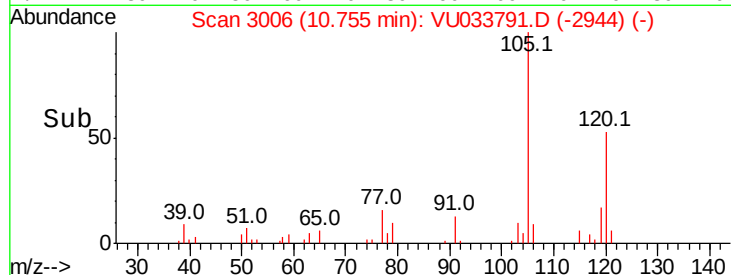
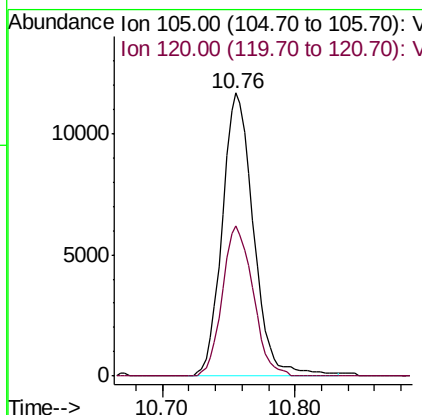
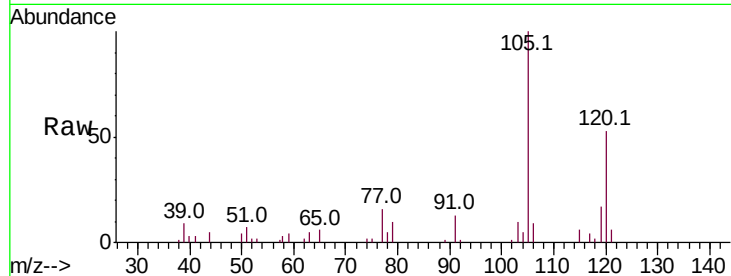
Ion 110.00 (109.70 to 110.70): V





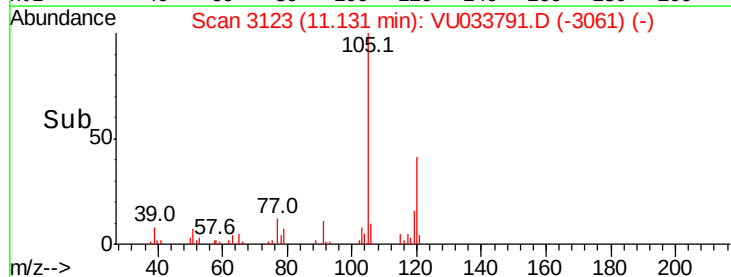
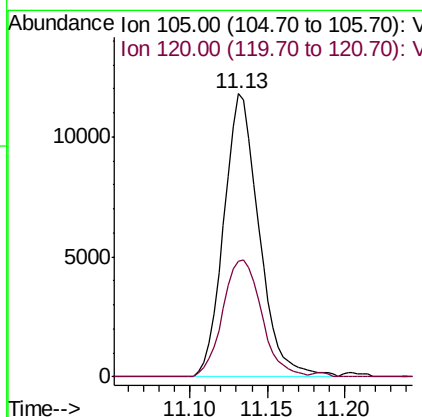
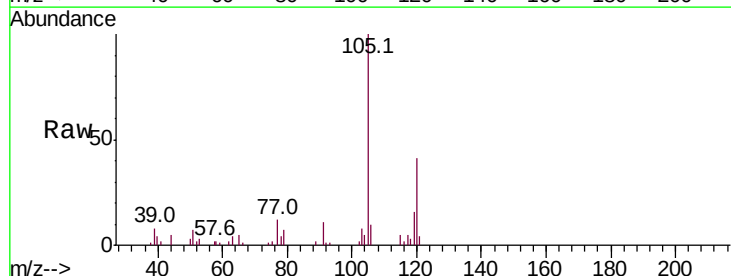
#62
 1,3,5-Trimethylbenzene
 Concen: 0.378 ug/L
 RT: 10.76 min Scan# 3006
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

