

Data File : VU033058.D
Acq On : 27 Jun 2019 11:44
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Quant Time: Jun 28 02:27:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 28 02:22:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	95603	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	93717	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	51058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30568	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.68	69	26544	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.27	63	67071	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.19	46	95565	49.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.94%
24) Chloroform-d	4.64	84	64752	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.30	65	35972	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.33	84	117844	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.32	67	38311	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.56	98	114307	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.85	79	17226	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.31	63	69630	53.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.16%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	32632	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.85	152	47434	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	47480	4.824 ug/L	99
3) Chloromethane	1.32	50	49430	5.332 ug/L	97
5) Vinyl chloride	1.40	62	45122	4.825 ug/L	98
6) Bromomethane	1.63	94	21992	4.486 ug/L	98
8) Chloroethane	1.69	64	26559	4.902 ug/L	100
9) Trichlorofluoromethane	1.88	101	65200	4.920 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	33807	4.929 ug/L	99
12) 1,1-Dichloroethene	2.28	96	31096	4.887 ug/L	96
13) Acetone	2.33	43	75094	46.126 ug/L	98
14) Carbon disulfide	2.47	76	101954	4.815 ug/L	100
15) Methyl Acetate	2.62	43	17346	4.606 ug/L	99
16) Methylene chloride	2.69	84	35958	4.928 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	85866	4.810 ug/L	99
18) trans-1,2-Dichloroethene	2.97	96	33464	4.804 ug/L	99
19) 1,1-Dichloroethane	3.43	63	65356	4.774 ug/L	99
21) 2-Butanone	4.28	43	110285	48.124 ug/L	100
22) cis-1,2-Dichloroethene	4.22	96	36784	4.861 ug/L	97

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Instrument :
MSVOA_U
ClientSampleId :
VICV06

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	16764	4.993	ug/L	97
25) Chloroform	4.67	83	68442	4.919	ug/L	95
27) 1,2-Dichloroethane	5.40	62	46039	4.832	ug/L	99
29) 1,1,1-Trichloroethane	4.90	97	58328	4.899	ug/L	98
30) Cyclohexane	4.98	56	54757	4.964	ug/L	98
31) Carbon tetrachloride	5.12	117	54253	5.008	ug/L	99
33) Benzene	5.38	78	138473	5.012	ug/L	100
34) Trichloroethene	6.18	95	37763	4.991	ug/L	99
35) Methylcyclohexane	6.40	83	57225	5.080	ug/L	98
37) 1,2-Dichloropropane	6.43	63	38832	5.241	ug/L #	97
38) Bromodichloromethane	6.75	83	48564	4.971	ug/L	99
39) cis-1,3-Dichloropropene	7.26	75	53092	4.914	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	264255	51.744	ug/L	100
42) Toluene	7.63	91	150068	5.085	ug/L	99
44) trans-1,3-Dichloropropene	7.87	75	45848	5.207	ug/L	98
45) 1,1,2-Trichloroethane	8.06	97	25657	4.938	ug/L	96
47) Tetrachloroethene	8.22	164	31426	5.163	ug/L	99
48) 2-Hexanone	8.36	43	193075	52.832	ug/L	100
49) Dibromochloromethane	8.47	129	33485	5.080	ug/L	98
50) 1,2-Dibromoethane	8.58	107	25351	5.005	ug/L	96
51) Chlorobenzene	9.11	112	97446	4.998	ug/L	98
52) Ethylbenzene	9.24	91	164398	5.060	ug/L	100
53) m,p-Xylene	9.37	106	62271	5.280	ug/L	98
54) o-Xylene	9.77	106	59499	5.177	ug/L	98
55) Styrene	9.79	104	105025	5.398	ug/L	99
56) Isopropylbenzene	10.16	105	163384	5.236	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	34064	5.054	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	24188	4.878	ug/L	99
61) Bromoform	9.95	173	18776	4.831	ug/L	98
62) 1,3-Dichlorobenzene	11.41	146	80379	5.034	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	84967	5.101	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	79295	5.120	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	5651	5.306	ug/L	98
67) 1,3,5-Trichlorobenzene	12.88	180	66936	5.260	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	54030	5.941	ug/L	94
69) Naphthalene	13.74	128	82769	6.202	ug/L	98
70) 1,2,3-Trichlorobenzene	13.98	180	51264	5.749	ug/L	98

