

Data File : VU032190.D
Acq On : 21 May 2019 11:18
Operator : JC/SP
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV56

Quant Time: May 22 01:58:41 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 01:50:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	868578	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	851903	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	431841	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	261578	46.17	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.34%
7) Chloroethane-d5	1.67	69	223709	45.31	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.62%
11) 1,1-Dichloroethene-d2	2.27	63	493169	45.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.42%
21) 2-Butanone-d5	4.17	46	346122	99.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.01%
24) Chloroform-d	4.64	84	524541	46.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.98%
26) 1,2-Dichloroethane-d4	5.30	65	304492	46.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.42%
32) Benzene-d6	5.33	84	1070637	48.34	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.68%
36) 1,2-Dichloropropane-d6	6.32	67	309338	48.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.76%
41) Toluene-d8	7.56	98	1030800	49.12	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.24%
43) trans-1,3-Dichloropropene-	7.85	79	152086	48.20	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.40%
47) 2-Hexanone-d5	8.31	63	305690	105.39	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.39%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	499832	48.32	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.64%
64) 1,2-Dichlorobenzene-d4	11.86	152	420497	46.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.12%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	326099	46.087	ug/L	100
3) Chloromethane	1.32	50	289297	46.833	ug/L	100
5) Vinyl chloride	1.40	62	325760	46.920	ug/L	99
6) Bromomethane	1.61	94	232252	49.295	ug/L	100
8) Chloroethane	1.69	64	198151	47.392	ug/L	98
9) Trichlorofluoromethane	1.88	101	446663	45.733	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	265428	45.339	ug/L	96
12) 1,1-Dichloroethene	2.28	96	273609	47.004	ug/L	100
13) Acetone	2.32	43	341210	95.863	ug/L	98
14) Carbon disulfide	2.47	76	801722	47.107	ug/L	100
15) Methyl Acetate	2.61	43	246323	48.507	ug/L	99
16) Methylene chloride	2.69	84	306741	45.911	ug/L	98
17) trans-1,2-Dichloroethene	2.98	96	288614	47.925	ug/L	96
18) Methyl tert-butyl Ether	2.99	73	837374	48.495	ug/L	100
19) 1,1-Dichloroethane	3.44	63	474671	46.682	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	325342	48.311	ug/L	98
22) 2-Butanone	4.26	43	404818	102.670	ug/L	98

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Quant Title : VOC Analysis
QLast Update : Wed May 22 01:50:21 2019
Response via : Initial Calibration

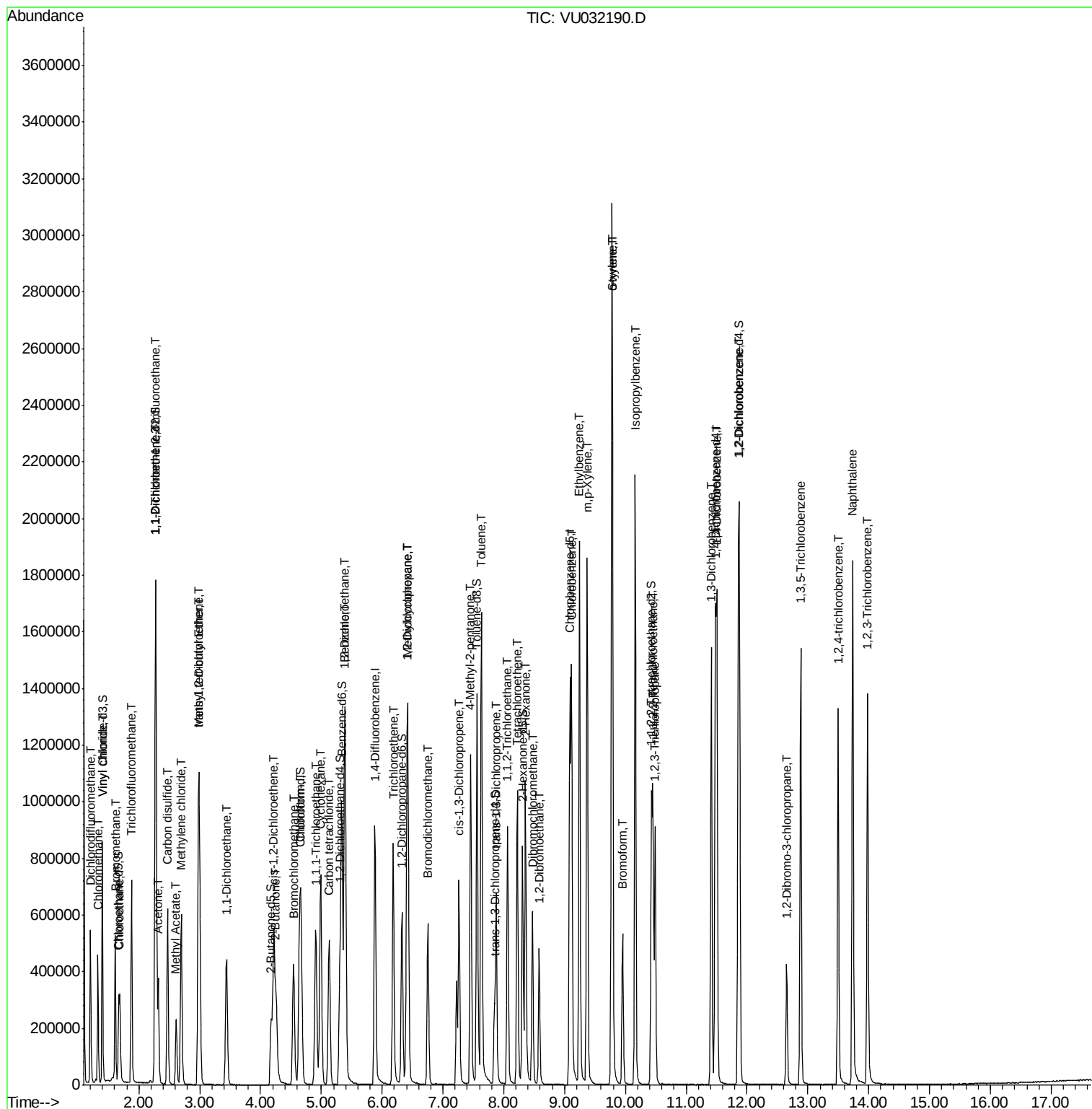
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	171521	47.389	ug/L	99
25) Chloroform	4.67	83	527066	47.093	ug/L	100
27) 1,2-Dichloroethane	5.40	62	387209	47.191	ug/L	99
29) Cyclohexane	4.99	56	401609	50.537	ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	439843	48.378	ug/L	98
31) Carbon tetrachloride	5.13	117	393499	49.048	ug/L	99
33) Benzene	5.38	78	1176783	49.460	ug/L	100
34) Trichloroethene	6.18	95	310313	48.788	ug/L	98
35) Methylcyclohexane	6.41	83	479374	49.901	ug/L	99
37) 1,2-Dichloropropane	6.43	63	276012	47.537	ug/L	100
38) Bromodichloromethane	6.75	83	391425	48.844	ug/L	98
39) cis-1,3-Dichloropropene	7.26	75	455956	50.030	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	682842	102.869	ug/L	99
42) Toluene	7.63	91	1344166	51.163	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	410316	50.641	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	303443	48.226	ug/L	96
46) Tetrachloroethene	8.22	164	259078	49.327	ug/L	97
48) 2-Hexanone	8.36	43	588958	103.573	ug/L	99
49) Dibromochloromethane	8.47	129	330359	48.952	ug/L	99
50) 1,2-Dibromoethane	8.58	107	332084	50.032	ug/L	98
51) Chlorobenzene	9.11	112	862263	48.702	ug/L	98
52) Ethylbenzene	9.24	91	1424165	50.281	ug/L	99
53) m,p-Xylene	9.37	106	567515	50.871	ug/L	96
54) o-xylene	9.77	106	560046	50.874	ug/L	95
55) Styrene	9.79	104	974219	51.833	ug/L	99
56) Isopropylbenzene	10.16	105	1437976	50.851	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	512999	48.678	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	389319	48.467	ug/L	100
61) Bromoform	9.95	173	256874	46.763	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	686247	48.707	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	708892	47.867	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	711738	48.302	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	111384	48.901	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	524925	48.718	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	445727	53.062	ug/L	99
69) Naphthalene	13.74	128	1577913	61.900	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	488774	51.779	ug/L	98

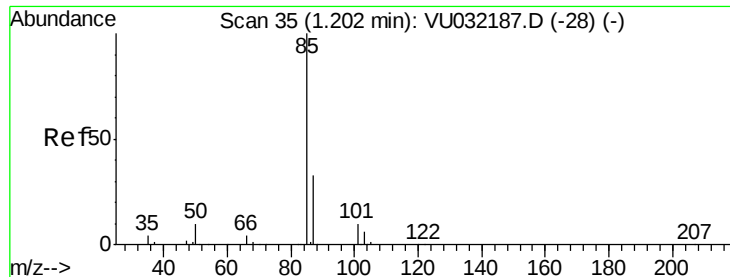
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
VICV56

Quant Time: May 22 01:52:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052119WMA.M
Quant Title : VOC Analysis
QLast Update : Wed May 22 01:50:21 2019
Response via : Initial Calibration





#2

Dichlorodifluoromethane

Concen: 46.087 ug/L

RT: 1.20 min Scan# 35

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

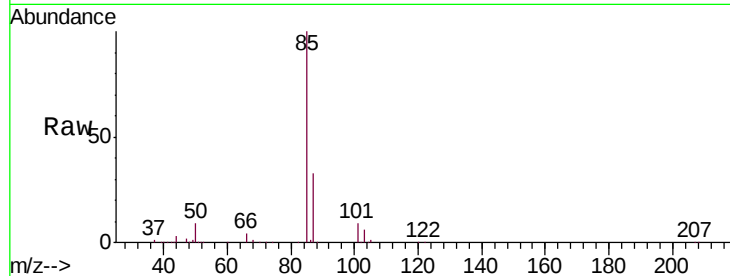
VICV56

Tgt Ion: 85 Resp: 326099

Ion Ratio Lower Upper

85 100

87 32.9 26.5 39.7



Abundance Ion 85.00 (84.70 to 85.70): VU032187.D (-28) (-)

Ion 87.00 (86.70 to 87.70): VU032187.D (-28) (-)

1.20

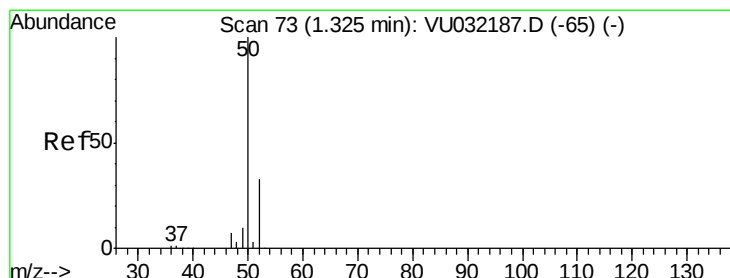
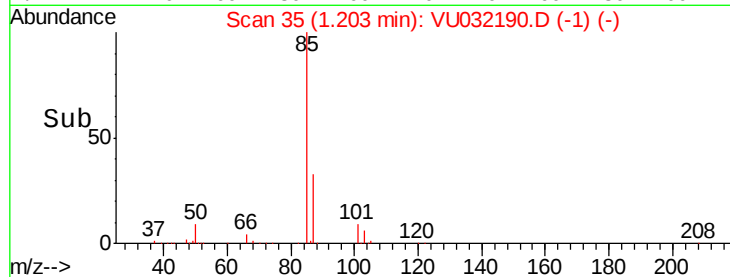
300000

200000

100000

0

Time-->



#3

Chloromethane

Concen: 46.833 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU032190.D

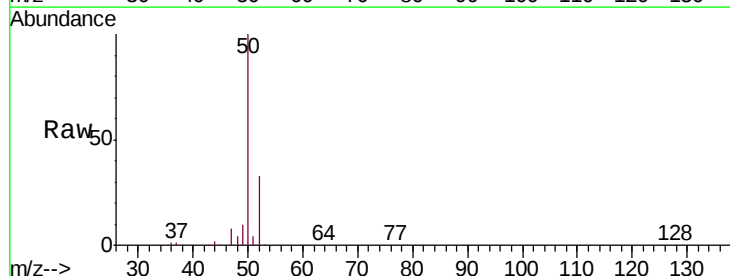
Acq: 21 May 2019 11:18

Tgt Ion: 50 Resp: 289297

Ion Ratio Lower Upper

50 100

52 32.8 23.1 42.9



Abundance Ion 50.00 (49.70 to 50.70): VU032187.D (-65) (-)

Ion 52.00 (51.70 to 52.70): VU032187.D (-65) (-)

1.32

300000

250000

200000

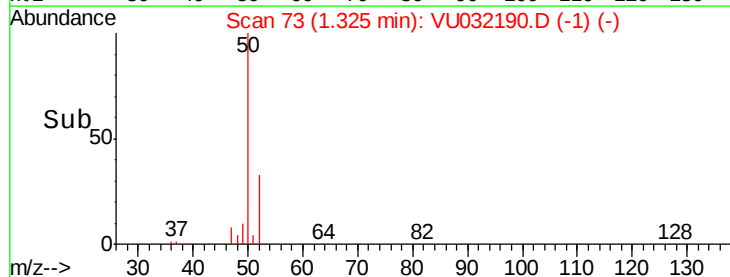
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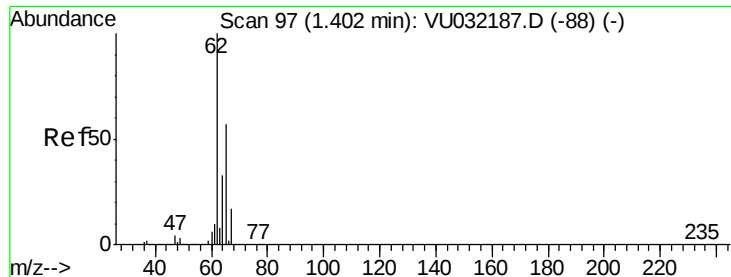
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 46.920 ug/L

RT: 1.40 min Scan# 97

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

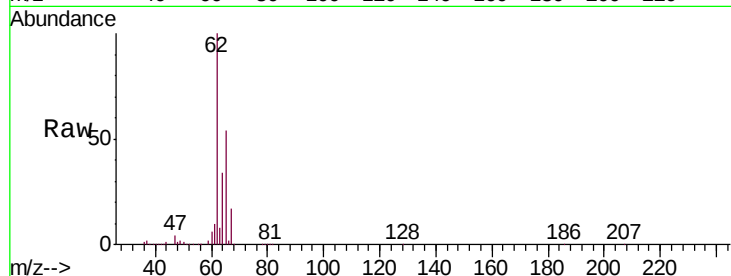
VICV56

Tgt Ion: 62 Resp: 325760

Ion Ratio Lower Upper

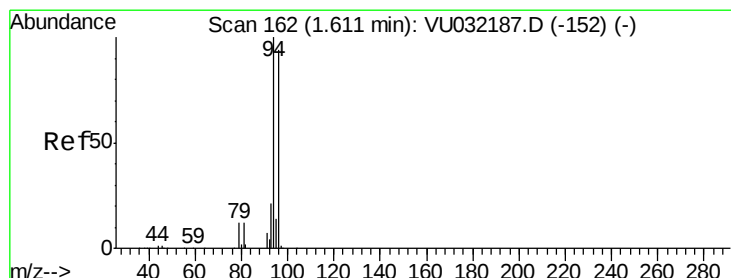
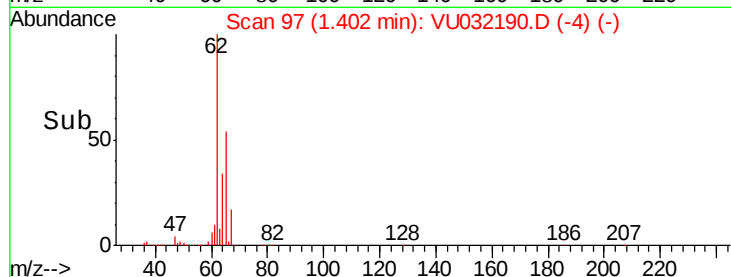
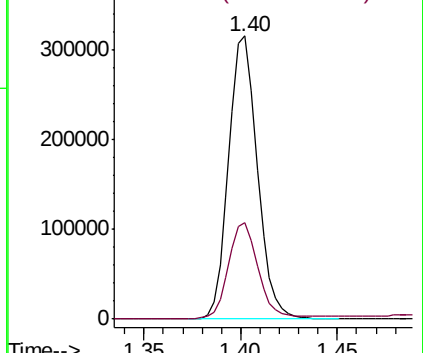
62 100

64 33.9 23.5 43.7



Abundance Ion 62.00 (61.70 to 62.70): VU032187.D (-88) (-)

Ion 64.00 (63.70 to 64.70): VU032187.D (-88) (-)



#6

Bromomethane

Concen: 49.295 ug/L

RT: 1.61 min Scan# 162

Delta R.T. 0.00 min

Lab File: VU032190.D

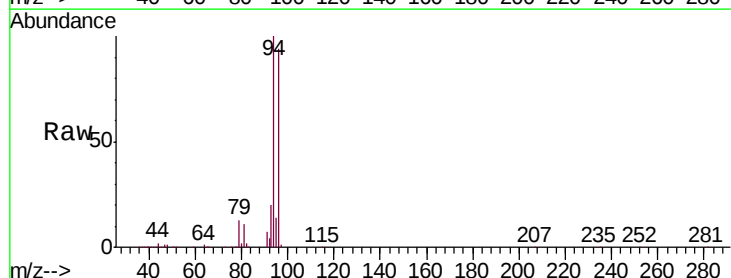
Acq: 21 May 2019 11:18

Tgt Ion: 94 Resp: 232252

Ion Ratio Lower Upper

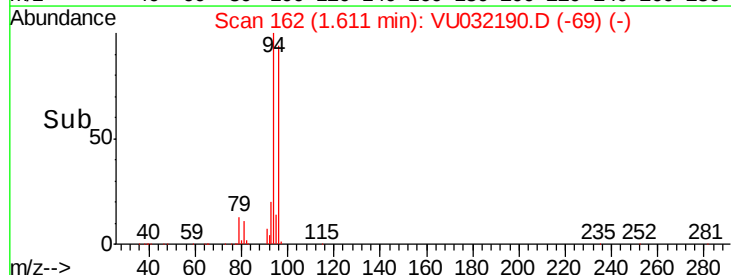
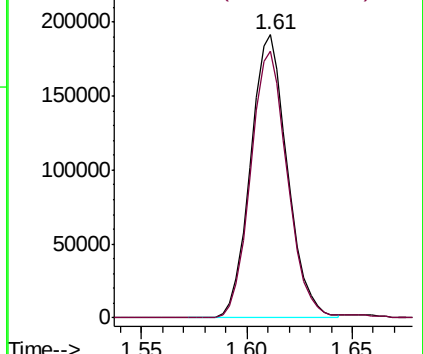
94 100

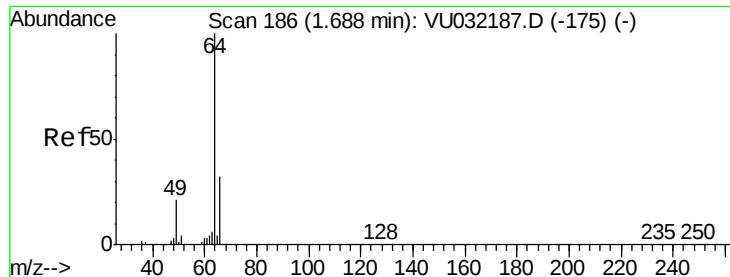
96 94.0 65.8 122.2



Abundance Ion 94.00 (93.70 to 94.70): VU032187.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU032187.D (-152) (-)