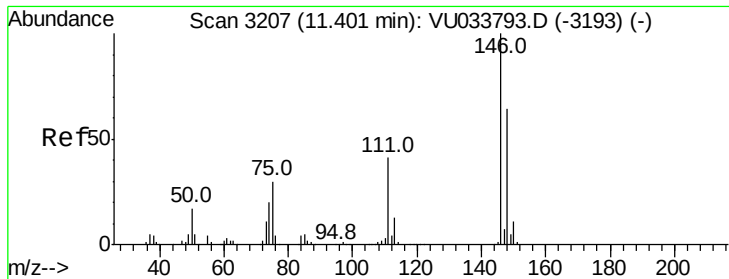
Tot Ion:105 Resp: 19166
 Ion Ratio Lower Upper
 105 100
 120 51.6 38.6 58.0



#63
 1,2,4-Trimethylbenzene
 Concen: 0.369 ug/L
 RT: 11.13 min Scan# 3123
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion:105 Resp: 18659
 Ion Ratio Lower Upper
 105 100
 120 45.4 36.5 54.7





#64

1,3-Dichlorobenzene

Concen: 0.458 ug/L

RT: 11.40 min Scan# 3207

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

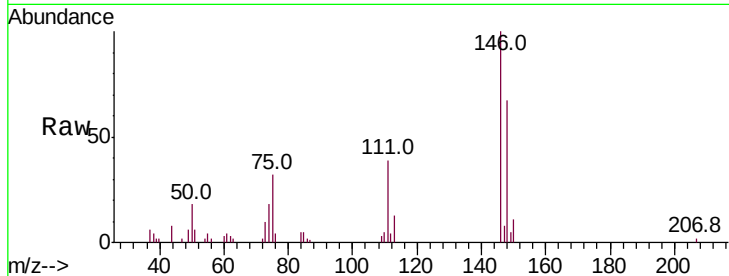
Tot Ion:146 Resp: 15287

Ion Ratio Lower Upper

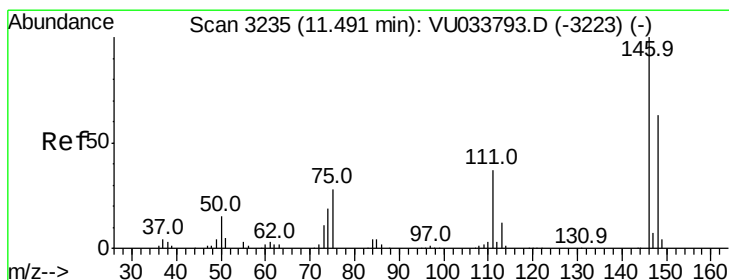
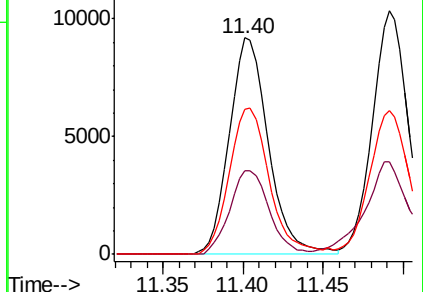
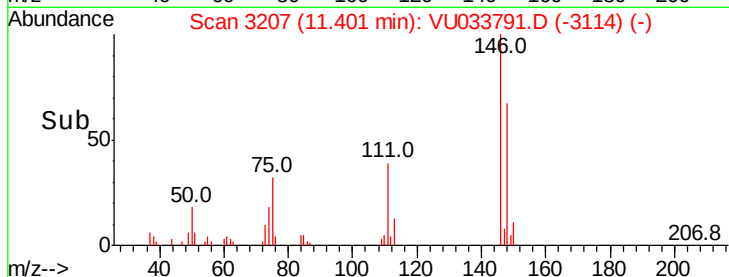
146 100