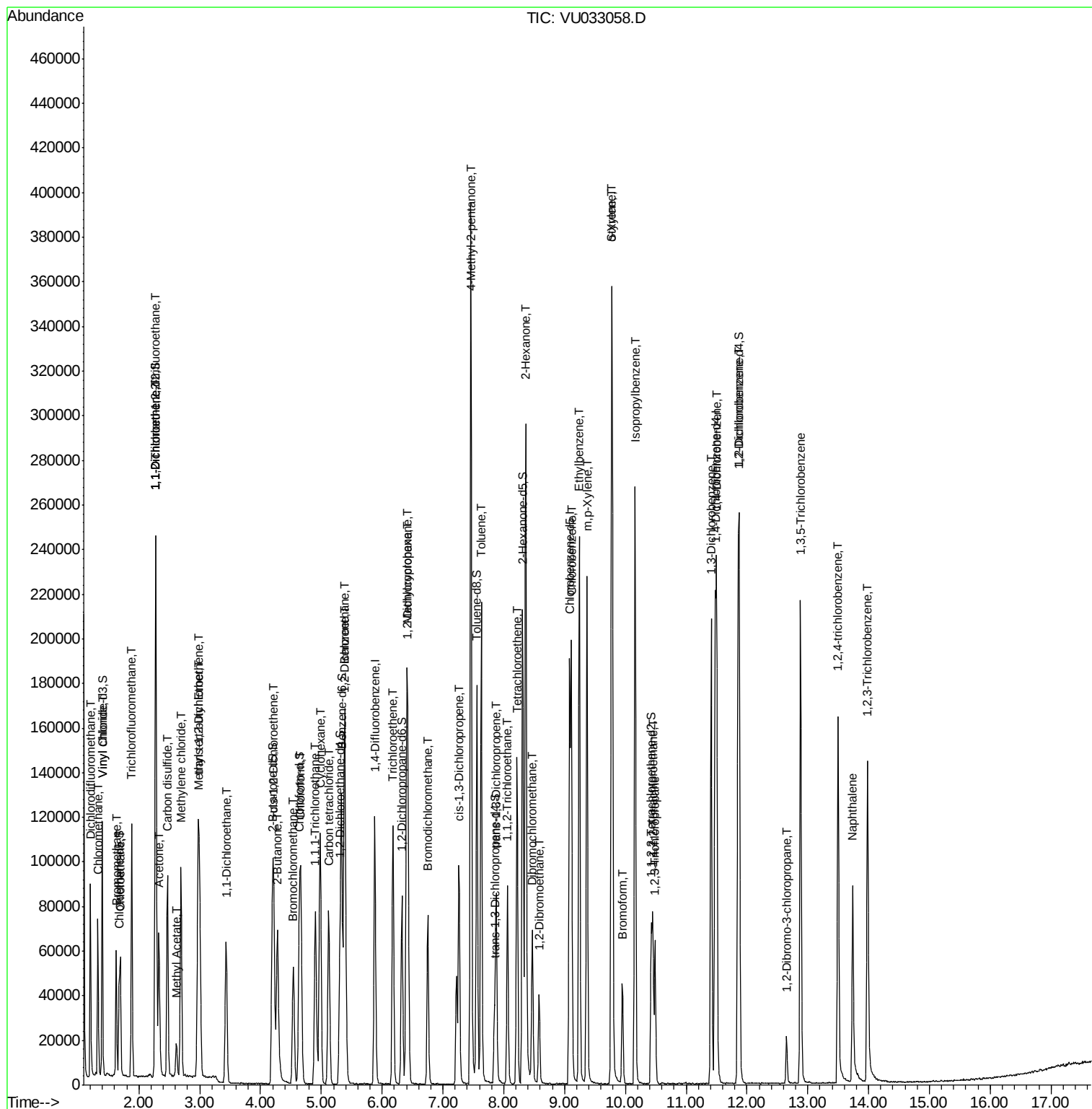
(#) = qualifier out of range (m) = manual integration (+) = signals summed

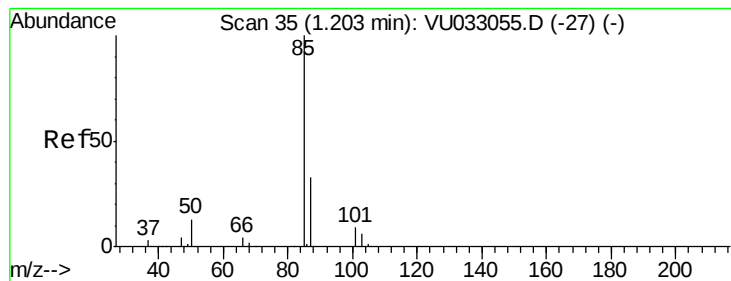
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#2

Dichlorodifluoromethane

Concen: 4.824 ug/L

RT: 1.20 min Scan# 35

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampled :

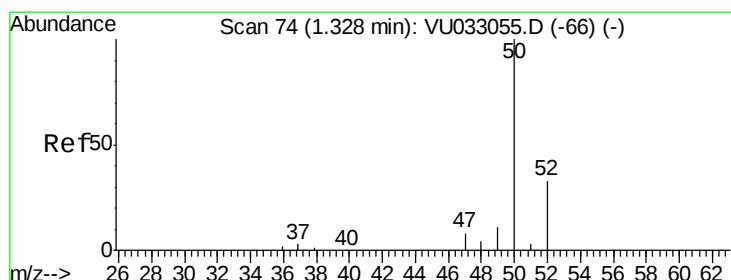
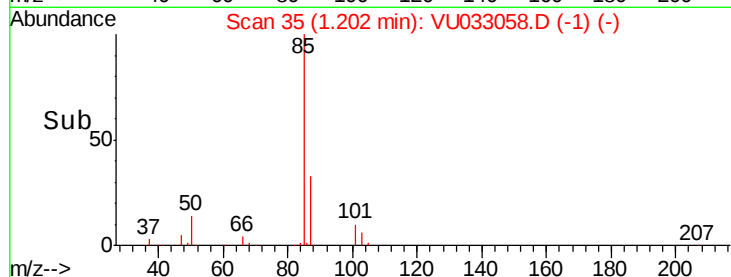
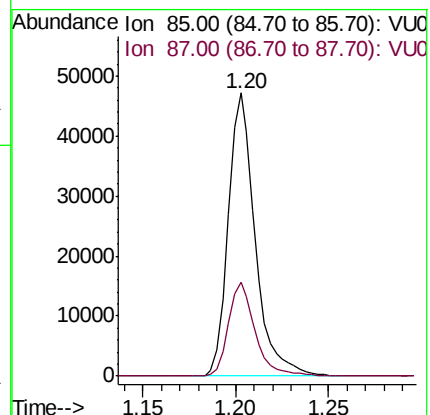
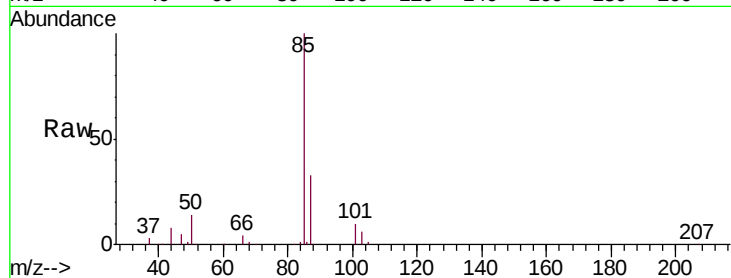
VICV06

Tgt Ion: 85 Resp: 47480

Ion Ratio Lower Upper

85 100

87 32.7 25.6 38.4



#3

Chloromethane

Concen: 5.332 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU033058.D

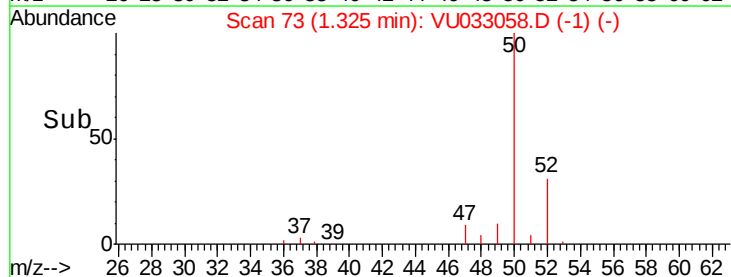
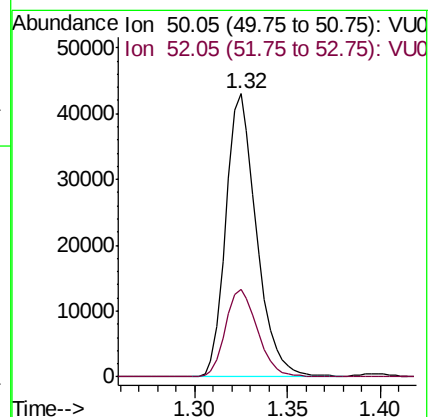
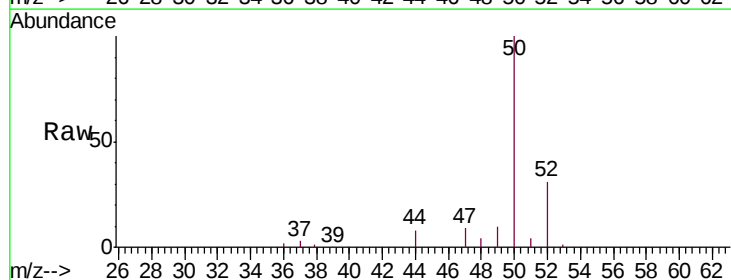
Acq: 27 Jun 2019 11:44