#8

Chloroethane

Concen: 47.392 ug/L

RT: 1.69 min Scan# 186

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

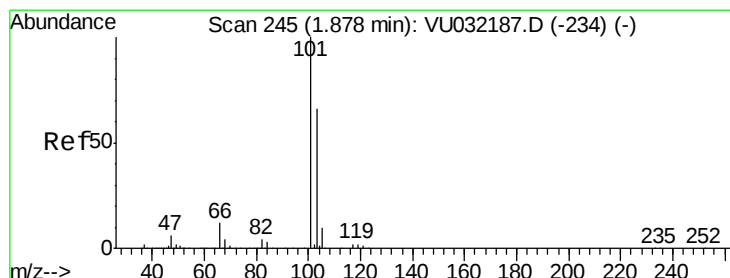
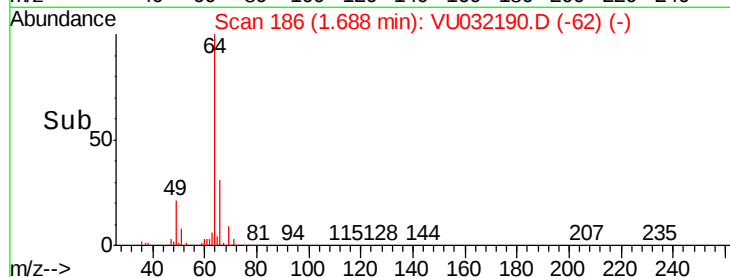
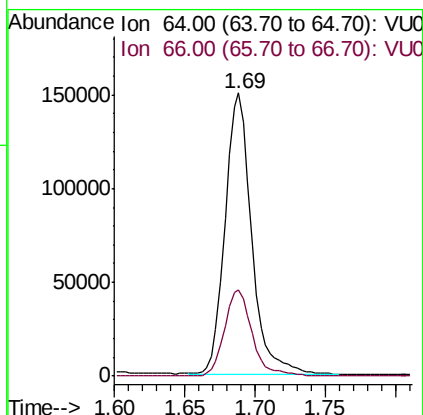
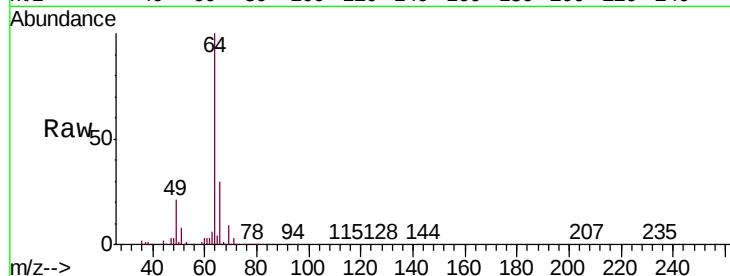
VICV56

Tgt Ion: 64 Resp: 198151

Ion Ratio Lower Upper

64 100

66 30.4 22.1 41.1



#9

Trichlorofluoromethane

Concen: 45.733 ug/L

RT: 1.88 min Scan# 245

Delta R.T. 0.00 min

Lab File: VU032190.D

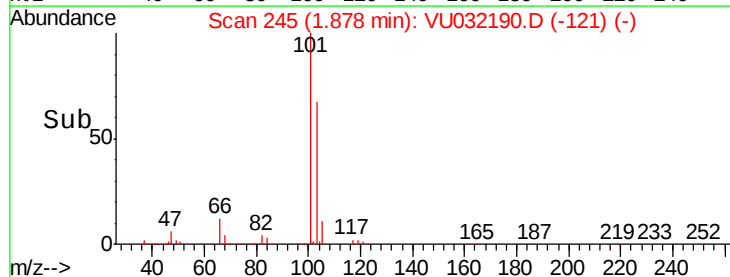
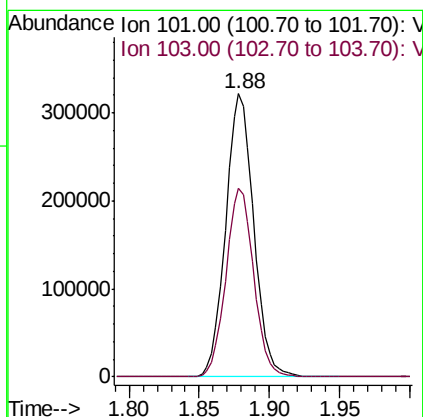
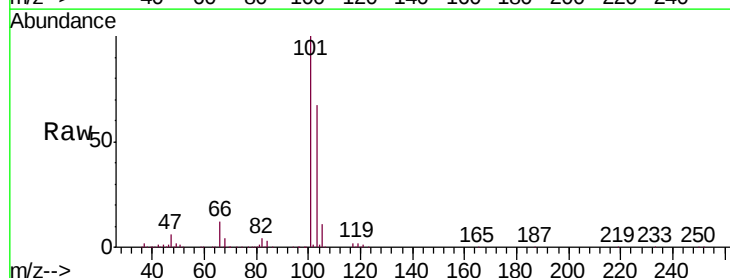
Acq: 21 May 2019 11:18

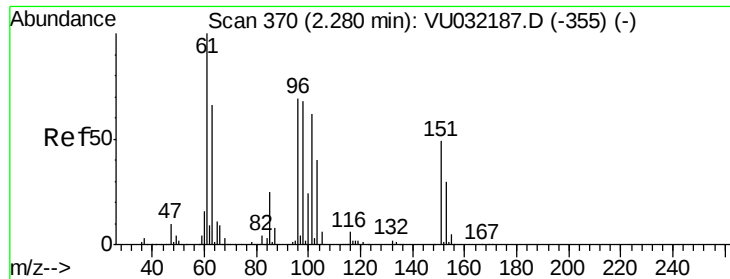
Tgt Ion: 101 Resp: 446663

Ion Ratio Lower Upper

101 100

103 66.2 52.5 78.7





#10

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

Concen: 45.339 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

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ClientSampleId :

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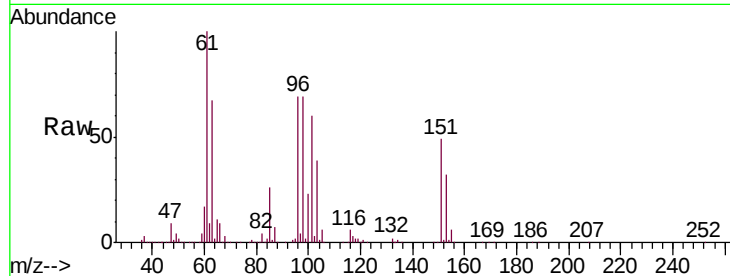
Tgt Ion: 101 Resp: 265428

Ion Ratio Lower Upper

101 100

85 42.6 32.5 48.7

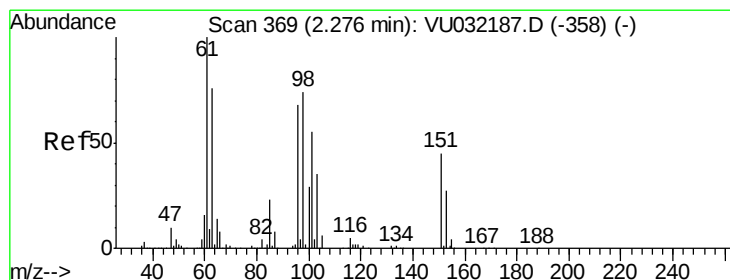
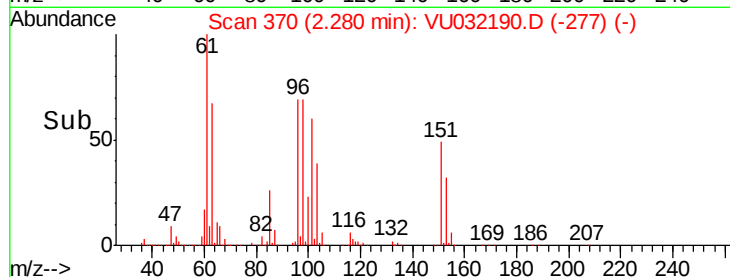
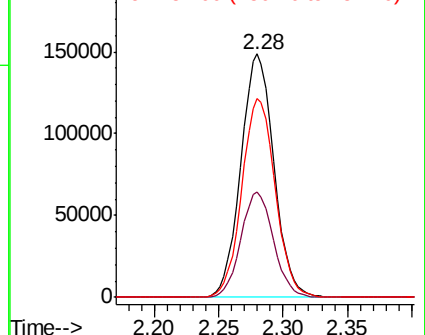
151 82.4 63.1 94.7



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: 47.004 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

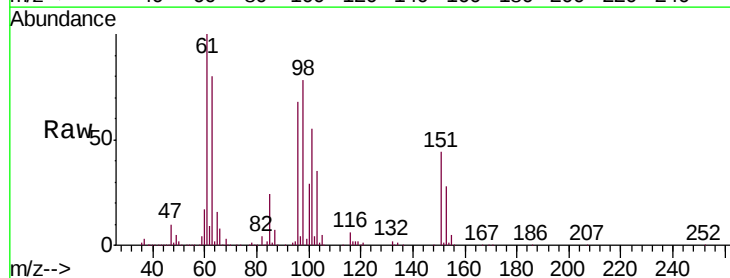
Tgt Ion: 96 Resp: 273609

Ion Ratio Lower Upper

96 100

61 147.9 103.7 192.7

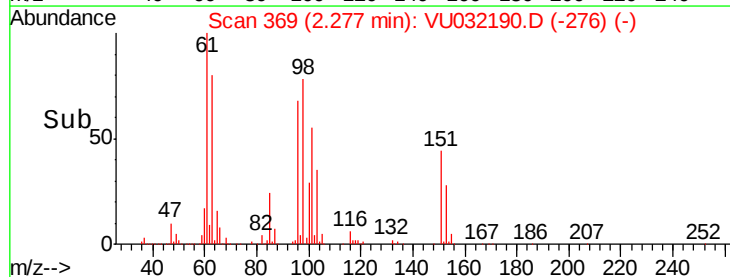
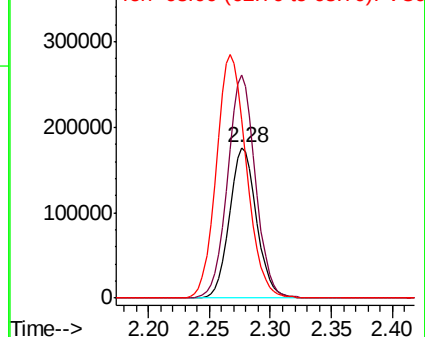
63 118.6 83.3 154.7

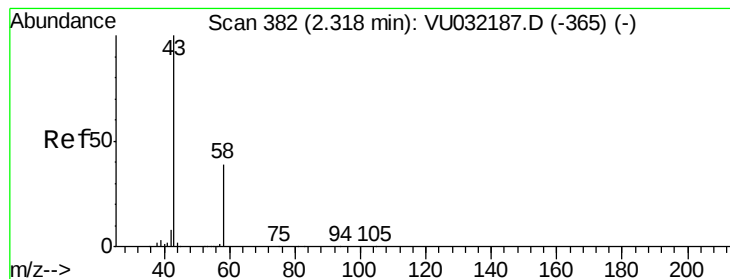


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 95.863 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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ClientSampleId :

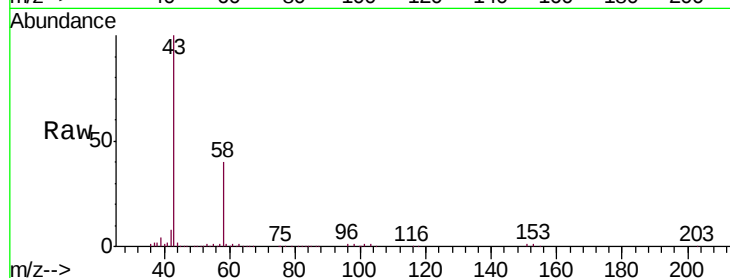
VICV56

Tgt Ion: 43 Resp: 341210

Ion Ratio Lower Upper

43 100

58 39.8 0.0 76.8



Abundance Ion 43.00 (42.70 to 43.70): VU032187.D (-365) (-)

Ion 58.00 (57.70 to 58.70): VU032187.D (-365) (-)

2.32

200000

150000

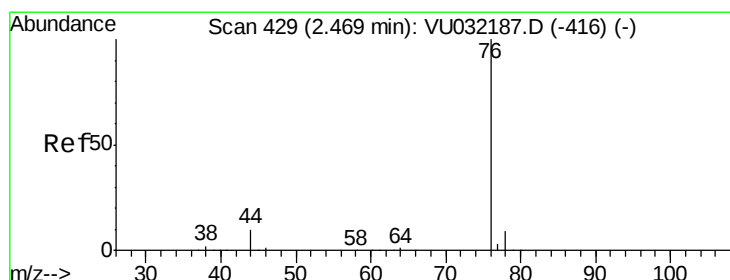
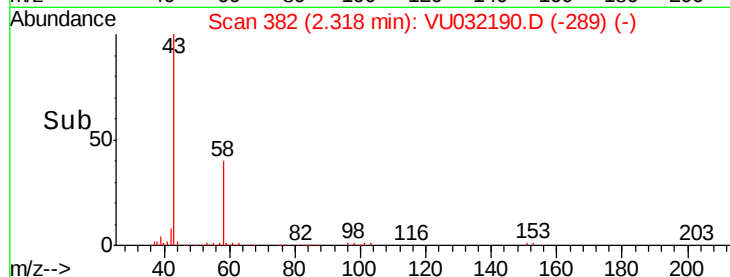
100000

50000

0

2.20 2.30 2.40

Time-->



#14

Carbon disulfide

Concen: 47.107 ug/L

RT: 2.47 min Scan# 429

Delta R.T. 0.00 min

Lab File: VU032190.D

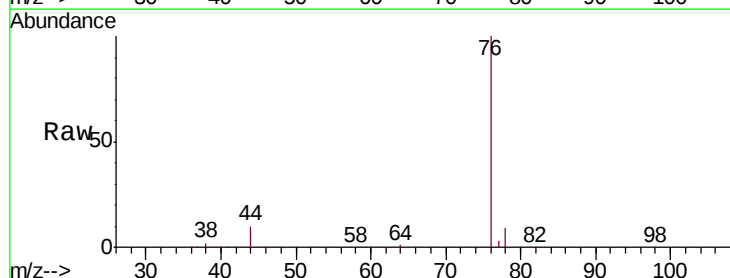
Acq: 21 May 2019 11:18

Tgt Ion: 76 Resp: 801722

Ion Ratio Lower Upper

76 100

78 9.1 7.4 11.0



Abundance Ion 76.00 (75.70 to 76.70): VU032187.D (-416) (-)

Ion 78.00 (77.70 to 78.70): VU032187.D (-416) (-)

2.47

500000

400000

300000

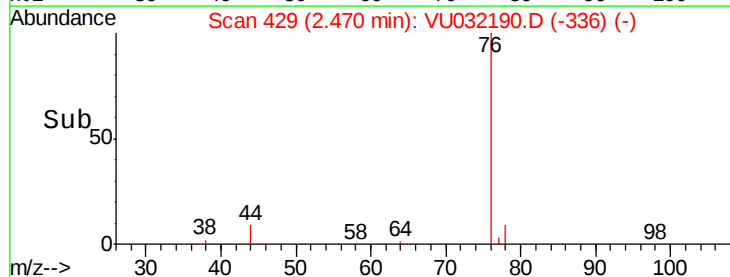
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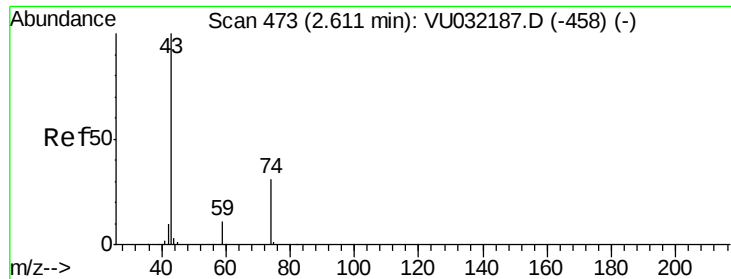
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0

2.40 2.50 2.60

Time-->

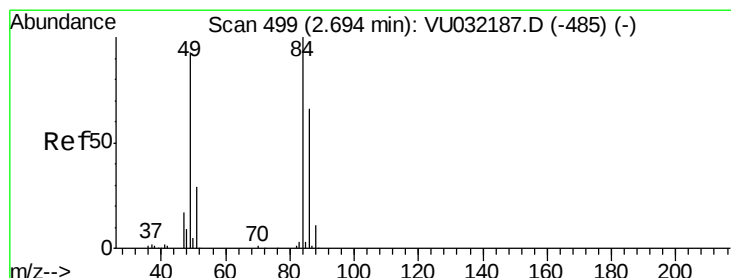
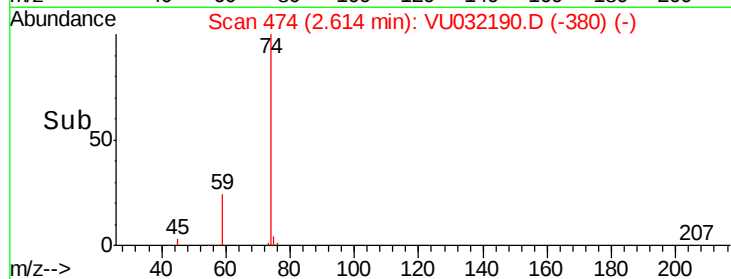
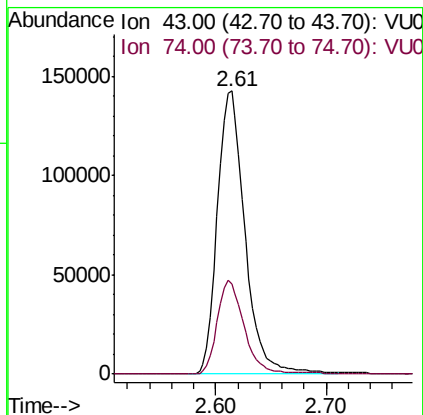
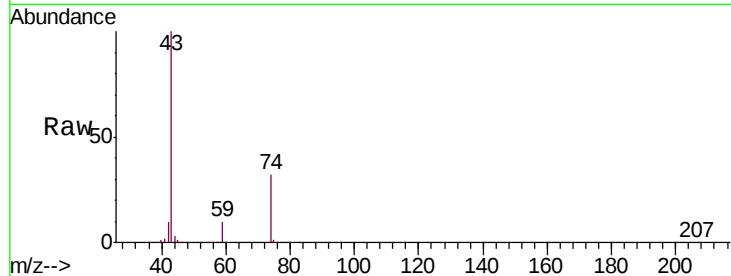




#15
Methyl Acetate
Concen: 48.507 ug/L
RT: 2.61 min Scan# 474
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