111 38.7 28.5 52.9

148 67.1 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: 0.488 ug/L

RT: 11.49 min Scan# 3235

Delta R.T. 0.00 min

Lab File: VU033791.D

Acq: 14 Aug 2019 09:22

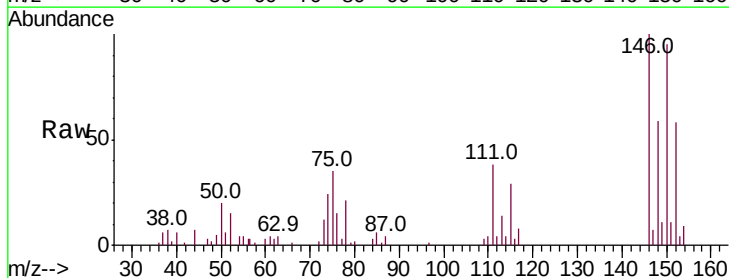
Tgt Ion:146 Resp: 16792

Ion Ratio Lower Upper

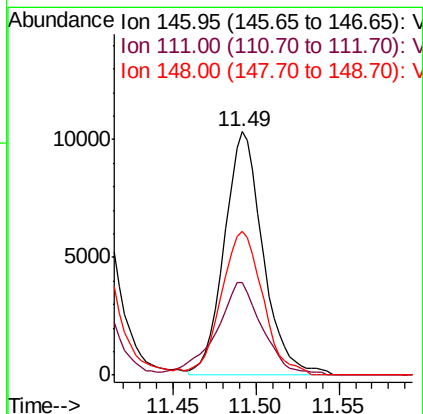
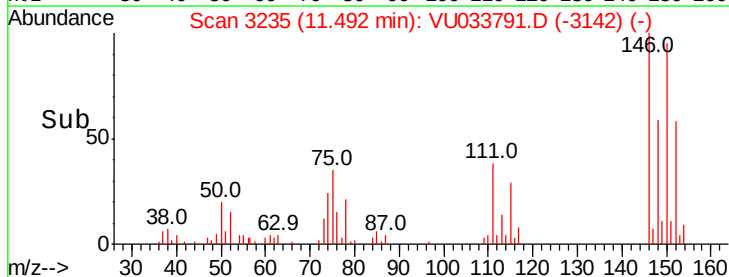
146 100

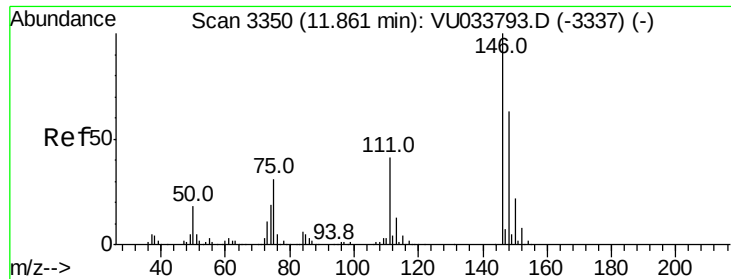
111 38.1 26.2 48.8

148 59.2 44.2 82.0



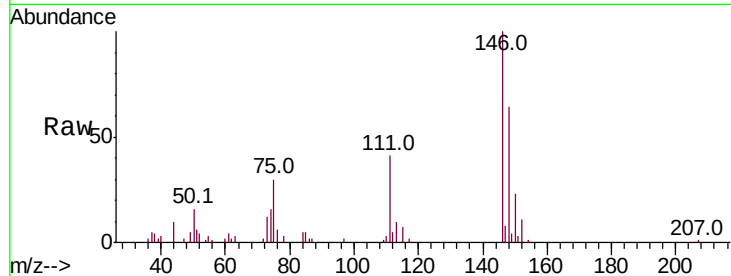
Abundance Ion 145.95 (145.65 to 146.65): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V



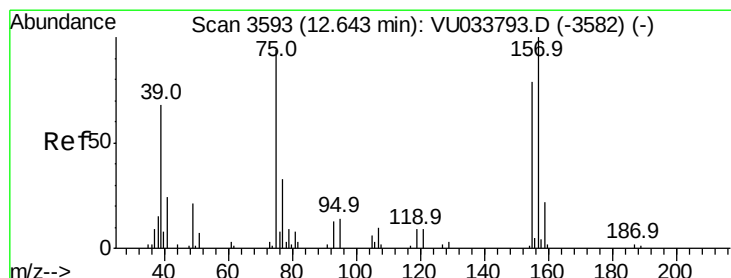
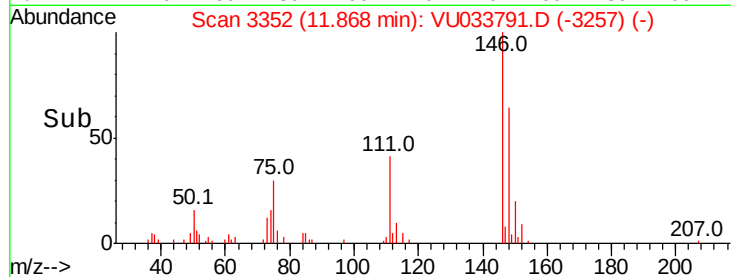
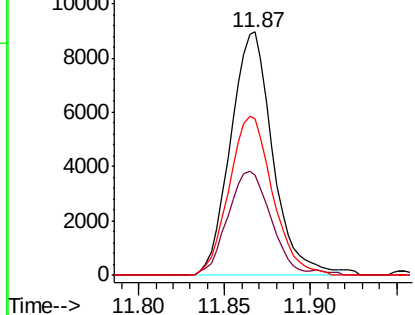