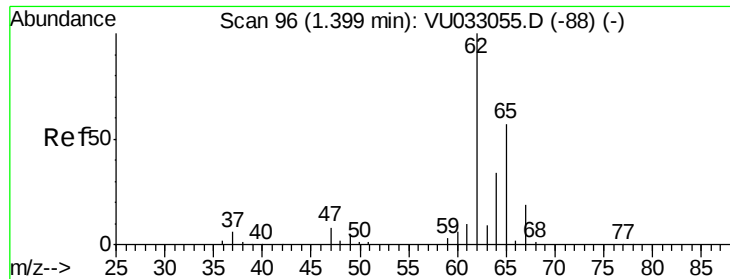
Tgt Ion: 50 Resp: 49430

Ion Ratio Lower Upper

50 100

52 31.0 22.8 42.4





#5

Vinyl chloride

Concen: 4.825 ug/L

RT: 1.40 min Scan# 96

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

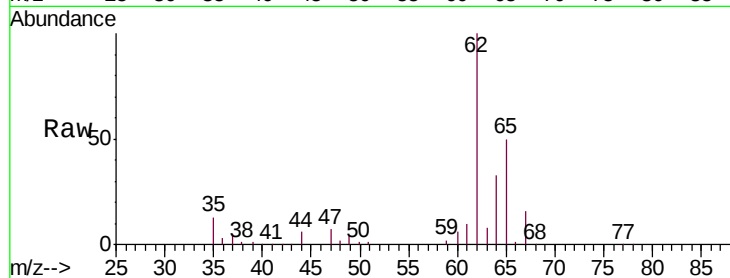
VICV06

Tgt Ion: 62 Resp: 45122

Ion Ratio Lower Upper

62 100

64 32.7 23.7 43.9



Abundance Ion 62.00 (61.70 to 62.70): VU033055.D (-88) (-)

Ion 64.10 (63.80 to 64.80): VU033055.D (-88) (-)

1.40

40000

30000

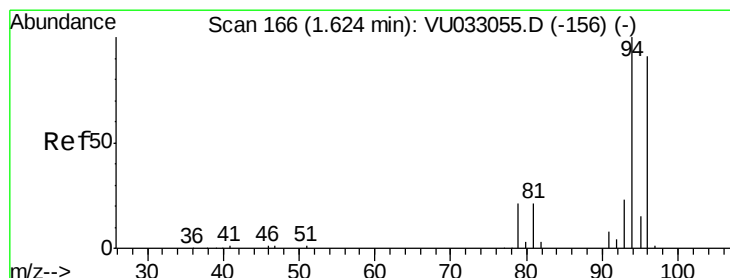
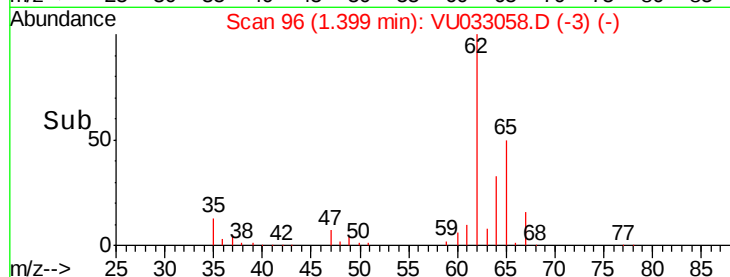
20000

10000

0

Time-->

1.35 1.40 1.45



#6

Bromomethane

Concen: 4.486 ug/L

RT: 1.63 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU033058.D

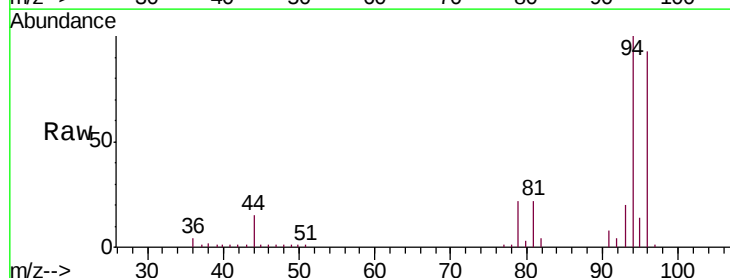
Acq: 27 Jun 2019 11:44

Tgt Ion: 94 Resp: 21992

Ion Ratio Lower Upper

94 100

96 93.2 64.0 119.0



Abundance Ion 94.00 (93.70 to 94.70): VU033055.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU033055.D (-156) (-)