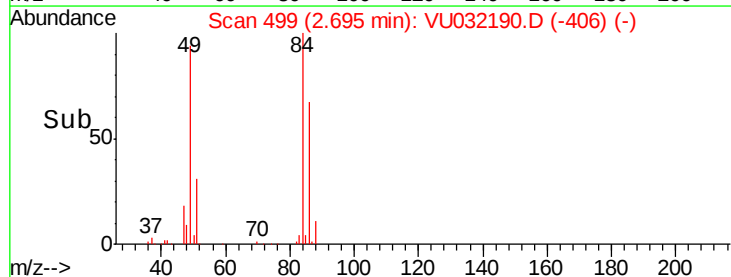
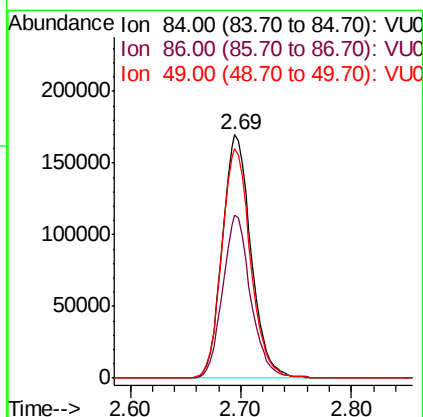
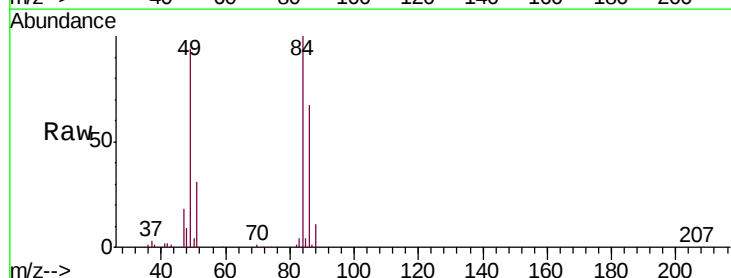
Instrument :
MSVOA_U
ClientSampleId :
VICV56

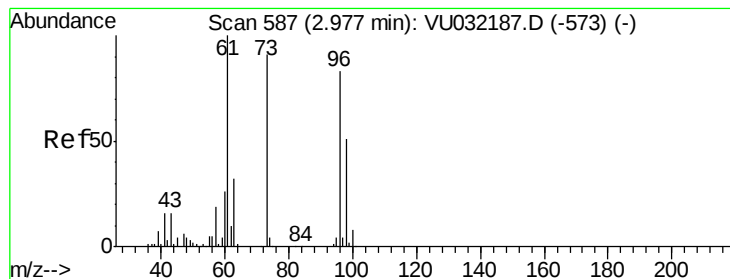
Tgt Ion: 43 Resp: 246323
Ion Ratio Lower Upper
43 100
74 32.3 25.4 38.0



#16
Methylene chloride
Concen: 45.911 ug/L
RT: 2.69 min Scan# 499
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Tgt Ion: 84 Resp: 306741
Ion Ratio Lower Upper
84 100
86 67.1 46.0 85.4
49 94.1 64.8 120.4





#17

trans-1,2-Dichloroethene

Concen: 47.925 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

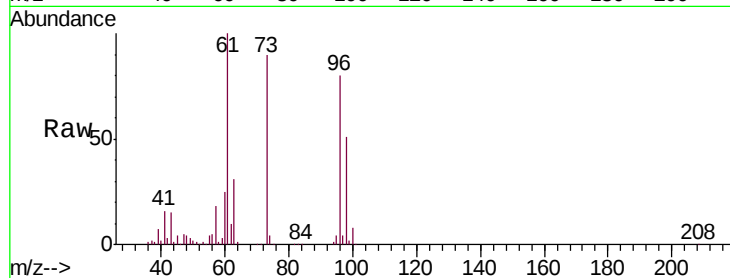
Tgt Ion: 96 Resp: 288614

Ion Ratio Lower Upper

96 100

61 124.4 83.9 155.9

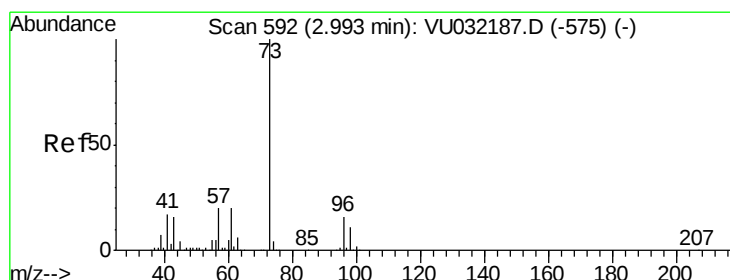
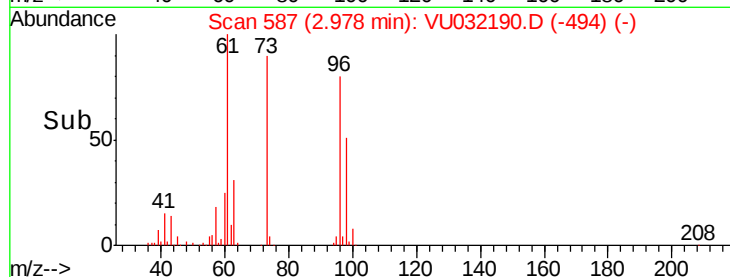
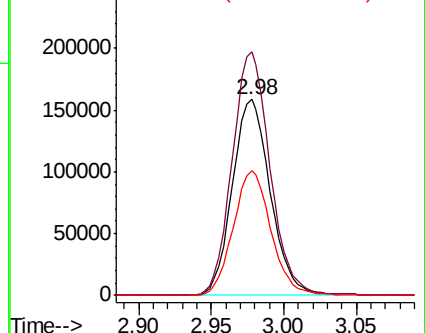
98 63.9 42.4 78.8



Abundance Ion 96.00 (95.70 to 96.70): VU032187.D (-573) (-)

Ion 61.00 (60.70 to 61.70): VU032187.D (-573) (-)

Ion 98.00 (97.70 to 98.70): VU032187.D (-573) (-)



#18

Methyl tert-butyl Ether

Concen: 48.495 ug/L

RT: 2.99 min Scan# 592

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

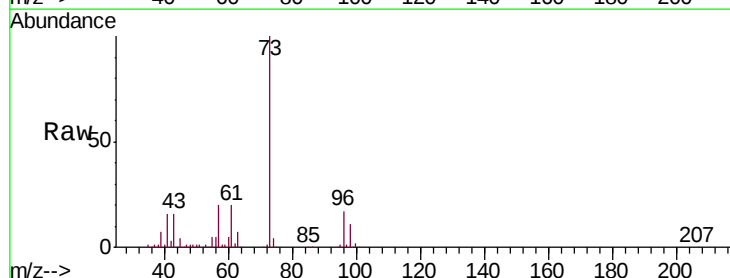
Tgt Ion: 73 Resp: 837374

Ion Ratio Lower Upper

73 100

43 16.2 13.0 19.6

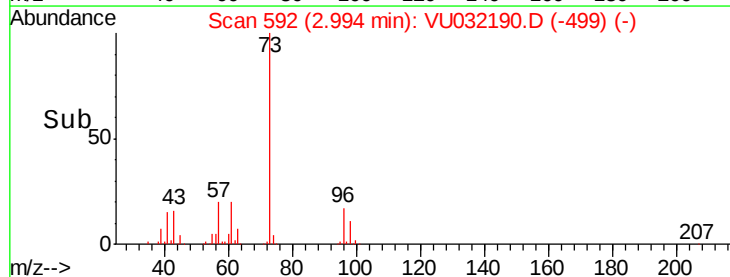
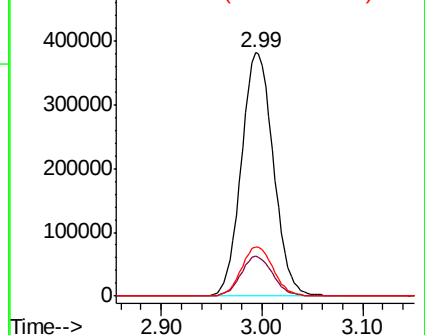
57 20.2 16.1 24.1

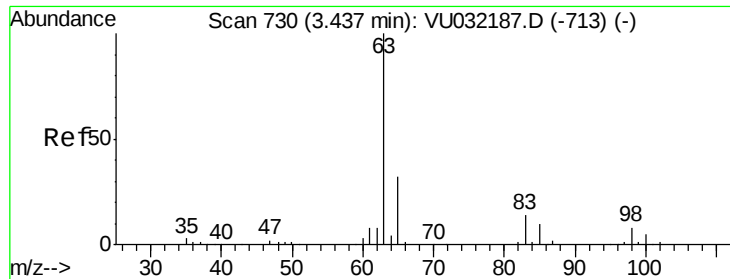


Abundance Ion 73.00 (72.70 to 73.70): VU032187.D (-575) (-)

Ion 43.00 (42.70 to 43.70): VU032187.D (-575) (-)

Ion 57.00 (56.70 to 57.70): VU032187.D (-575) (-)

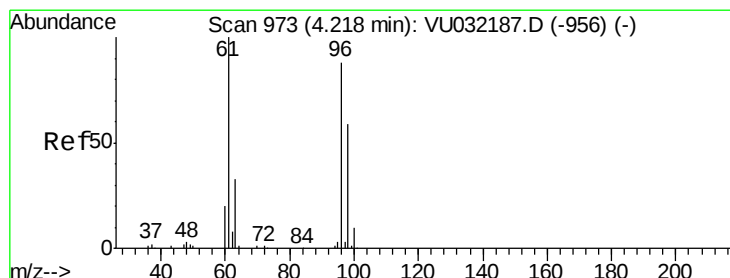
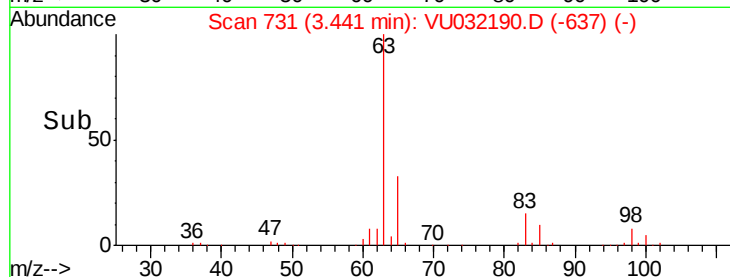
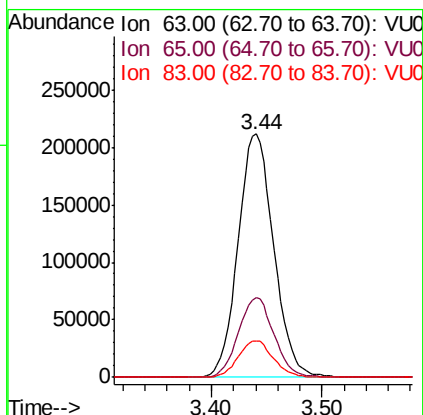
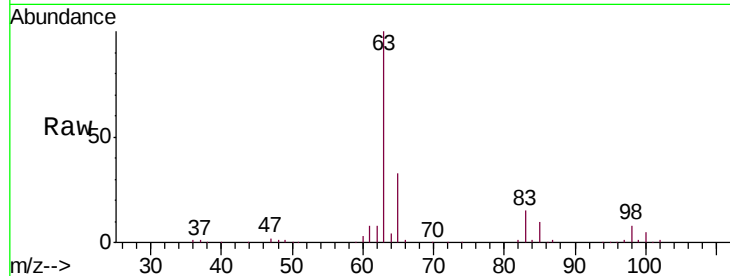




#19
 1,1-Dichloroethane
 Concen: 46.682 ug/L
 RT: 3.44 min Scan# 731
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

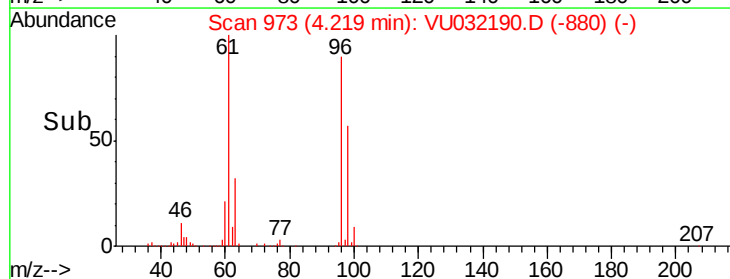
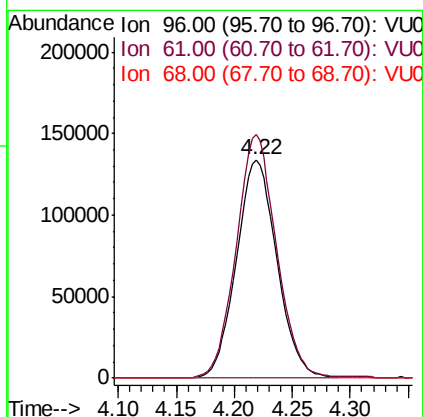
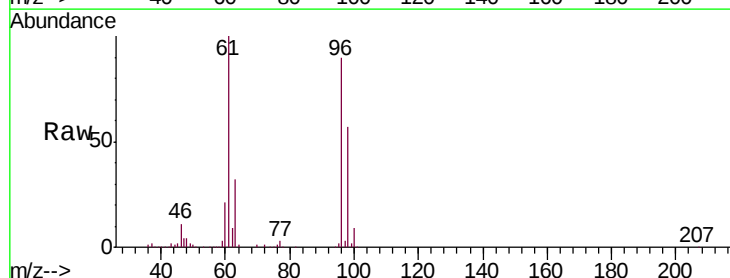
Instrument :
 MSVOA_U
 ClientSampled :
 VICV56

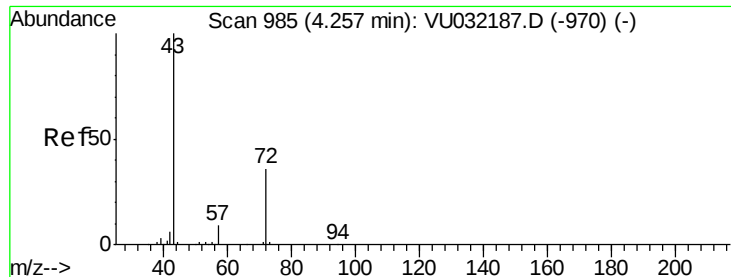
Tgt Ion: 63 Resp: 474671
 Ion Ratio Lower Upper
 63 100
 65 32.7 22.4 41.6
 83 15.1 10.1 18.7



#20
 cis-1,2-Dichloroethene
 Concen: 48.311 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion: 96 Resp: 325342
 Ion Ratio Lower Upper
 96 100
 61 111.6 79.9 148.3
 68 0.0 0.0 0.0





#22

2-Butanone

Concen: 102.670 ug/L

RT: 4.26 min Scan# 985

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

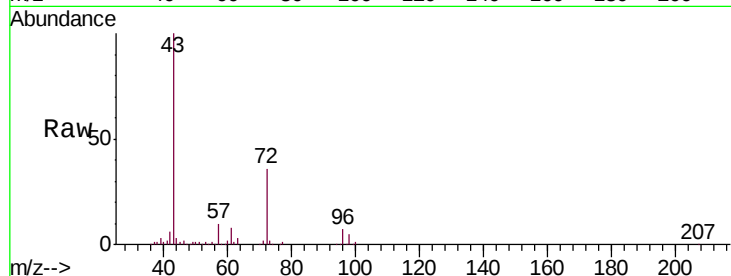
VICV56

Tgt Ion: 43 Resp: 404818

Ion Ratio Lower Upper

43 100

72 36.5 17.8 53.3



Abundance Ion 43.00 (42.70 to 43.70): VU032187.D (-970) (-)

Ion 72.00 (71.70 to 72.70): VU032187.D (-970) (-)

4.26

150000

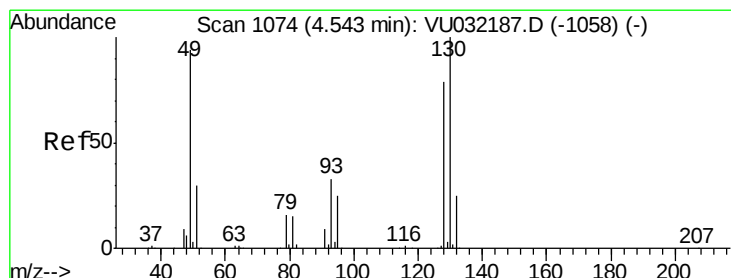
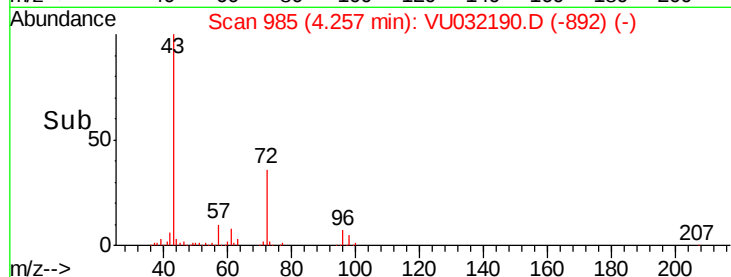
100000

50000

0

4.20 4.30 4.40

Time-->



#23

Bromochloromethane

Concen: 47.389 ug/L

RT: 4.54 min Scan# 1074

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Tgt Ion: 128 Resp: 171521

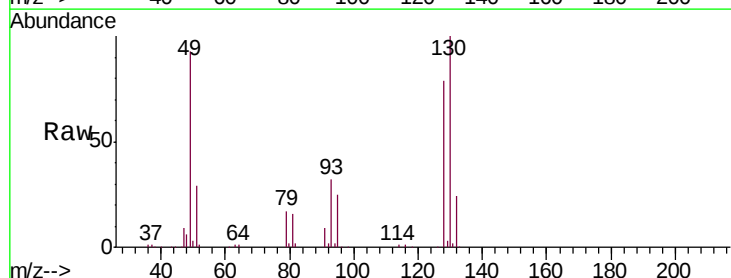
Ion Ratio Lower Upper

128 100

49 118.2 83.5 155.1

130 126.8 89.2 165.6

51 36.8 30.9 46.3



Abundance Ion 128.00 (127.70 to 128.70): VU032187.D (-1058) (-)

Ion 49.00 (48.70 to 49.70): VU032187.D (-1058) (-)

Ion 130.00 (129.70 to 130.70): VU032187.D (-1058) (-)

Ion 51.00 (50.70 to 51.70): VU032187.D (-1058) (-)

4.54

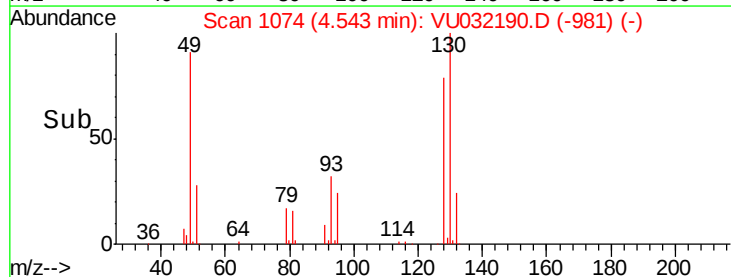
100000

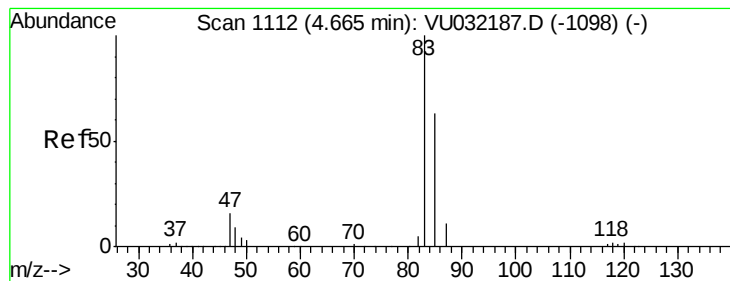
50000

0

4.45 4.50 4.55 4.60 4.65

Time-->





#25

Chloroform

Concen: 47.093 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

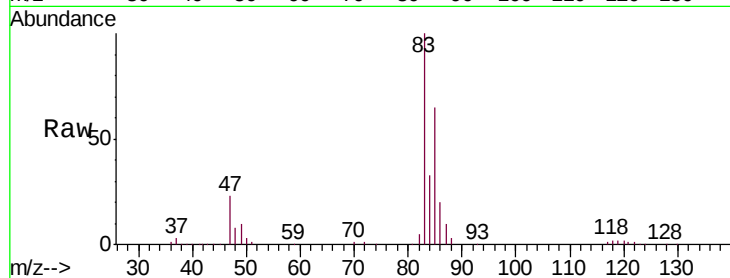
VICV56

Tgt Ion: 83 Resp: 527066

Ion Ratio Lower Upper

83 100

85 64.8 45.3 84.1



Abundance Ion 83.00 (82.70 to 83.70): VU032187.D (-1098) (-)