#67
 1,2-Dichlorobenzene
 Concen: 0.475 ug/L
 RT: 11.87 min Scan# 3352
 Delta R.T. 0.01 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tot Ion:146 Resp: 15317
 Ion Ratio Lower Upper
 146 100
 111 41.1 32.7 49.1
 148 64.1 50.6 76.0

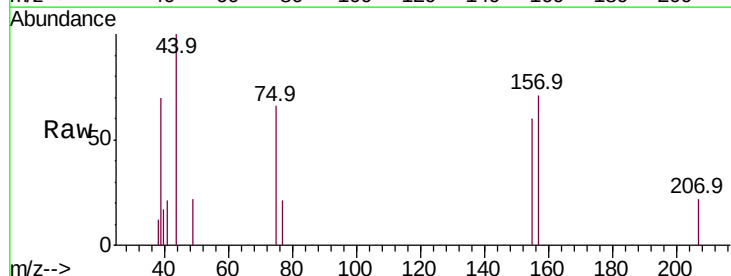


Abundance Ion 145.95 (145.65 to 146.65): V
 12000 Ion 111.00 (110.70 to 111.70): V
 10000 Ion 148.00 (147.70 to 148.70): V

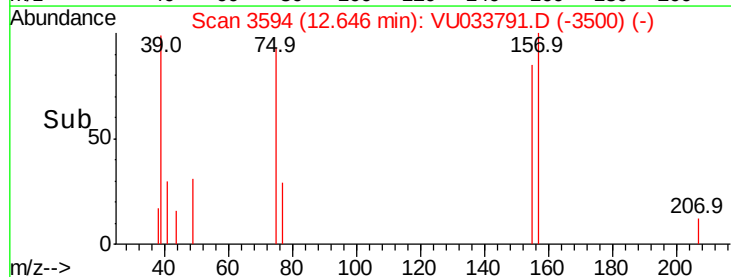
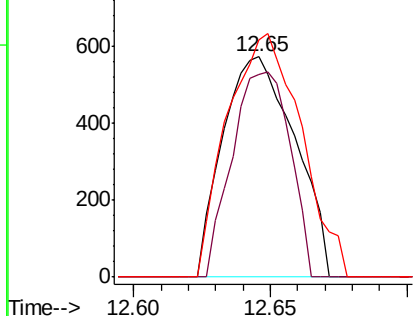


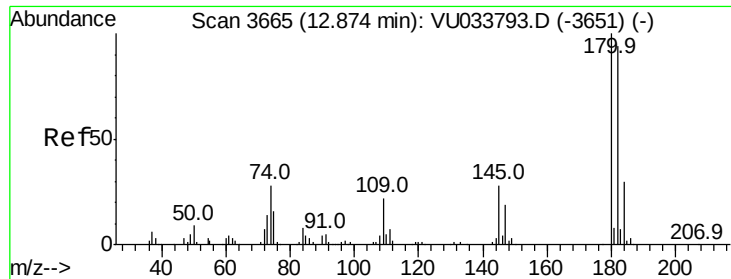
#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.443 ug/L
 RT: 12.65 min Scan# 3594
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion: 75 Resp: 1052
 Ion Ratio Lower Upper
 75 100
 155 91.8 67.3 100.9
 157 107.7 85.3 127.9



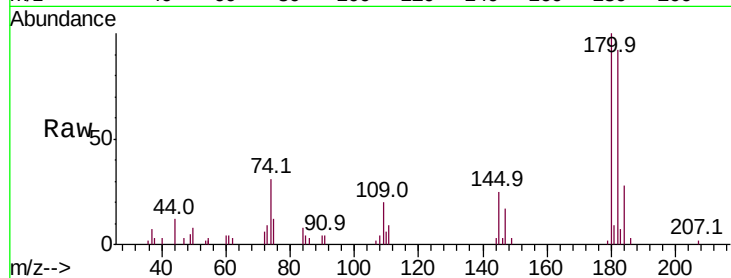
Abundance Ion 75.05 (74.75 to 75.75): VU0
 800 Ion 154.95 (154.65 to 155.65): V
 600 Ion 156.90 (156.60 to 157.60): V