1.63

20000

15000

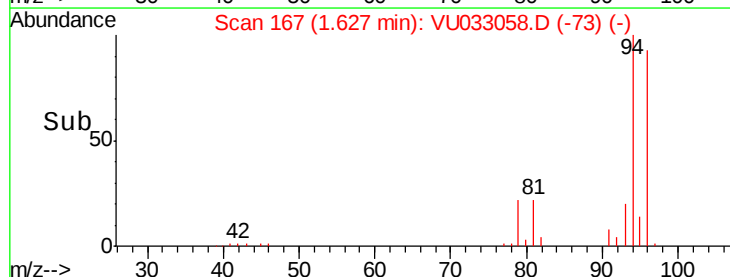
10000

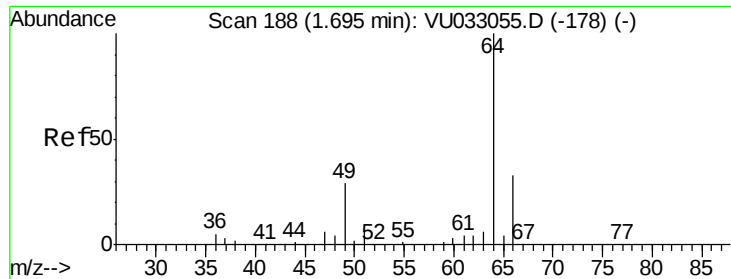
5000

0

Time-->

1.60 1.65 1.70





#8

Chloroethane

Concen: 4.902 ug/L

RT: 1.69 min Scan# 188

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

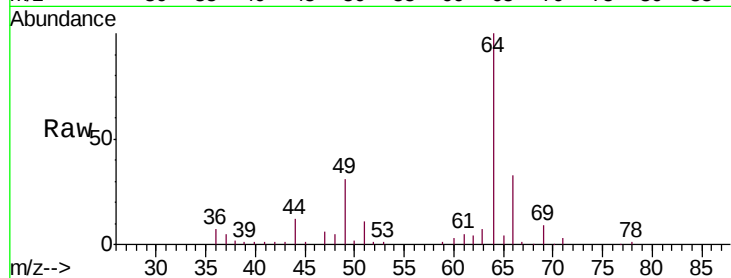
VICV06

Tgt Ion: 64 Resp: 26559

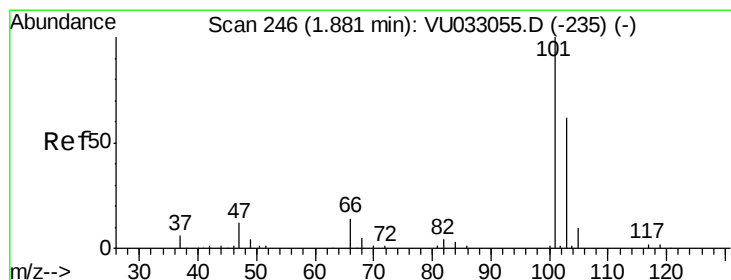
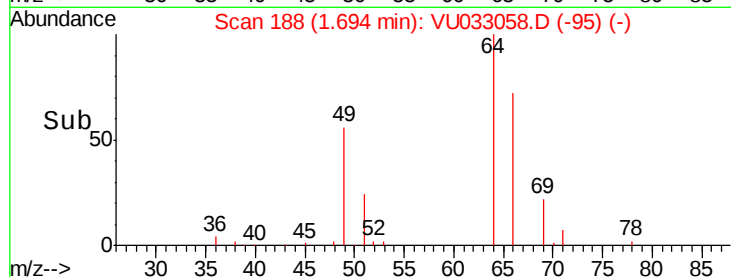
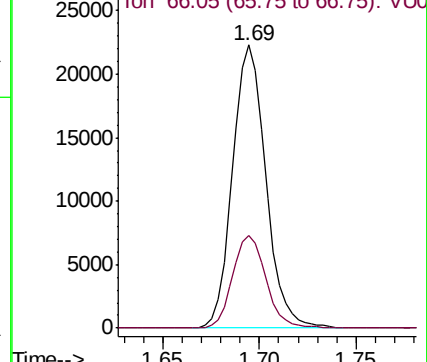
Ion Ratio Lower Upper

64 100

66 32.9 22.9 42.5



Abundance Ion 64.10 (63.80 to 64.80): VU033055.D (-178) (-)