Ion 85.00 (84.70 to 85.70): VU032187.D (-1098) (-)

4.67

250000

200000

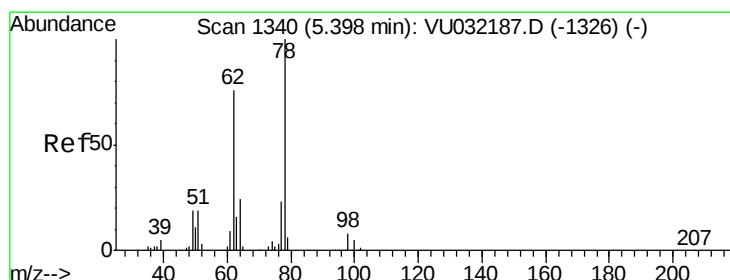
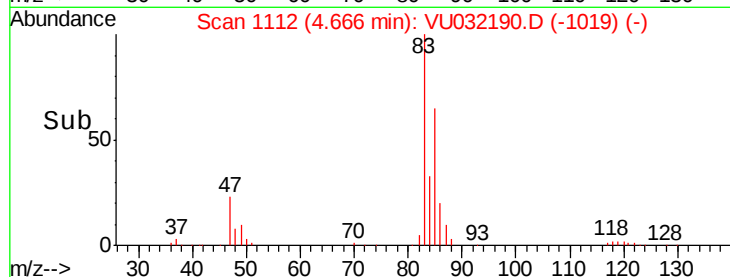
150000

100000

50000

0

Time-->



#27

1,2-Dichloroethane

Concen: 47.191 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VU032190.D

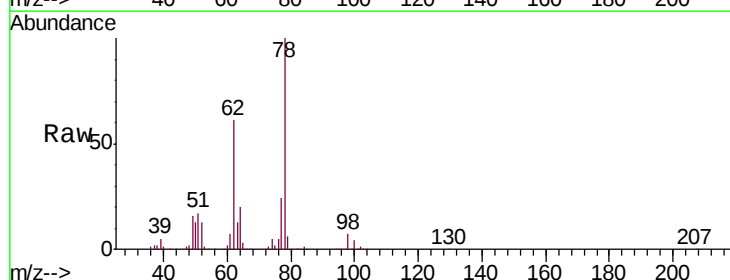
Acq: 21 May 2019 11:18

Tgt Ion: 62 Resp: 387209

Ion Ratio Lower Upper

62 100

98 10.7 8.2 12.2



Abundance Ion 62.00 (61.70 to 62.70): VU032187.D (-1326) (-)

Ion 98.00 (97.70 to 98.70): VU032187.D (-1326) (-)

5.40

200000

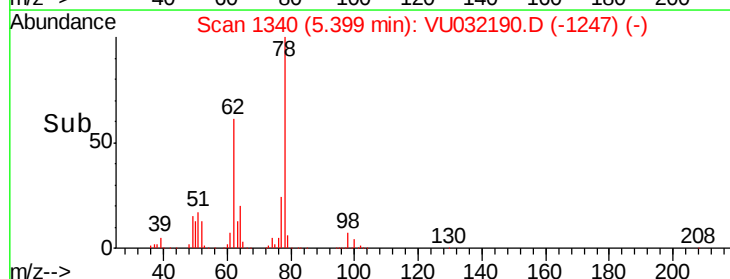
150000

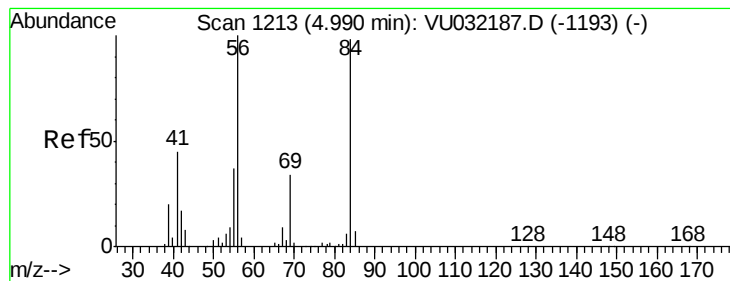
100000

50000

0

Time-->





#29

Cyclohexane

Concen: 50.537 ug/L

RT: 4.99 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

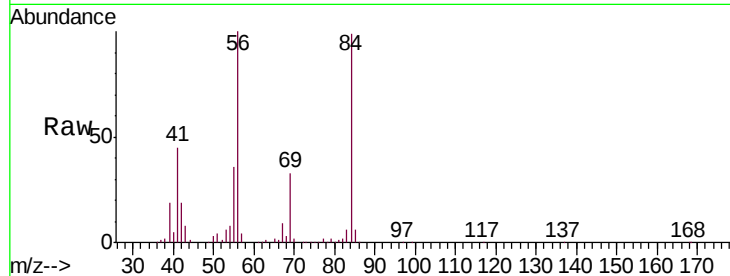
Tgt Ion: 56 Resp: 401609

Ion Ratio Lower Upper

56 100

69 34.1 27.6 41.4

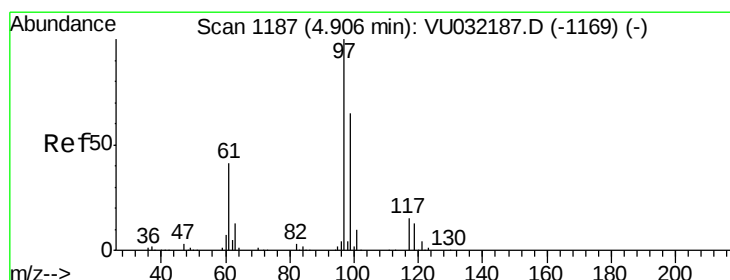
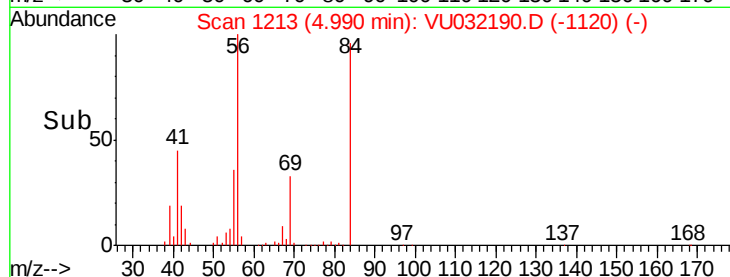
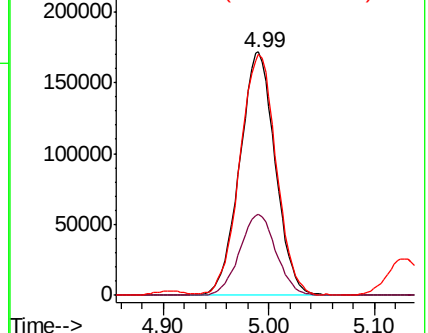
84 101.1 79.3 118.9



Abundance Ion 56.00 (55.70 to 56.70): VU032187.D (-1193) (-)

Ion 69.00 (68.70 to 69.70): VU032187.D (-1193) (-)

Ion 84.00 (83.70 to 84.70): VU032187.D (-1193) (-)



#30

1,1,1-Trichloroethane

Concen: 48.378 ug/L

RT: 4.91 min Scan# 1188

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

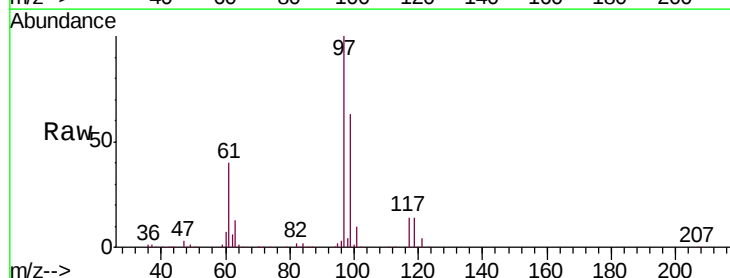
Tgt Ion: 97 Resp: 439843

Ion Ratio Lower Upper

97 100

99 65.3 51.4 77.2

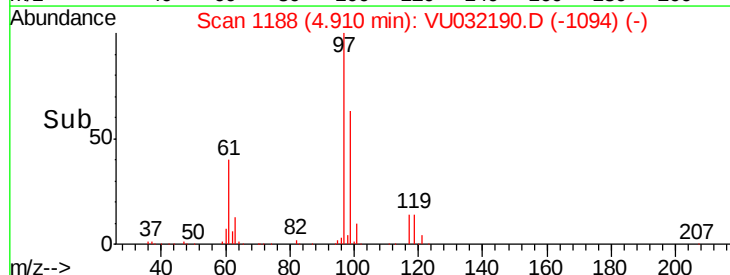
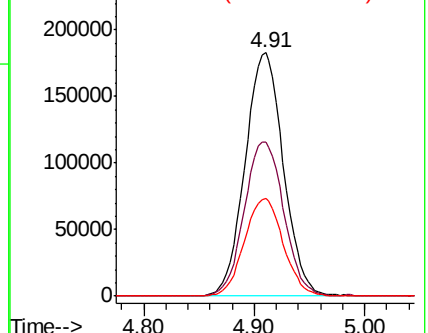
61 40.5 33.4 50.0

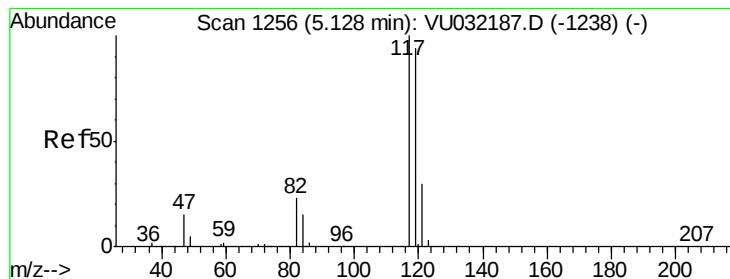


Abundance Ion 97.00 (96.70 to 97.70): VU032187.D (-1169) (-)

Ion 99.00 (98.70 to 99.70): VU032187.D (-1169) (-)

Ion 61.05 (60.75 to 61.75): VU032187.D (-1169) (-)





#31

Carbon tetrachloride

Concen: 49.048 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

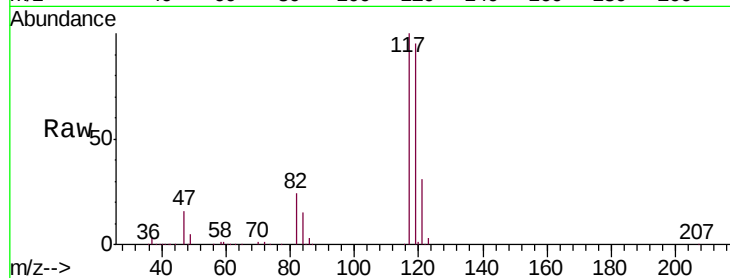
VICV56

Tgt Ion:117 Resp: 393499

Ion Ratio Lower Upper

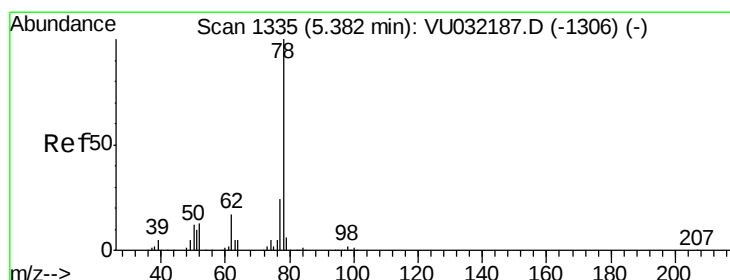
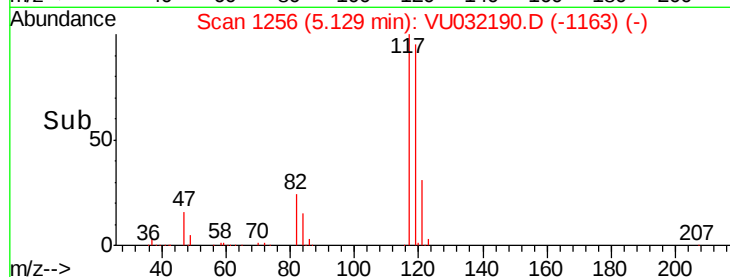
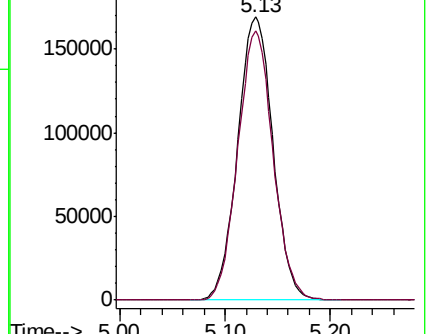
117 100

119 94.9 75.4 113.2



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V



#33

Benzene

Concen: 49.460 ug/L

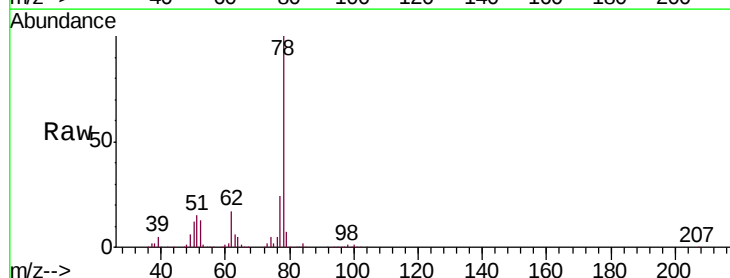
RT: 5.38 min Scan# 1335

Delta R.T. 0.00 min

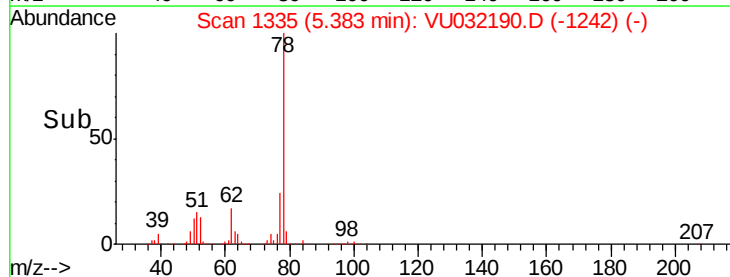
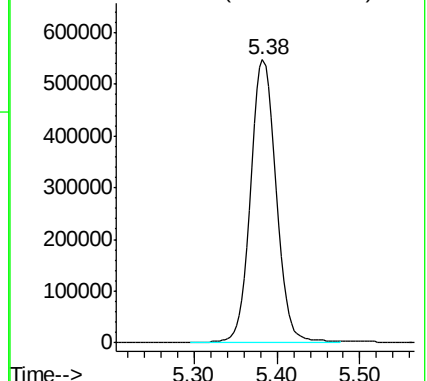
Lab File: VU032190.D

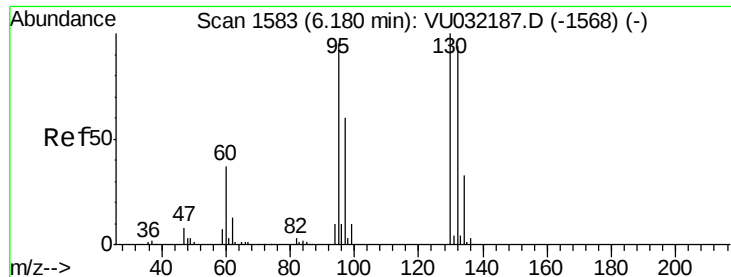
Acq: 21 May 2019 11:18

Tgt Ion: 78 Resp: 1176783



Abundance Ion 78.00 (77.70 to 78.70): VU0

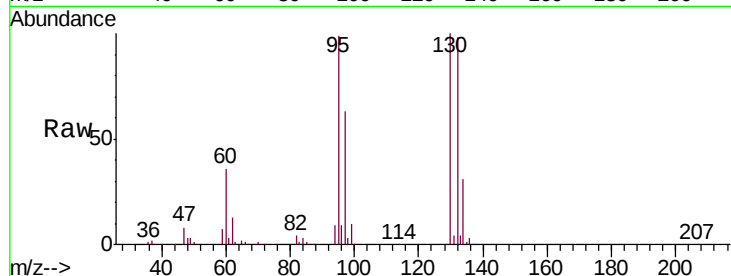




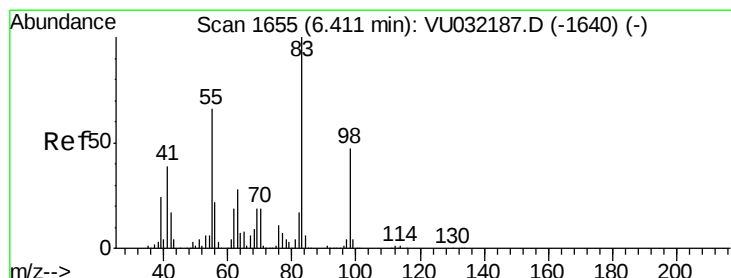
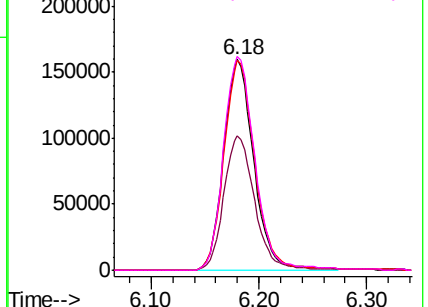
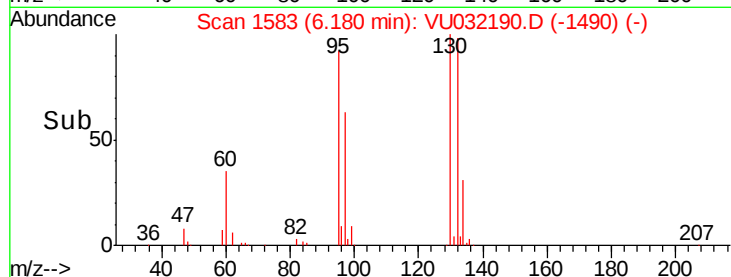
#34
 Trichloroethene
 Concen: 48.788 ug/L
 RT: 6.18 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Instrument :
 MSVOA_U
 ClientSampled :
 VICV56

Tgt Ion:	95	Resp:	310313
Ion	Ratio	Lower	Upper
95	100		
97	63.8	44.5	82.7
132	99.4	69.4	129.0
130	101.2	73.8	137.0