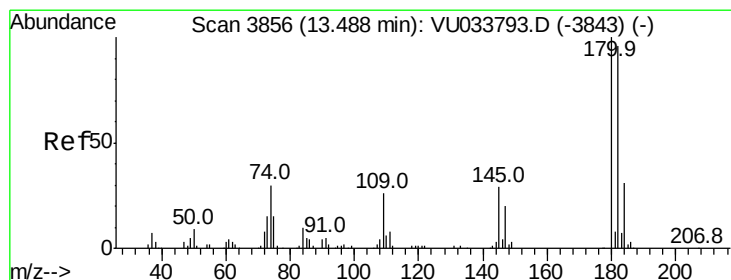
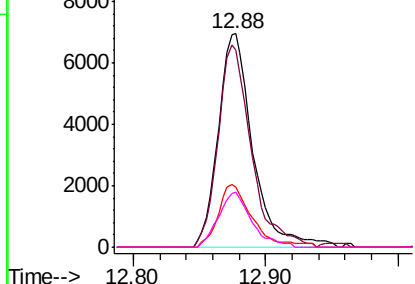
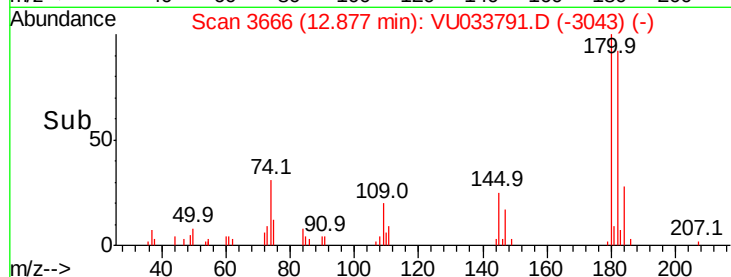


#69
 1,3,5-Trichlorobenzene
 Concen: 0.479 ug/L
 RT: 12.88 min Scan# 3666
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tot Ion:180	Resp:	12583
Ion	Ratio	Lower Upper
180	100	
182	90.8	76.6 114.8
184	27.4	24.4 36.6
145	24.6	23.3 34.9

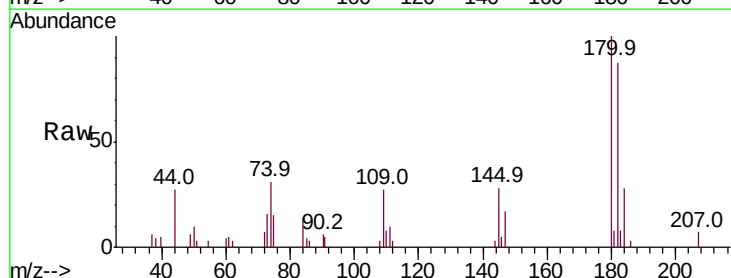


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

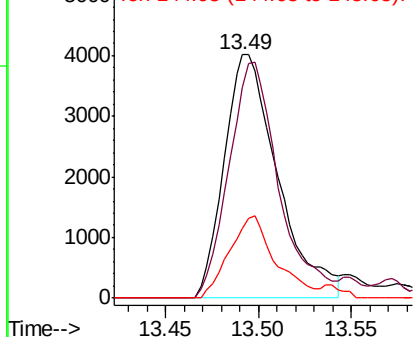
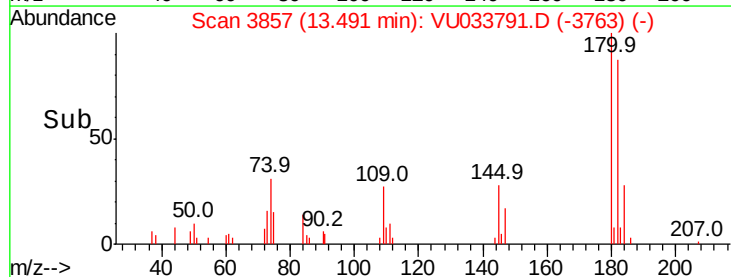


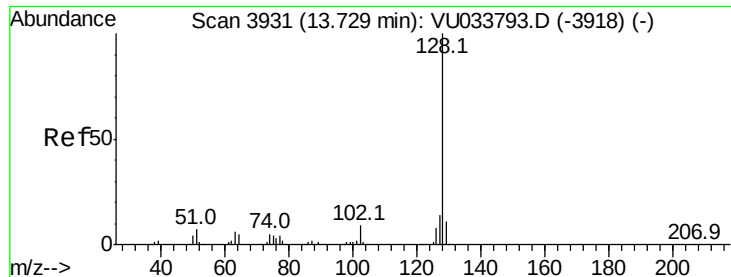
#70
 1,2,4-trichlorobenzene
 Concen: 0.396 ug/L
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.00 min
 Lab File: VU033791.D
 Acq: 14 Aug 2019 09:22