#9

Trichlorofluoromethane

Concen: 4.920 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

Lab File: VU033058.D

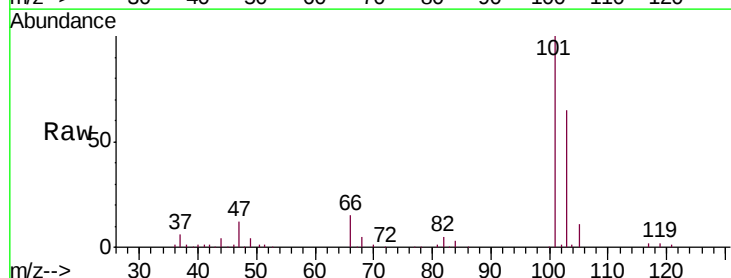
Acq: 27 Jun 2019 11:44

Tgt Ion: 101 Resp: 65200

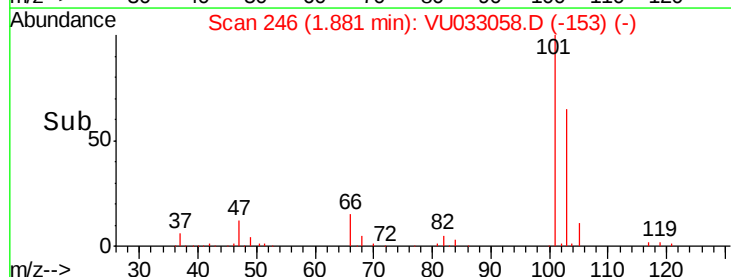
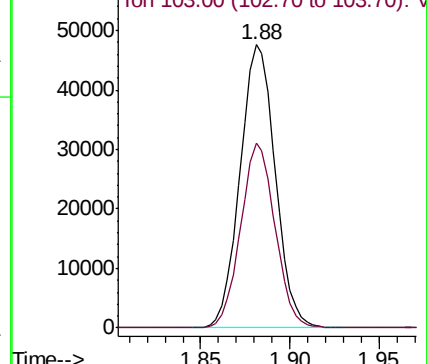
Ion Ratio Lower Upper

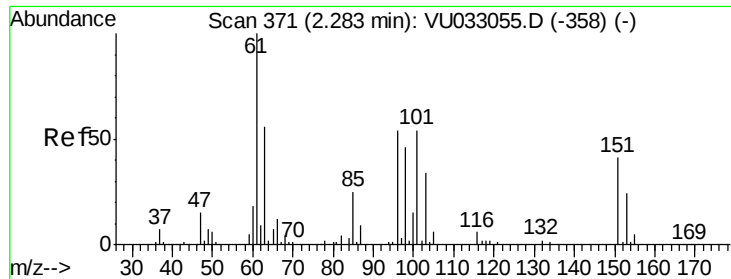
101 100

103 63.6 50.1 75.1



Abundance Ion 101.00 (100.70 to 101.70): VU033055.D (-235) (-)





#10

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

Concen: 4.929 ug/L

RT: 2.28 min Scan# 371

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

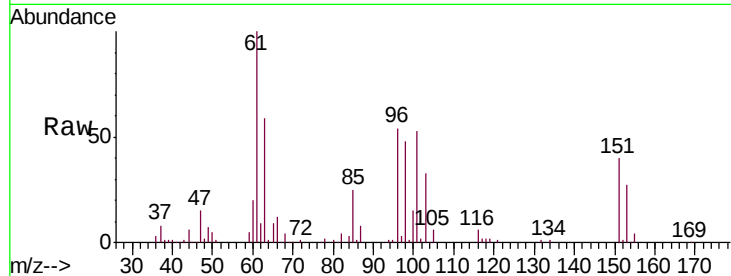
Tgt Ion:101 Resp: 33807

Ion Ratio Lower Upper

101 100

85 46.6 37.1 55.7

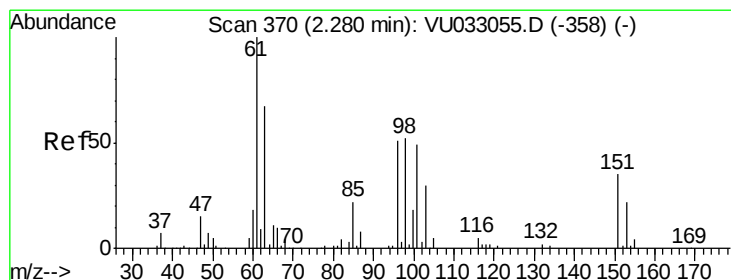
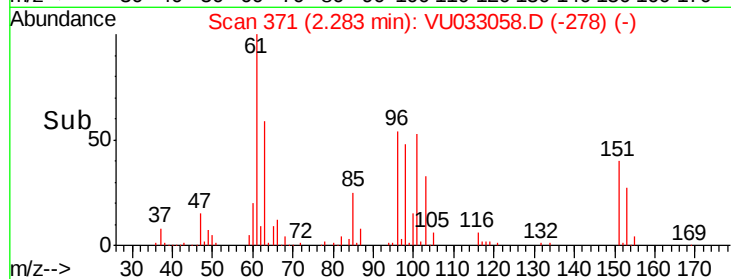
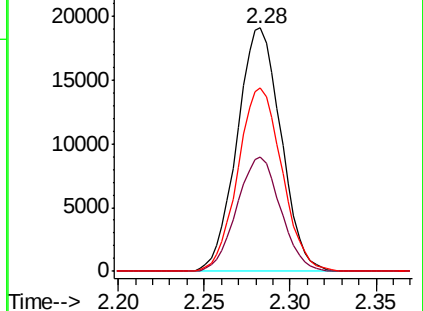
151 75.6 61.0 91.4