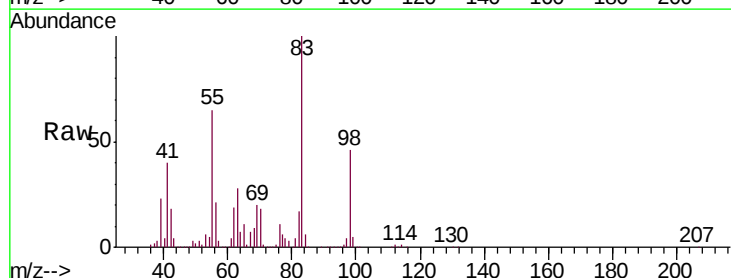


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

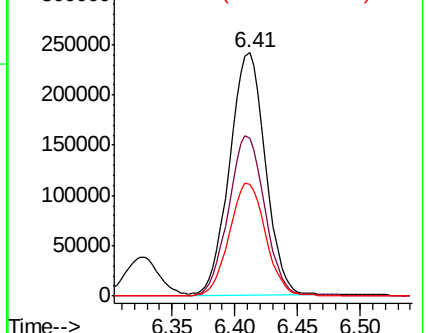
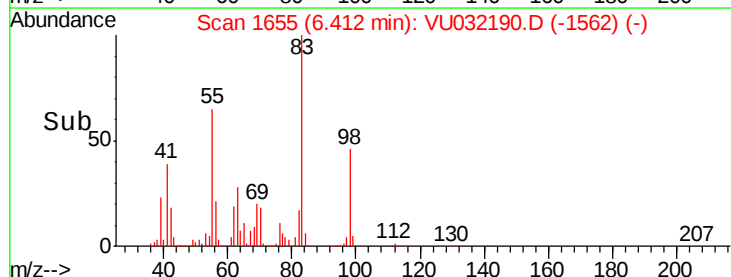


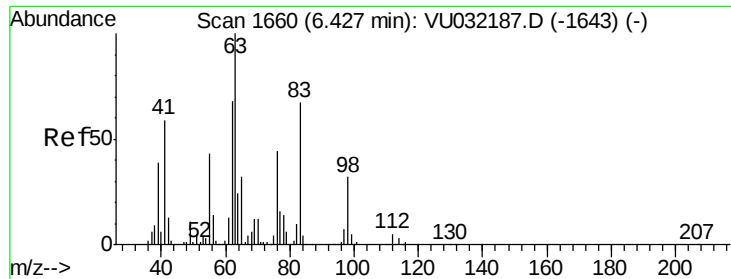
#35
 Methylcyclohexane
 Concen: 49.901 ug/L
 RT: 6.41 min Scan# 1655
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion:	83	Resp:	479374
Ion	Ratio	Lower	Upper
83	100		
55	67.1	53.8	80.8
98	47.3	38.4	57.6



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

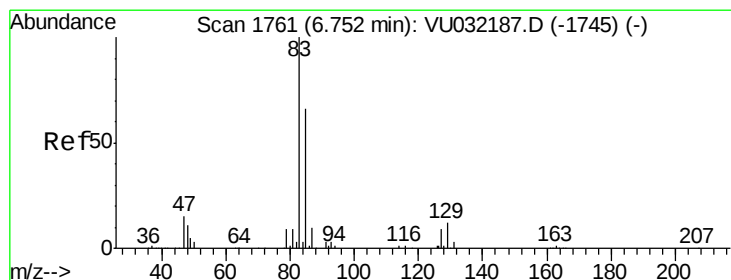
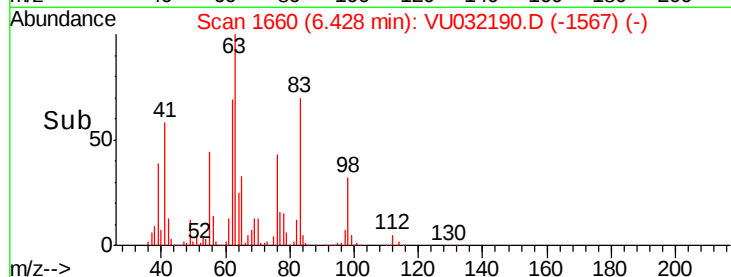
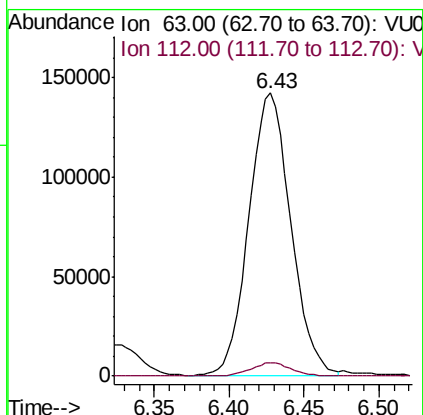
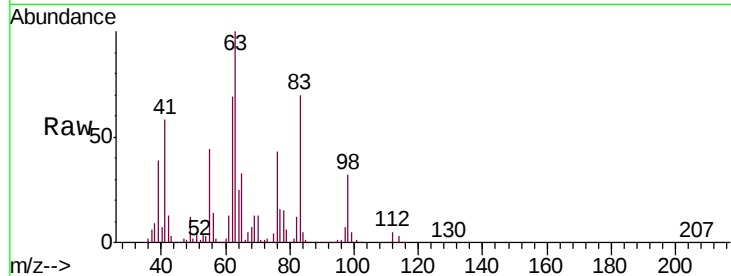




#37
 1,2-Dichloropropane
 Concen: 47.537 ug/L
 RT: 6.43 min Scan# 1660
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

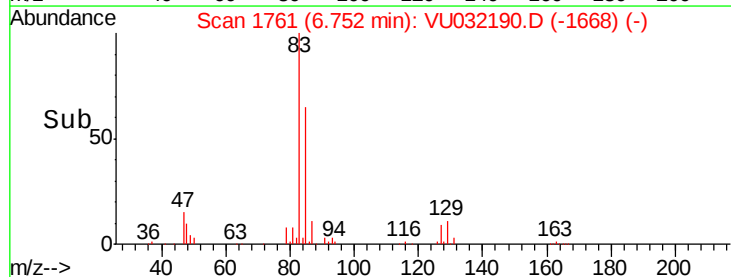
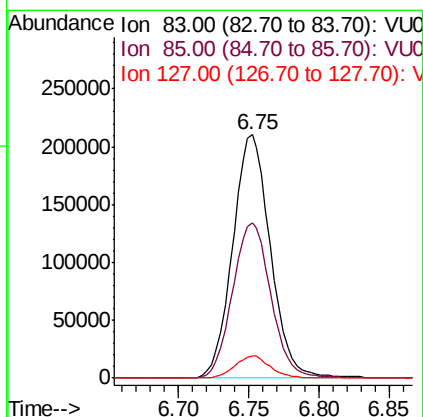
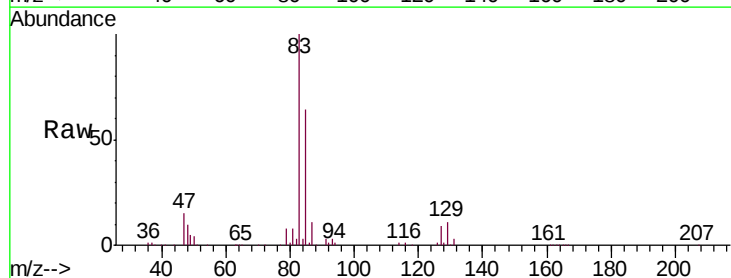
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV56

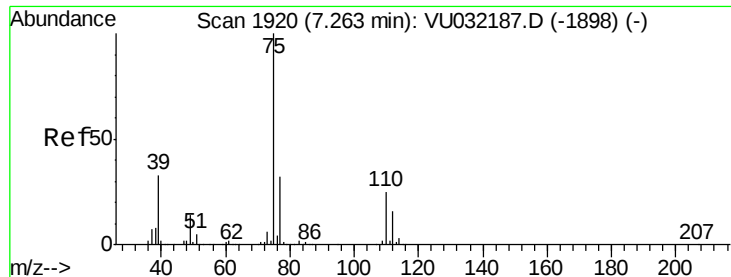
Tgt Ion: 63 Resp: 276012
 Ion Ratio Lower Upper
 63 100
 112 4.8 3.8 5.6



#38
 Bromodichloromethane
 Concen: 48.844 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion: 83 Resp: 391425
 Ion Ratio Lower Upper
 83 100
 85 63.9 46.0 85.4
 127 9.3 7.5 11.3

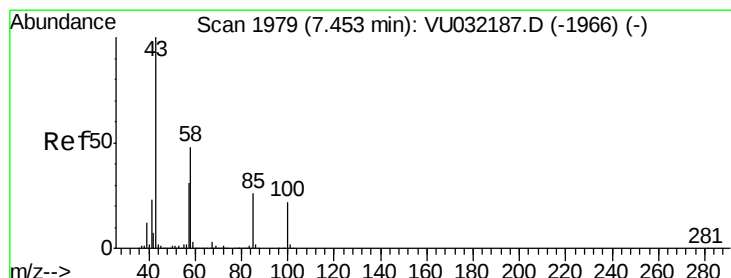
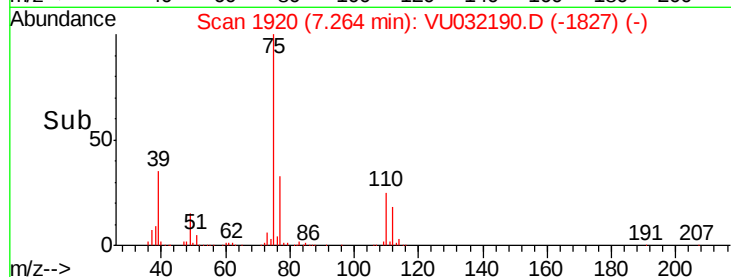
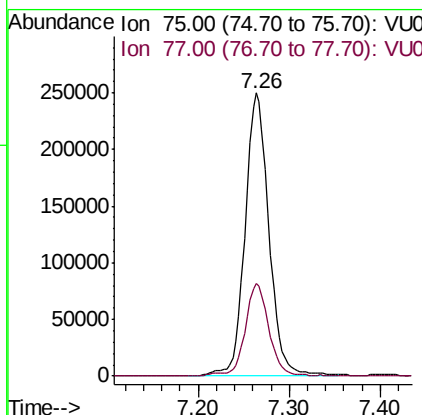
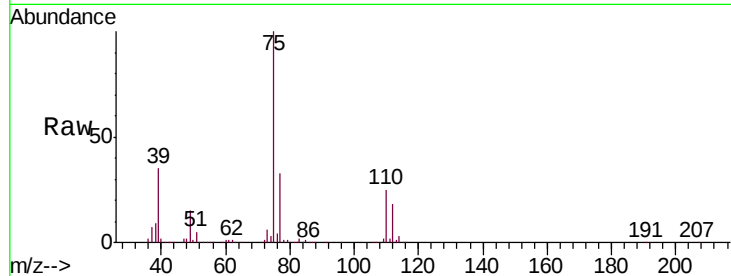




#39
 cis-1,3-Dichloropropene
 Concen: 50.030 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

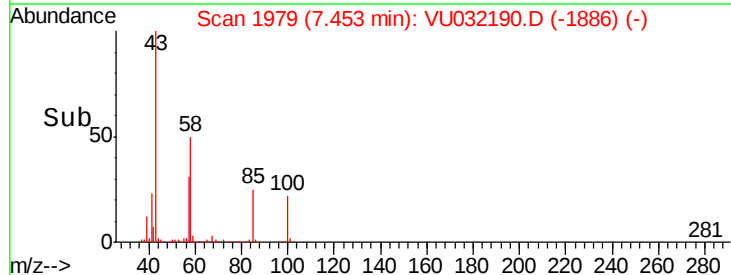
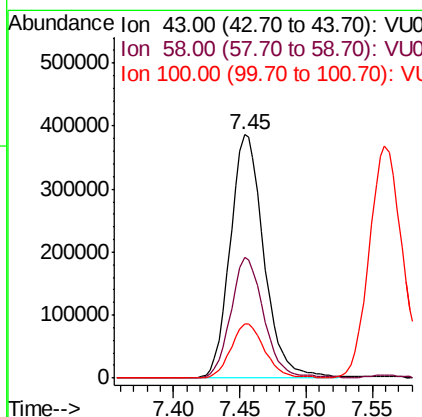
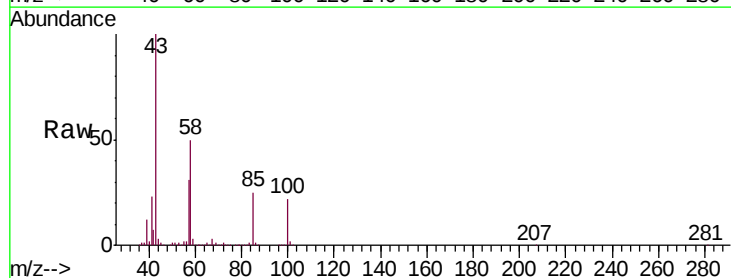
Instrument :
 MSVOA_U
 ClientSampled :
 VICV56

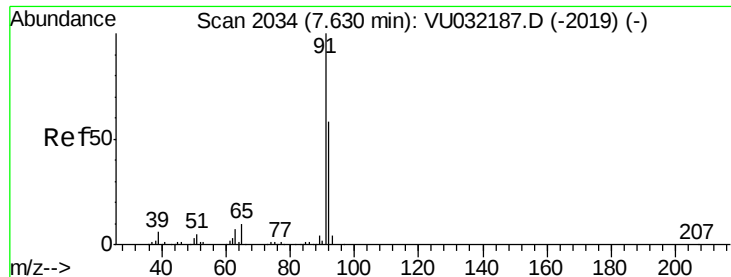
Tgt Ion: 75 Resp: 455956
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.2 41.2



#40
 4-Methyl-2-pentanone
 Concen: 102.869 ug/L
 RT: 7.45 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion: 43 Resp: 682842
 Ion Ratio Lower Upper
 43 100
 58 48.9 38.6 58.0
 100 22.3 17.9 26.9





#42

Toluene

Concen: 51.163 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

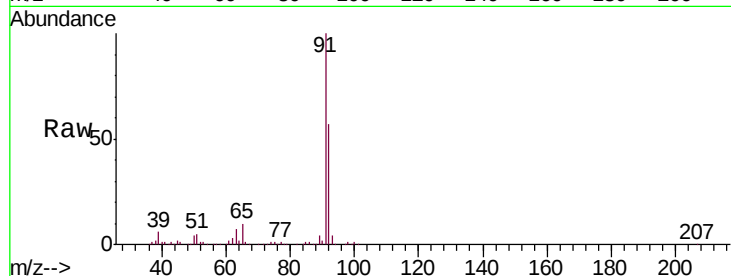
VICV56

Tgt Ion: 91 Resp: 1344166

Ion Ratio Lower Upper

91 100

92 57.0 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VU032187.D (-2019) (-)

Ion 92.00 (91.70 to 92.70): VU032187.D (-2019) (-)

7.63

800000

600000

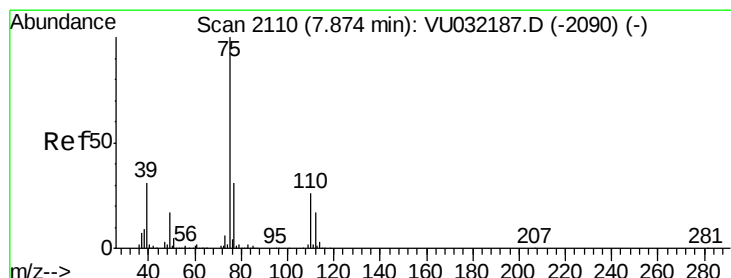
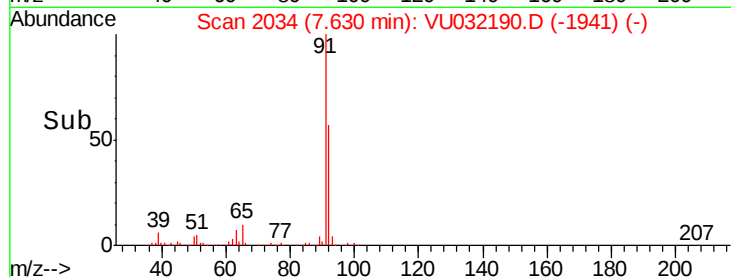
400000

200000

0

7.50 7.60 7.70 7.80

Time-->



#44

trans-1,3-Dichloropropene

Concen: 50.641 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VU032190.D

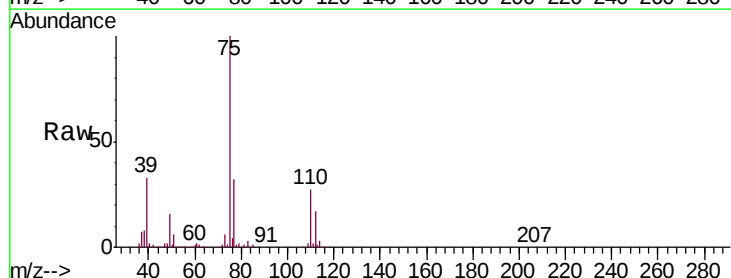
Acq: 21 May 2019 11:18

Tgt Ion: 75 Resp: 410316

Ion Ratio Lower Upper

75 100

77 32.2 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU032187.D (-2090) (-)

Ion 77.00 (76.70 to 77.70): VU032187.D (-2090) (-)

7.87

250000

200000

150000

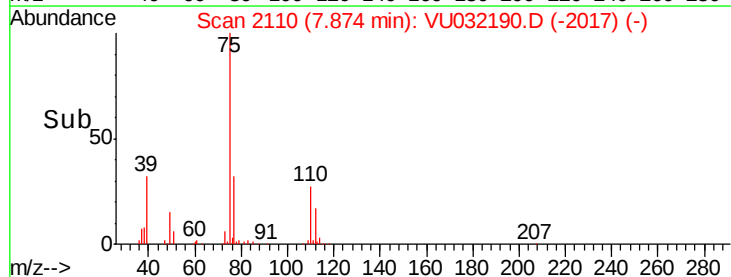
100000

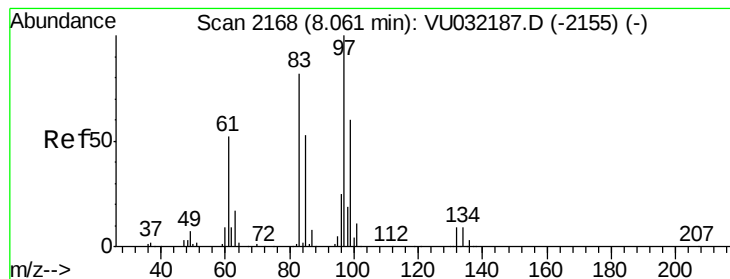
50000

0

7.80 7.90 8.00

Time-->





#45

1,1,2-Trichloroethane

Concen: 48.226 ug/L

RT: 8.06 min Scan# 2168

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

Tgt Ion: 97 Resp: 303443

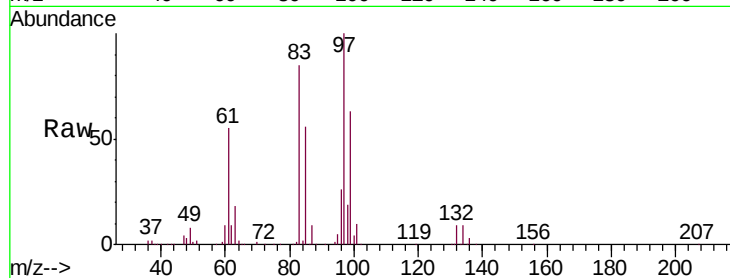
Ion Ratio Lower Upper

97 100

99 63.0 41.8 77.6

83 84.8 57.3 106.3

85 56.3 37.2 69.2

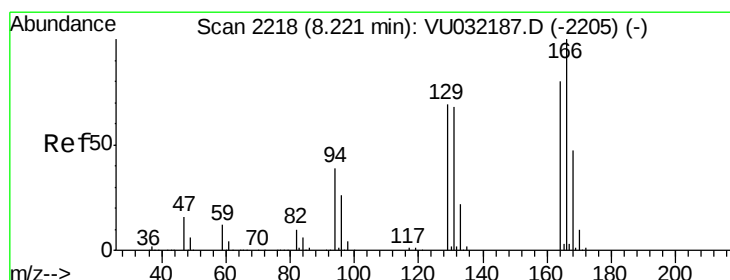
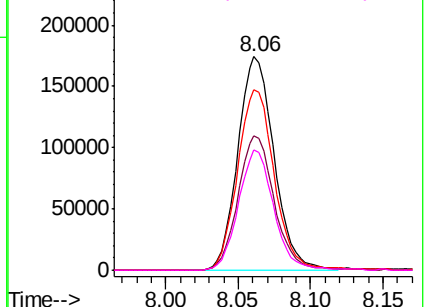
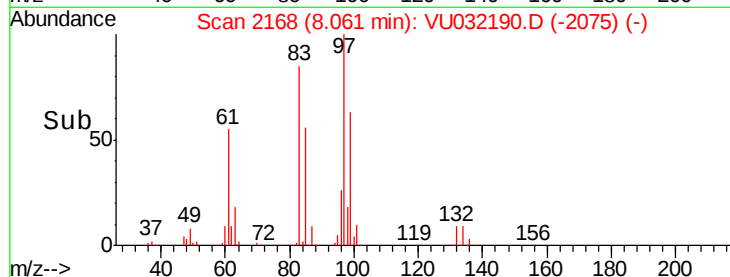