Tgt Ion:180	Resp:	8090
Ion	Ratio	Lower Upper
180	100	
182	89.8	77.4 116.2
145	28.8	23.5 35.3



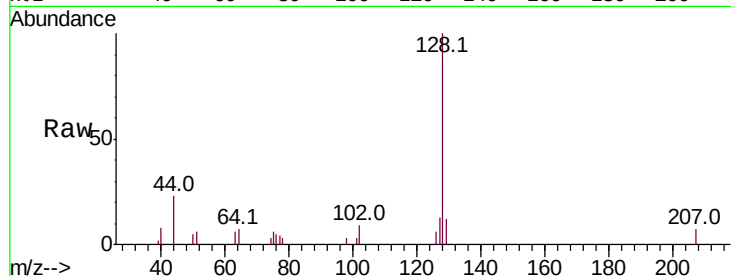
Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V



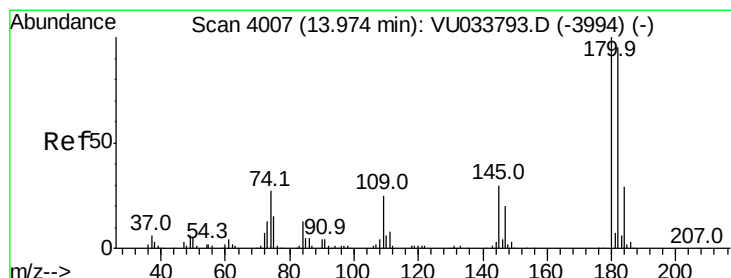
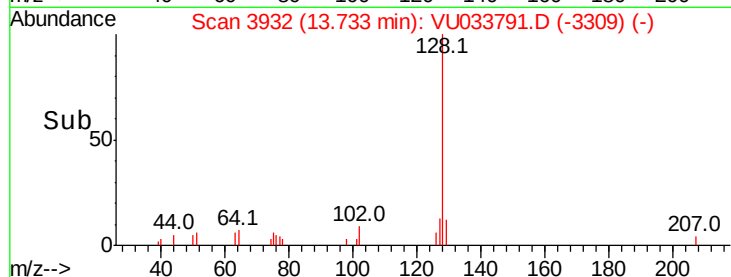
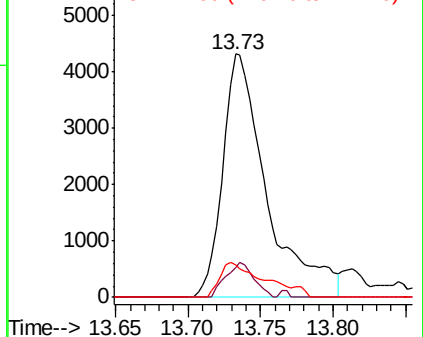


#71
Naphthalene
Concen: 0.289 ug/L
RT: 13.73 min Scan# 3932
Delta R.T. 0.00 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tot Ion:128 Resp: 9112
Ion Ratio Lower Upper
128 100
129 9.0 8.5 12.7
127 13.5 11.2 16.8

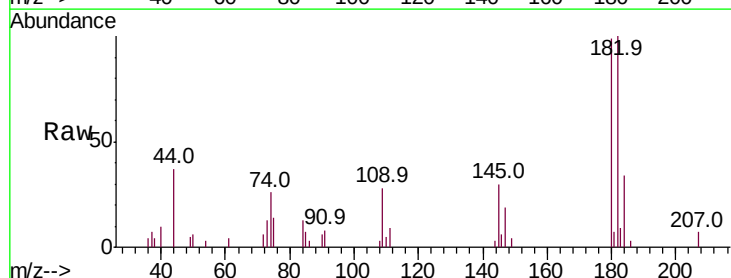


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 129.00 (128.70 to 129.70): V
Ion 127.00 (126.70 to 127.70): V



#72
1,2,3-Trichlorobenzene
Concen: 0.379 ug/L
RT: 13.98 min Scan# 4009
Delta R.T. 0.01 min
Lab File: VU033791.D
Acq: 14 Aug 2019 09:22

Tgt Ion:180 Resp: 7301
Ion Ratio Lower Upper
180 100
182 100.7 75.7 113.5
145 28.4 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