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: 4.887 ug/L

RT: 2.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

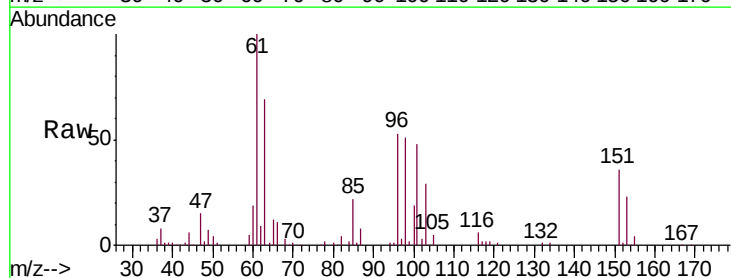
Tgt Ion: 96 Resp: 31096

Ion Ratio Lower Upper

96 100

61 190.1 137.6 255.6

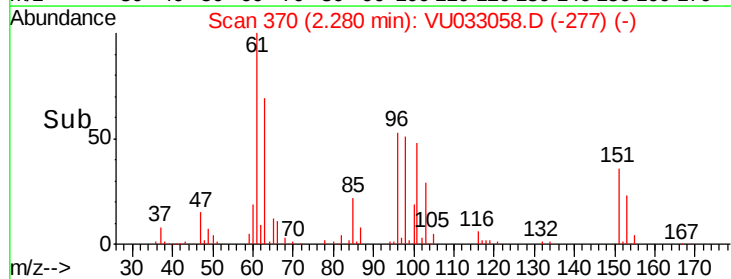
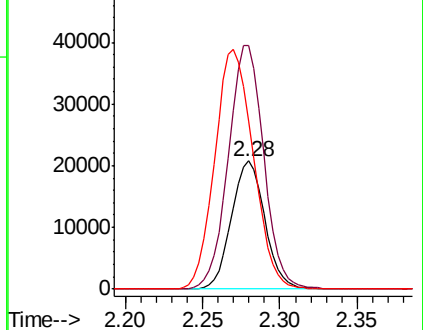
63 131.3 94.4 175.2

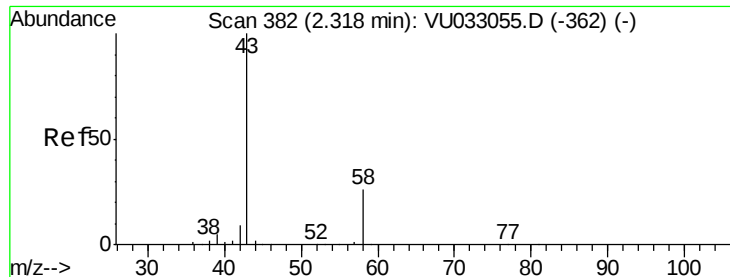


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 46.126 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.01 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