Abundance Ion 97.00 (96.70 to 97.70): VU0

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



#46

Tetrachloroethene

Concen: 49.327 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Tgt Ion: 164 Resp: 259078

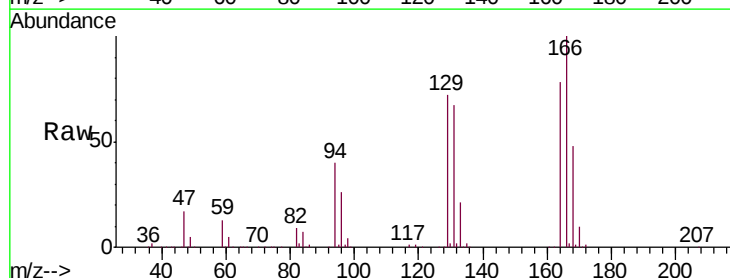
Ion Ratio Lower Upper

164 100

129 92.0 60.8 113.0

131 86.0 59.7 110.9

166 127.8 87.6 162.6

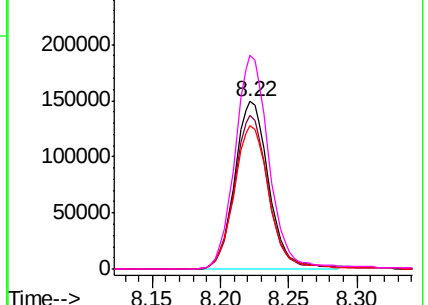
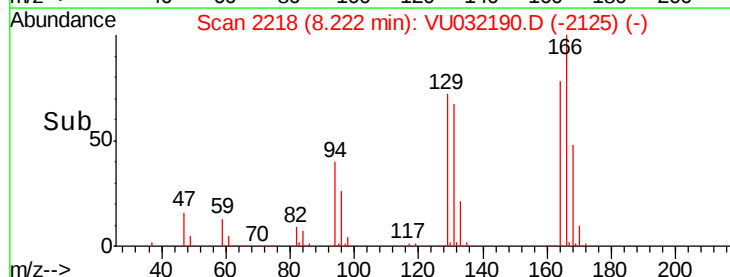


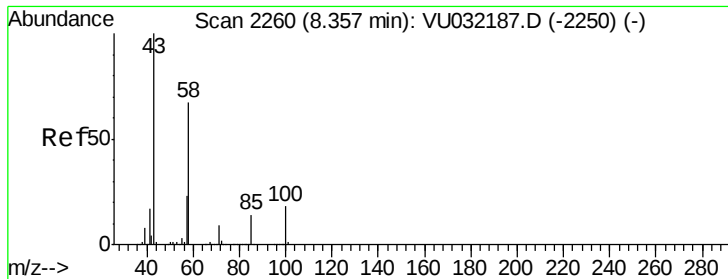
Abundance Ion 164.00 (163.70 to 164.70): V

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

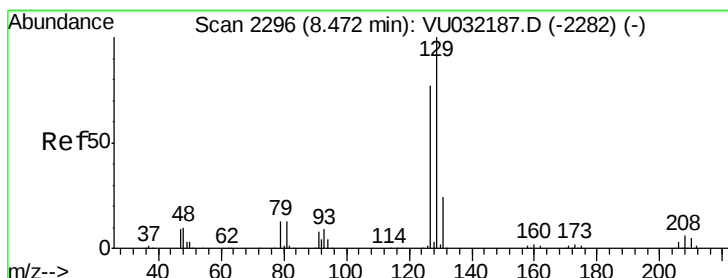
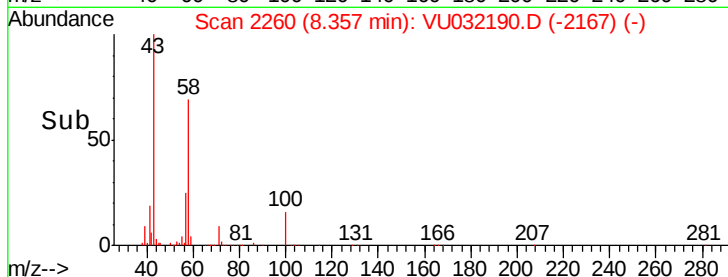
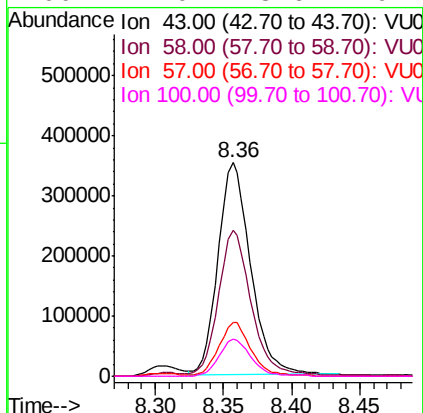
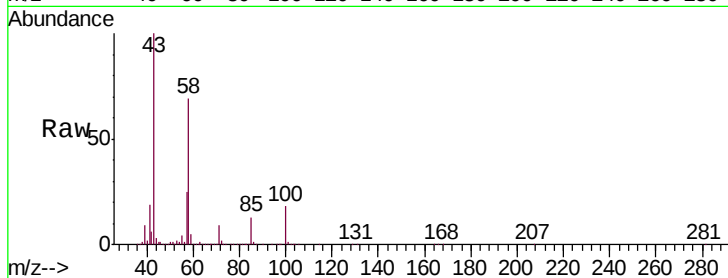




#48
2-Hexanone
Concen: 103.573 ug/L
RT: 8.36 min Scan# 2260
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

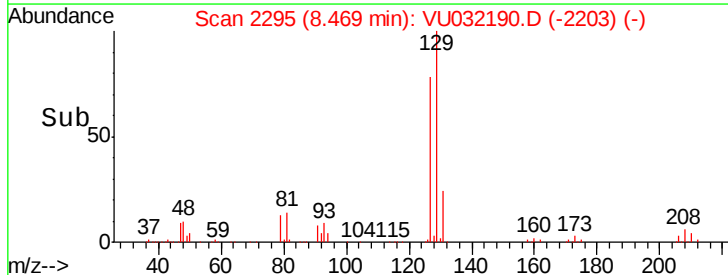
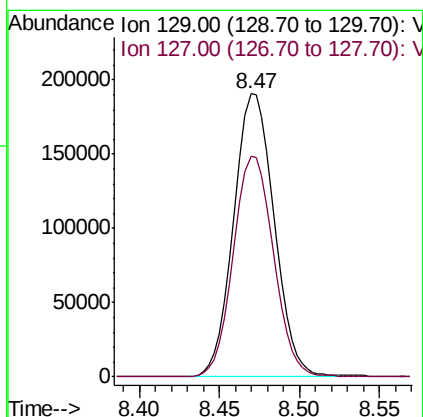
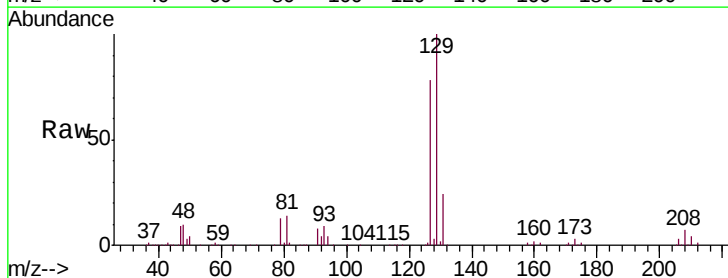
Instrument :
MSVOA_U
ClientSampleId :
VICV56

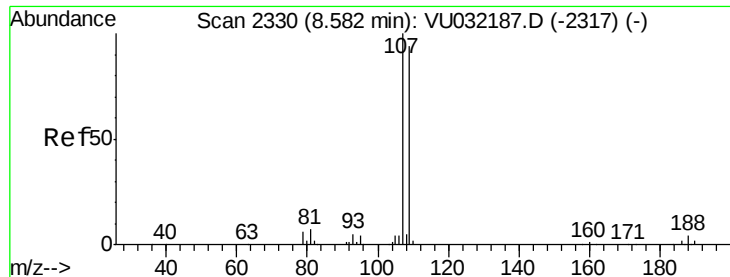
Tgt Ion:	43	Resp:	588958
Ion	Ratio	Lower	Upper
43	100		
58	68.3	54.1	81.1
57	24.5	19.4	29.0
100	17.0	13.6	20.4



#49
Dibromochloromethane
Concen: 48.952 ug/L
RT: 8.47 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Tgt Ion:	129	Resp:	330359
Ion	Ratio	Lower	Upper
129	100		
127	77.8	53.6	99.6

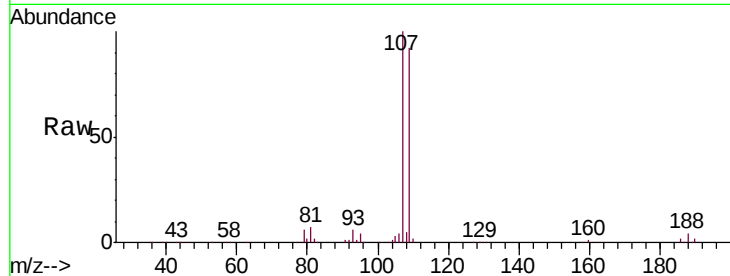




#50
1,2-Dibromoethane
Concen: 50.032 ug/L
RT: 8.58 min Scan# 2330
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Instrument :
MSVOA_U
ClientSampleId :
VICV56

Tgt Ion	Ratio	Lower	Upper
107	100		
109	92.1	65.7	122.1
188	4.1	3.1	4.7

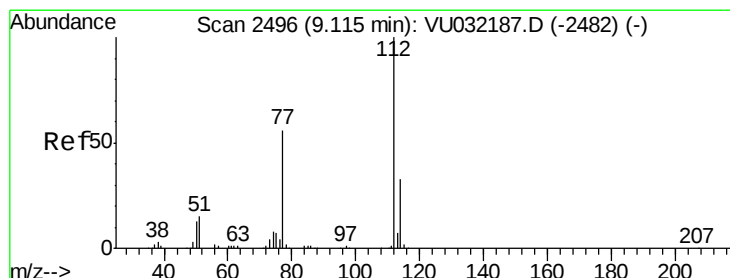
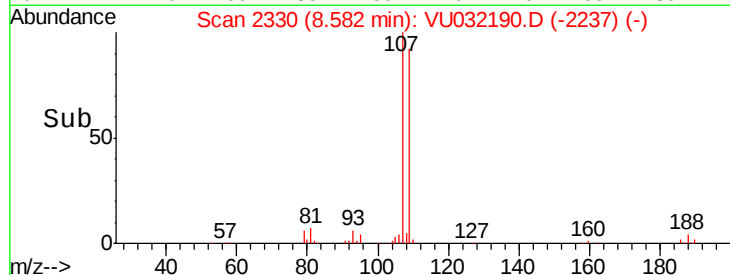
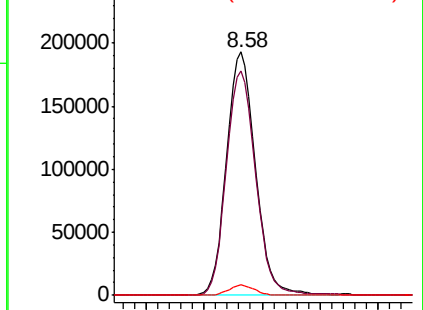


Abundance

Ion 107.00 (106.70 to 107.70): V

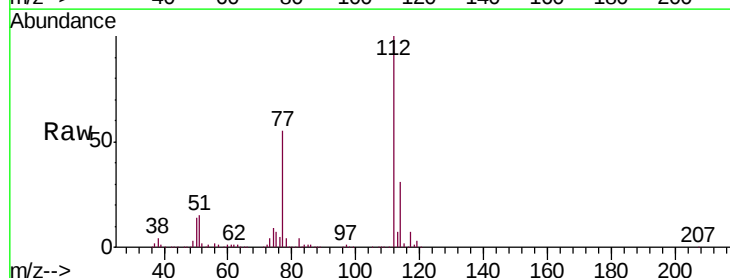
Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V



#51
Chlorobenzene
Concen: 48.702 ug/L
RT: 9.11 min Scan# 2495
Delta R.T. -0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Tgt Ion	Ratio	Lower	Upper
112	100		
114	31.2	23.1	42.9
77	54.8	44.9	67.3

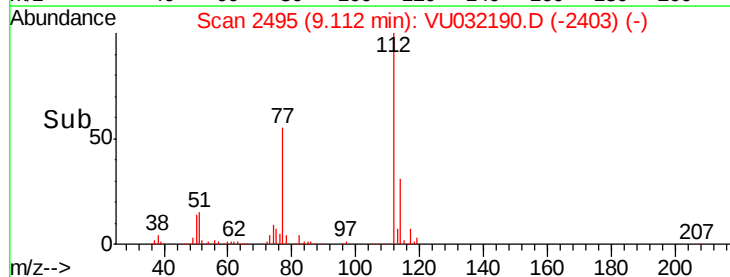
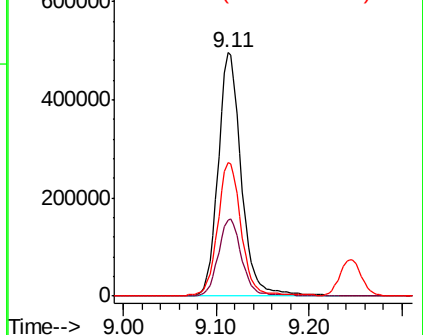


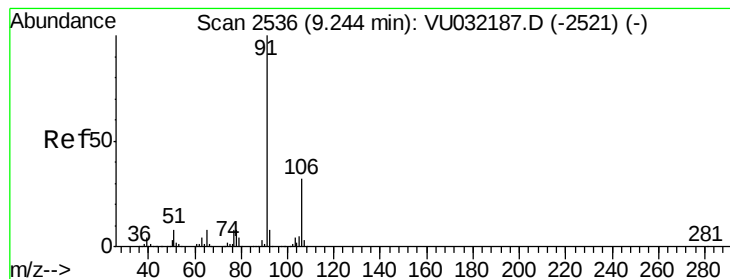
Abundance

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: 50.281 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

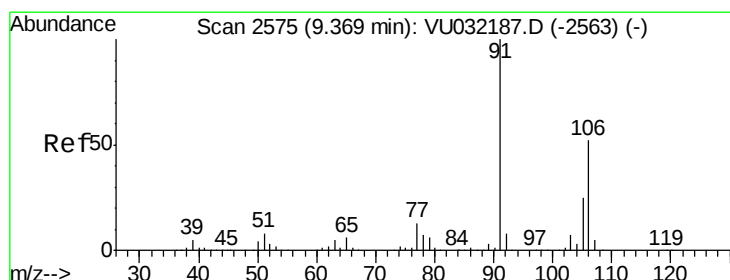
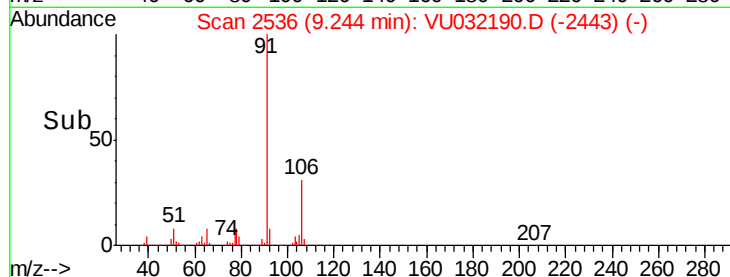
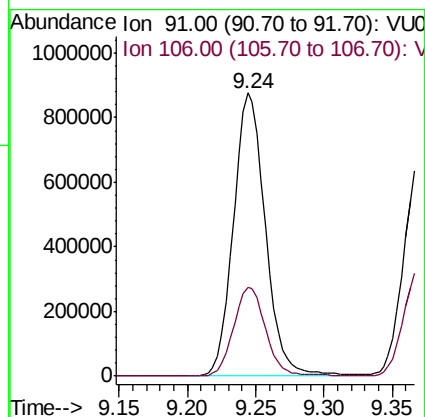
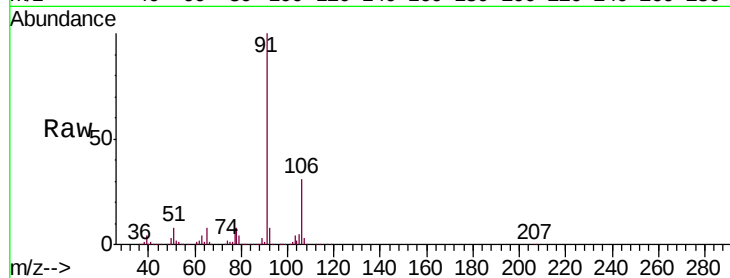
VICV56

Tgt Ion: 91 Resp: 1424165

Ion Ratio Lower Upper

91 100

106 31.4 22.5 41.9



#53

m,p-Xylene

Concen: 50.871 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. 0.00 min

Lab File: VU032190.D

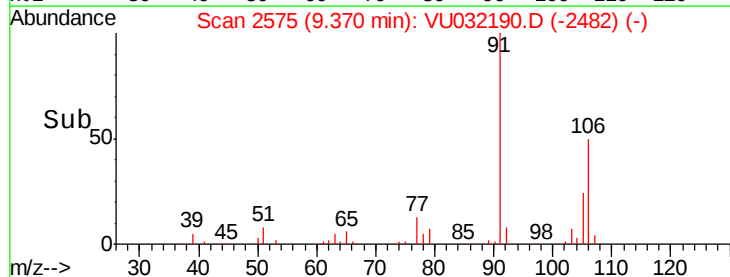
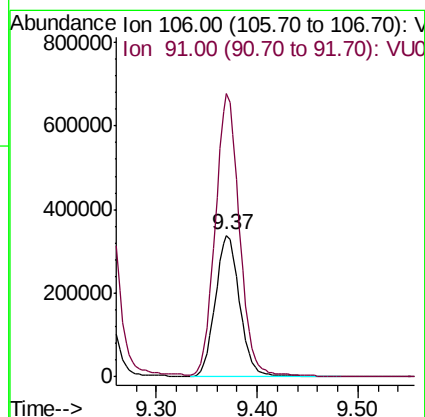
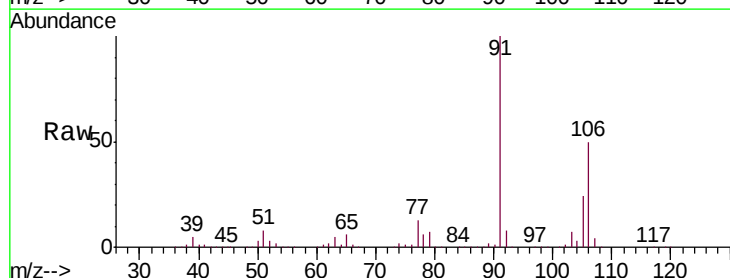
Acq: 21 May 2019 11:18

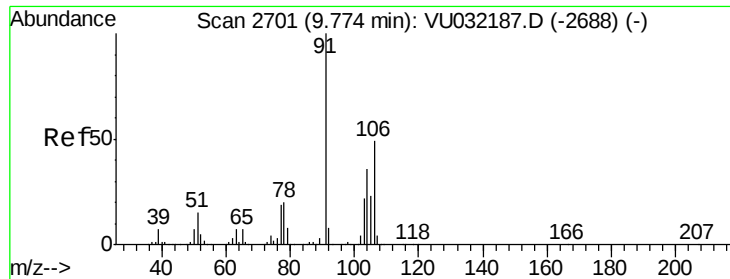
Tgt Ion: 106 Resp: 567515

Ion Ratio Lower Upper

106 100

91 200.1 136.2 252.9

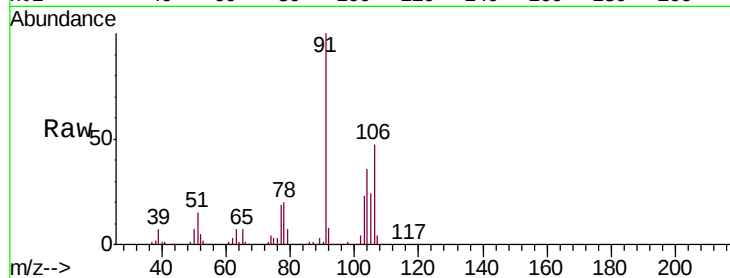




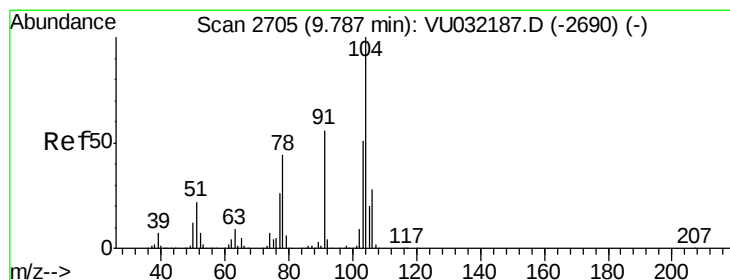
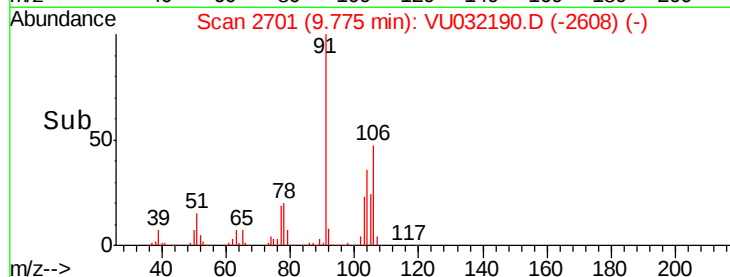
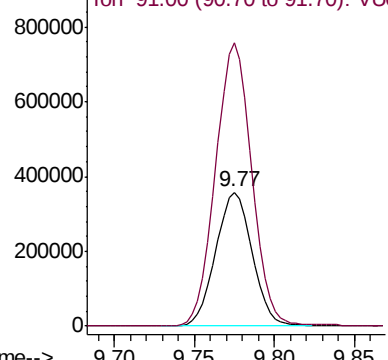
#54
o-xylene
Concen: 50.874 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Instrument :
MSVOA_U
ClientSampleId :
VICV56

Tgt Ion:106 Resp: 560046
Ion Ratio Lower Upper
106 100
91 211.7 143.1 265.9

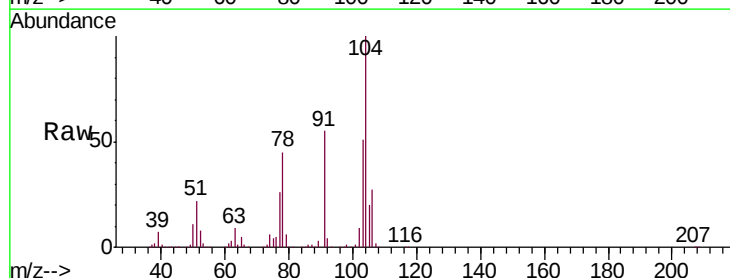


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VU0

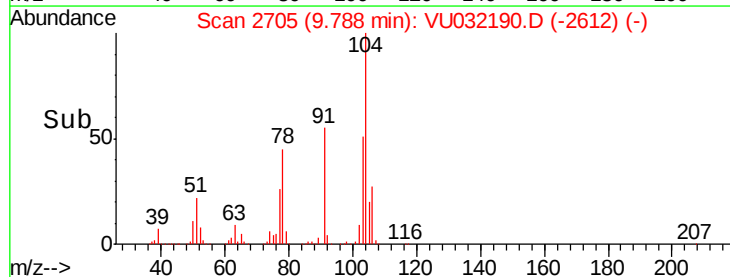
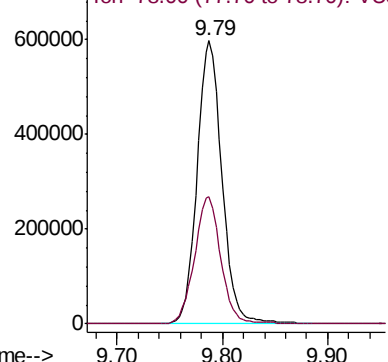


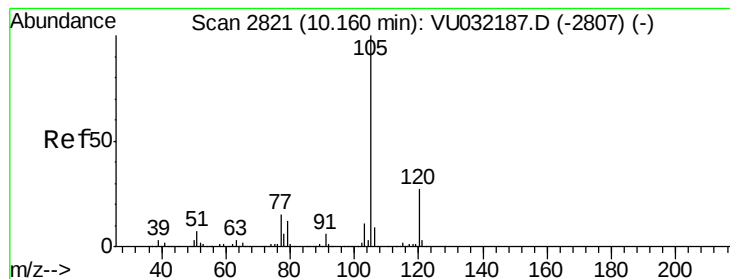
#55
Styrene
Concen: 51.833 ug/L
RT: 9.79 min Scan# 2705
Delta R.T. 0.00 min
Lab File: VU032190.D
Acq: 21 May 2019 11:18

Tgt Ion:104 Resp: 974219
Ion Ratio Lower Upper
104 100
78 44.7 31.0 57.6



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





#56

Isopropylbenzene

Concen: 50.851 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

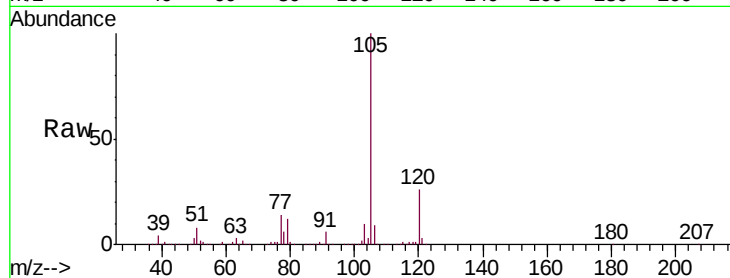
Tgt Ion:105 Resp: 1437976

Ion Ratio Lower Upper

105 100

120 26.7 21.3 31.9

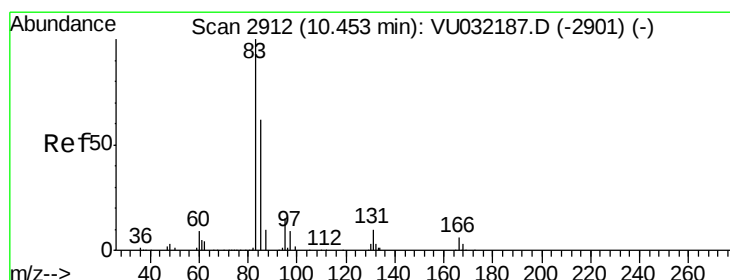
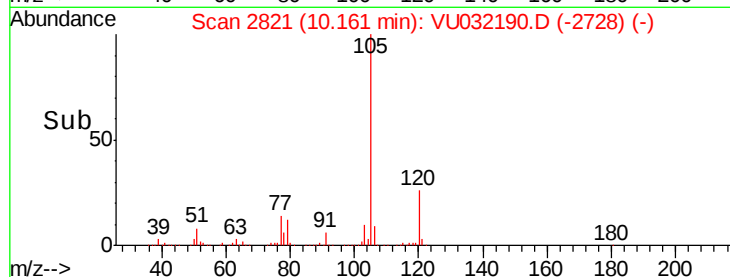
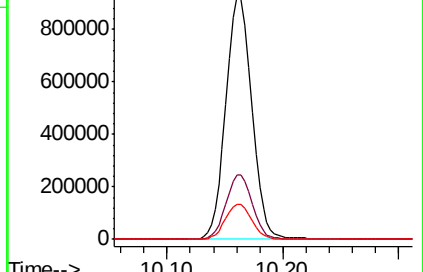
77 14.6 11.7 17.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#58

1,1,2,2-Tetrachloroethane

Concen: 48.678 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

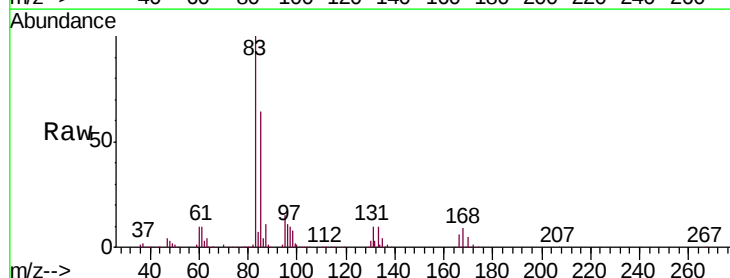
Tgt Ion: 83 Resp: 512999

Ion Ratio Lower Upper

83 100

85 64.3 44.1 81.9

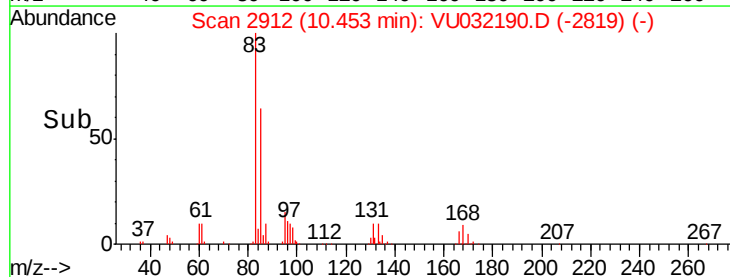
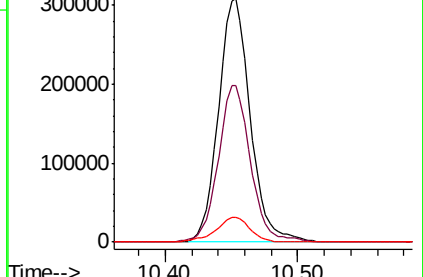
131 10.2 8.6 12.8

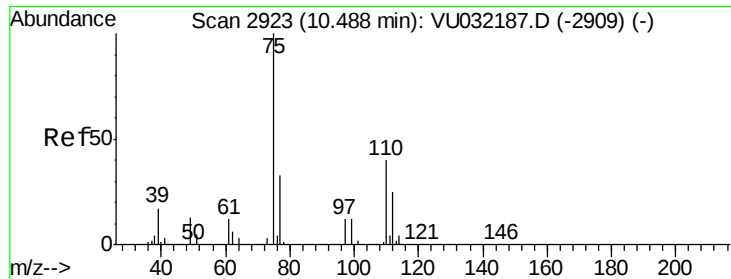


Abundance Ion 83.00 (82.70 to 83.70): V

Ion 85.00 (84.70 to 85.70): V

Ion 131.00 (130.70 to 131.70): V

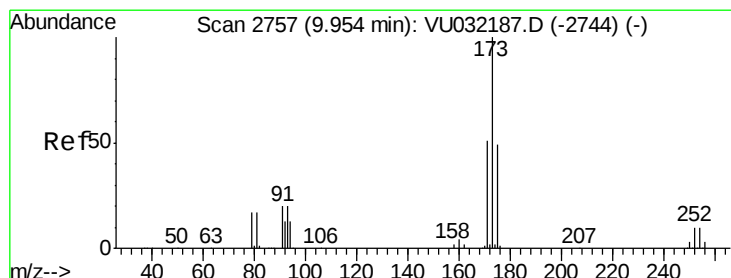
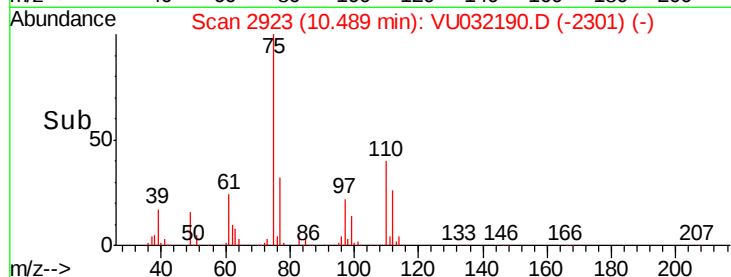
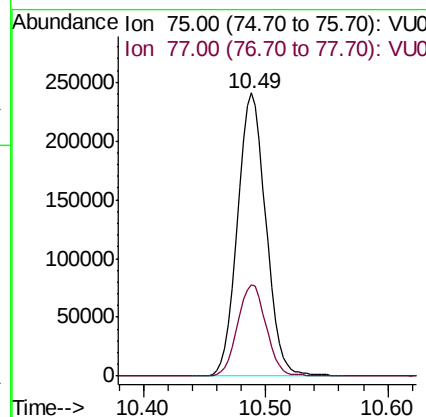
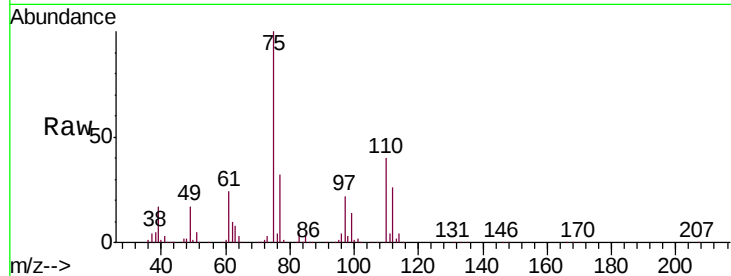




#59
 1,2,3-Trichloropropane
 Concen: 48.467 ug/L
 RT: 10.49 min Scan# 2923
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

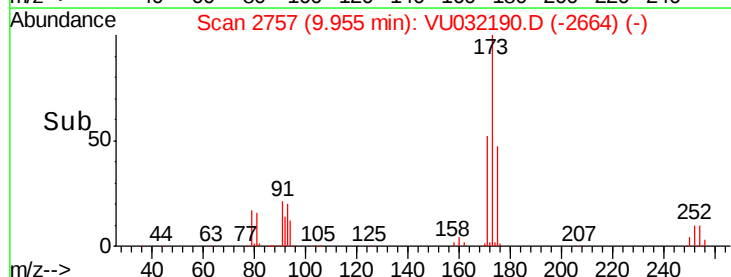
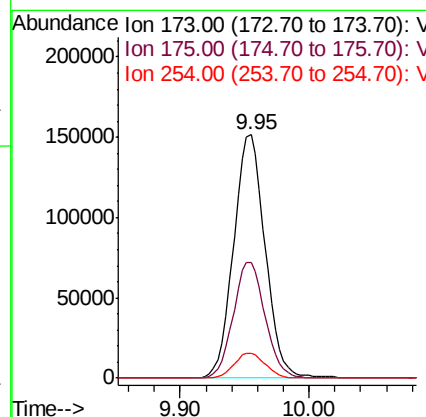
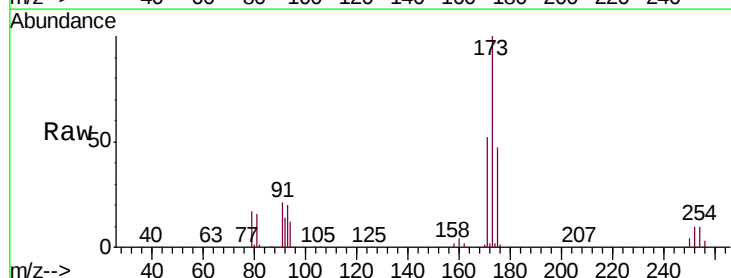
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV56

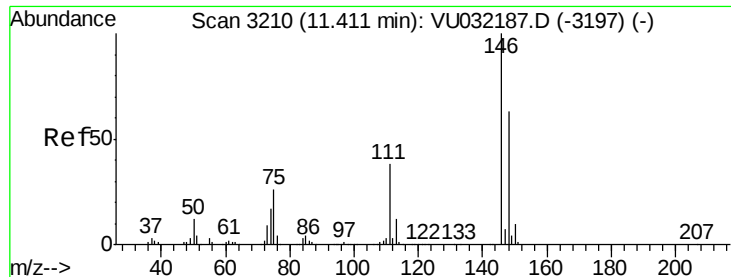
Tgt Ion: 75 Resp: 389319
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.0 39.0



#61
 Bromoform
 Concen: 46.763 ug/L
 RT: 9.95 min Scan# 2757
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion: 173 Resp: 256874
 Ion Ratio Lower Upper
 173 100
 175 47.7 38.6 57.8
 254 10.3 7.8 11.6





#62

1,3-Dichlorobenzene

Concen: 48.707 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

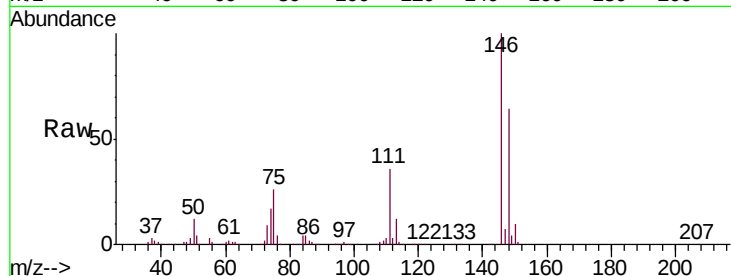
Tgt Ion:146 Resp: 686247

Ion Ratio Lower Upper

146 100

111 36.3 26.5 49.3

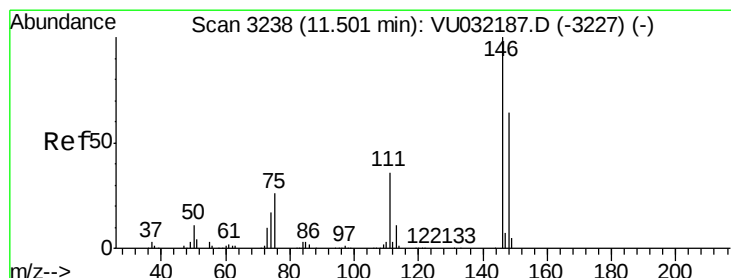
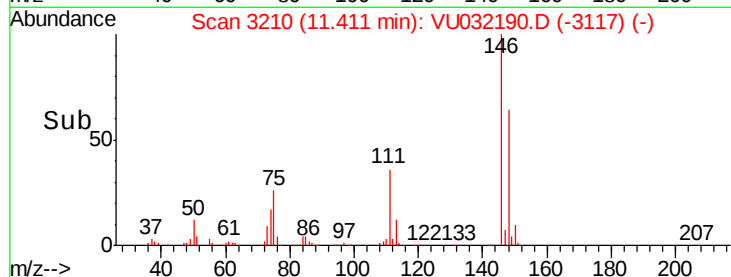
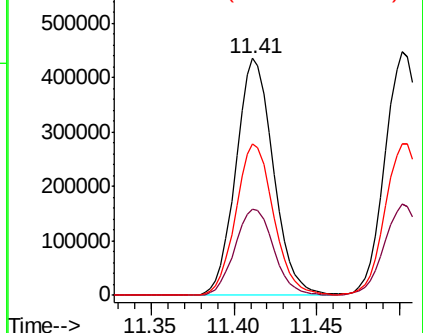
148 63.8 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#63

1,4-Dichlorobenzene

Concen: 47.867 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

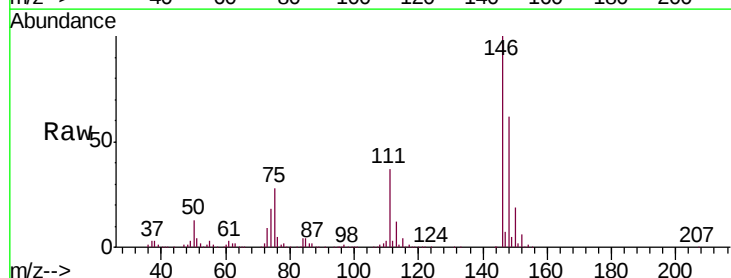
Tgt Ion:146 Resp: 708892

Ion Ratio Lower Upper

146 100

111 37.3 25.8 47.8

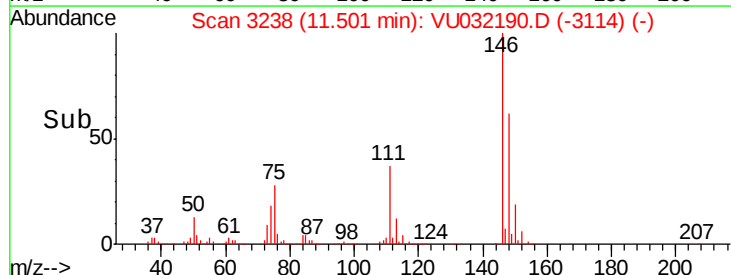
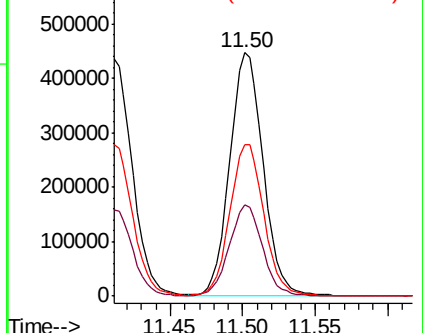
148 62.3 44.9 83.5

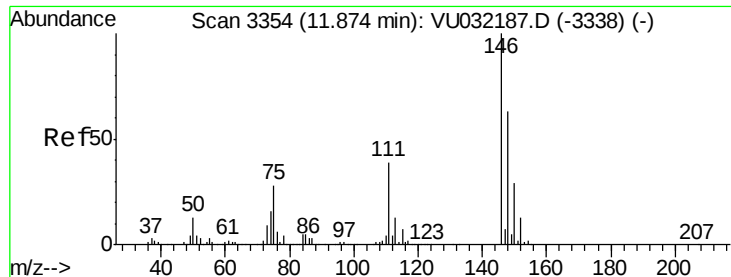


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

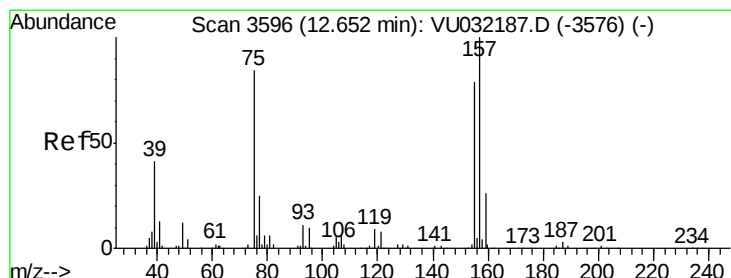
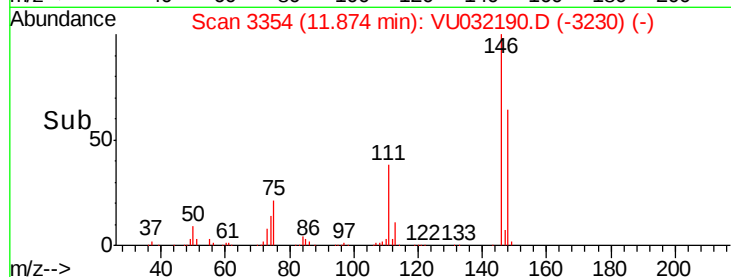
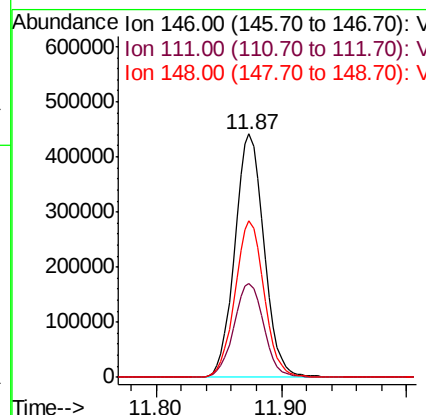
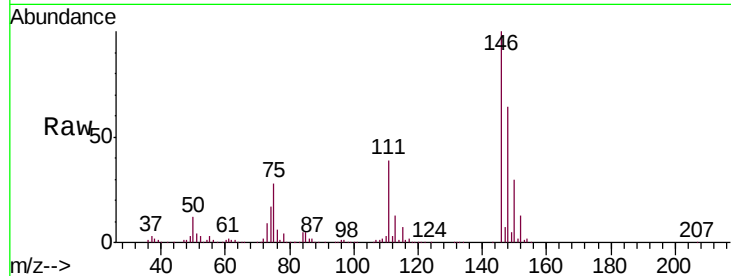




#65
 1,2-Dichlorobenzene
 Concen: 48.302 ug/L
 RT: 11.87 min Scan# 3354
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

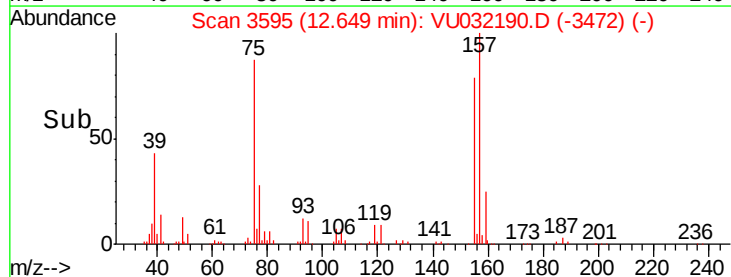
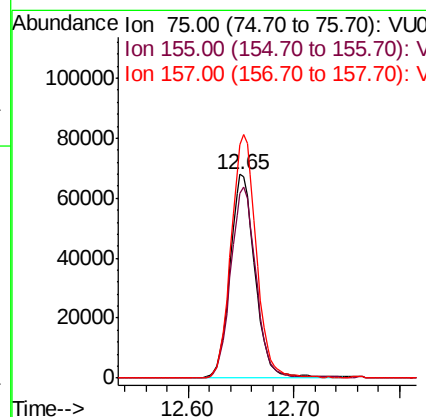
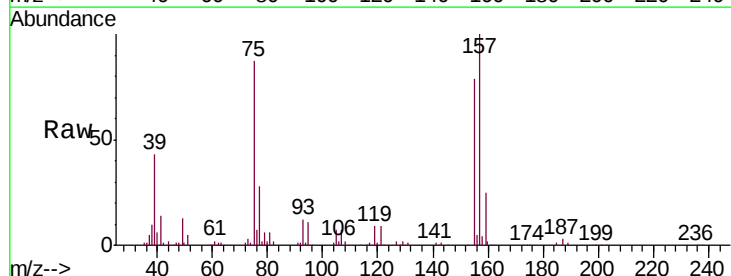
Instrument :
 MSVOA_U
 ClientSampled :
 VICV56

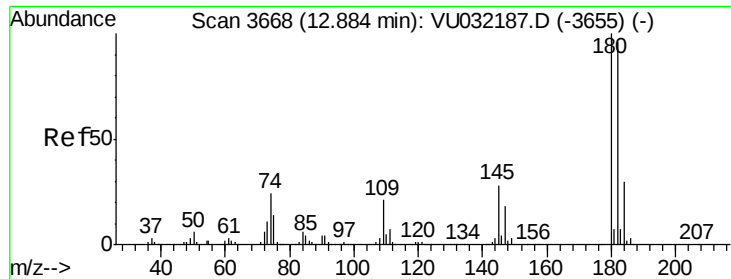
Tgt Ion:146 Resp: 711738
 Ion Ratio Lower Upper
 146 100
 111 38.6 31.5 47.3
 148 64.3 50.6 76.0



#66
 1,2-Dibromo-3-chloropropane
 Concen: 48.901 ug/L
 RT: 12.65 min Scan# 3595
 Delta R.T. -0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion: 75 Resp: 111384
 Ion Ratio Lower Upper
 75 100
 155 90.8 74.6 112.0
 157 114.4 94.8 142.2

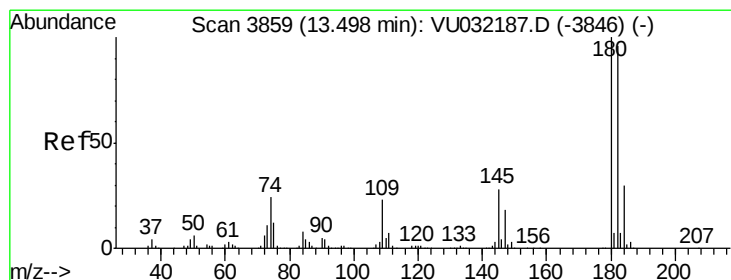
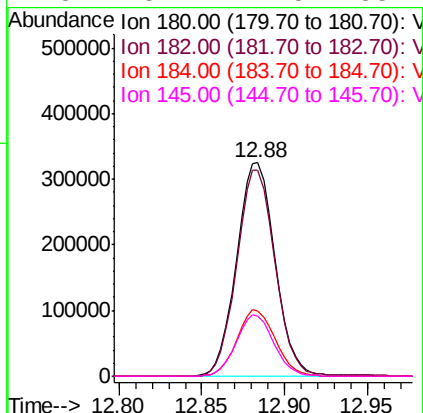
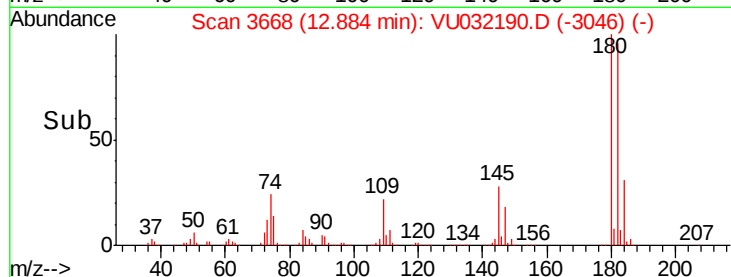
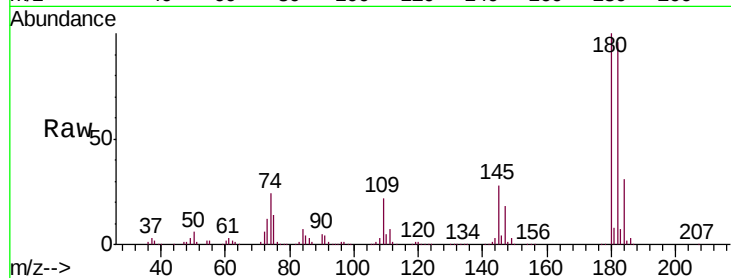




#67
 1,3,5-Trichlorobenzene
 Concen: 48.718 ug/L
 RT: 12.88 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

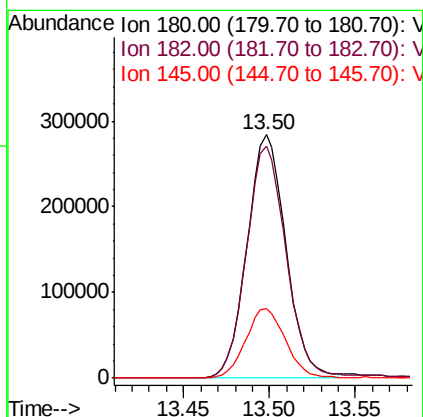
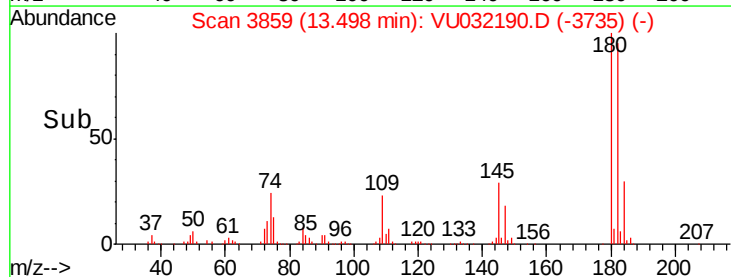
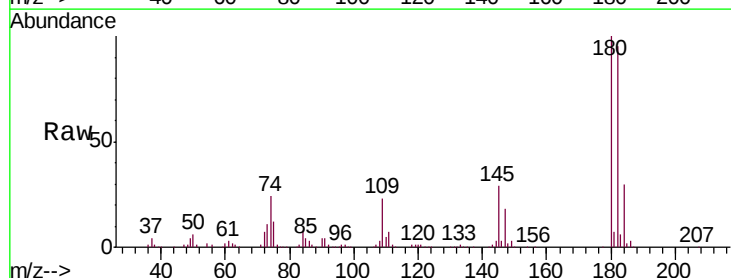
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV56

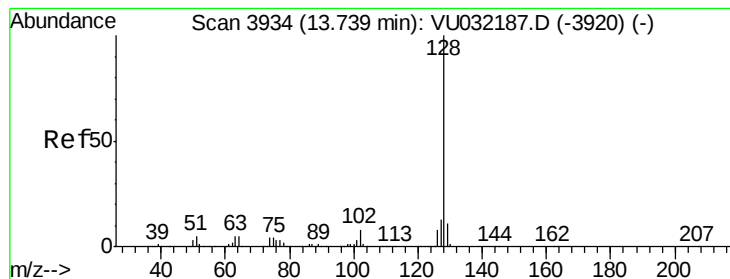
Tgt Ion:	180	Resp:	524925
Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.5	114.7
184	31.2	24.9	37.3
145	28.2	22.5	33.7



#68
 1,2,4-trichlorobenzene
 Concen: 53.062 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. 0.00 min
 Lab File: VU032190.D
 Acq: 21 May 2019 11:18

Tgt Ion:	180	Resp:	445727
Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.8	115.2
145	29.1	23.0	34.6





#69

Naphthalene

Concen: 61.900 ug/L

RT: 13.74 min Scan# 3933

Delta R.T. -0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

Instrument :

MSVOA_U

ClientSampleId :

VICV56

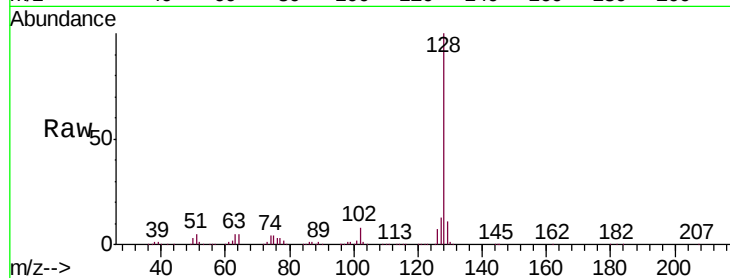
Tgt Ion:128 Resp: 1577913

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

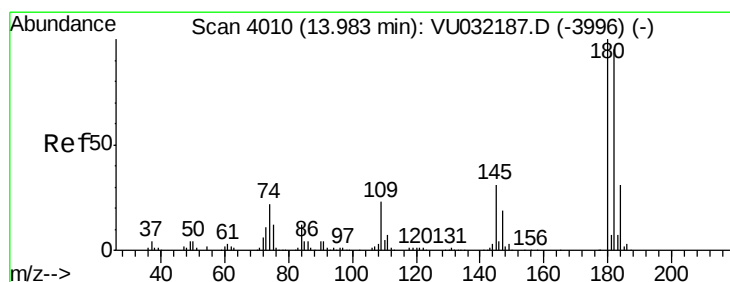
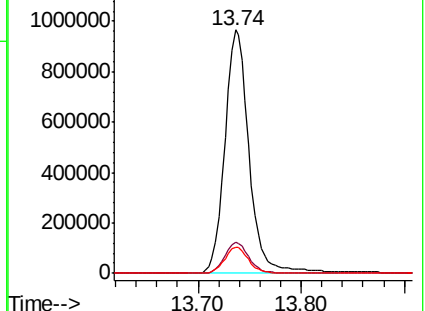
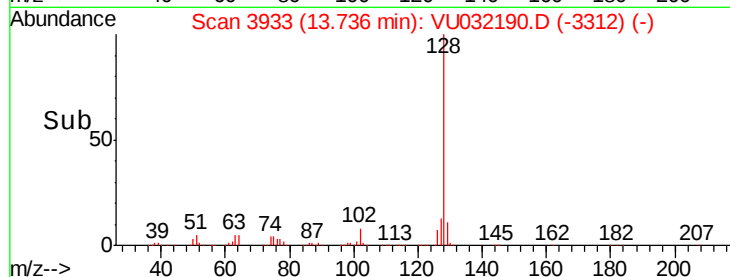
129 10.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#70

1,2,3-Trichlorobenzene

Concen: 51.779 ug/L

RT: 13.98 min Scan# 4010

Delta R.T. 0.00 min

Lab File: VU032190.D

Acq: 21 May 2019 11:18

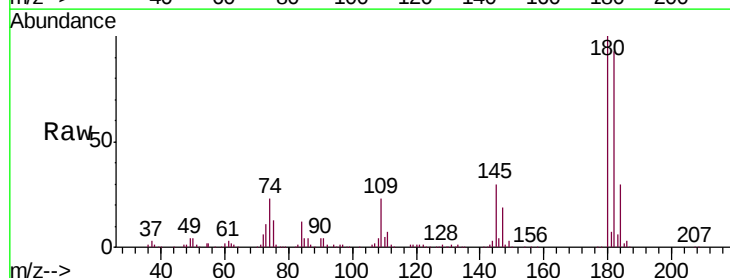
Tgt Ion:180 Resp: 488774

Ion Ratio Lower Upper

180 100

182 95.4 74.6 112.0

145 30.7 23.8 35.8



Abundance Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

Ion 145.00 (144.70 to 145.70): V