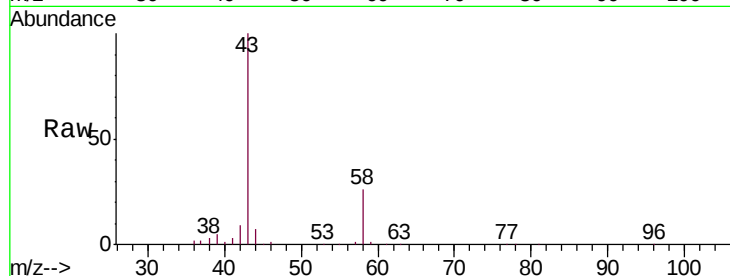
VICV06

Tgt Ion: 43 Resp: 75094

Ion Ratio Lower Upper

43 100

58 27.1 0.0 51.8



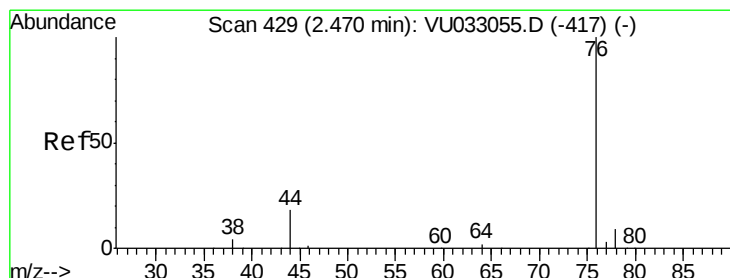
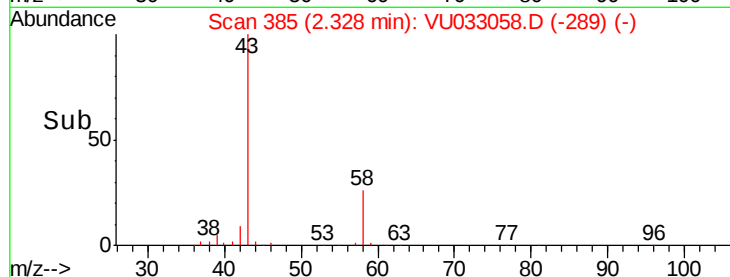
Abundance Ion 43.05 (42.75 to 43.75): VU033055.D (-362) (-)

Ion 58.05 (57.75 to 58.75): VU033055.D (-362) (-)

2.33

Time-->

2.25 2.30 2.35 2.40



#14

Carbon disulfide

Concen: 4.815 ug/L

RT: 2.47 min Scan# 429

Delta R.T. -0.00 min

Lab File: VU033058.D

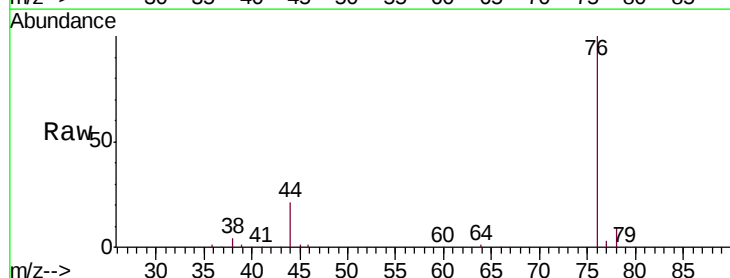
Acq: 27 Jun 2019 11:44

Tgt Ion: 76 Resp: 101954

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



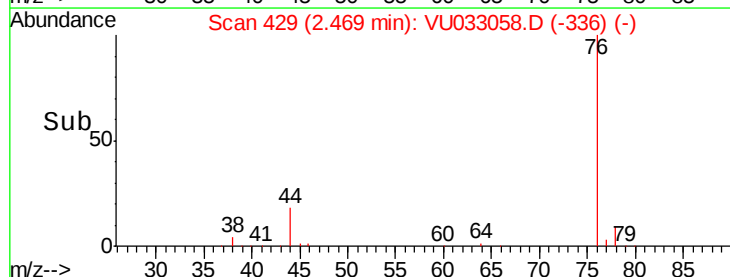
Abundance Ion 76.05 (75.75 to 76.75): VU033055.D (-417) (-)

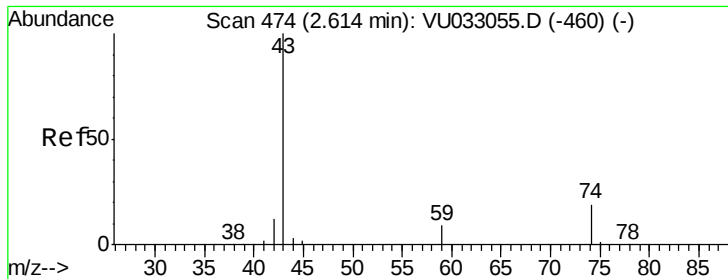
Ion 78.00 (77.70 to 78.70): VU033055.D (-417) (-)

2.47

Time-->

2.40 2.45 2.50 2.55





#15

Methyl Acetate

Concen: 4.606 ug/L

RT: 2.62 min Scan# 475

Delta R.T. 0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

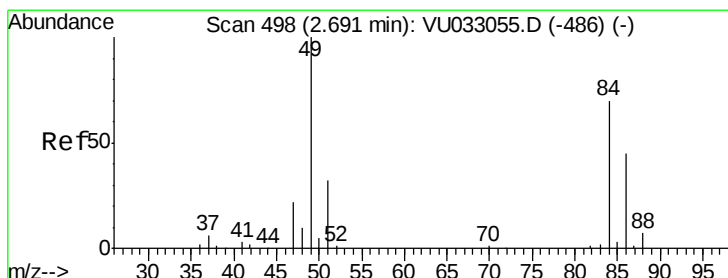
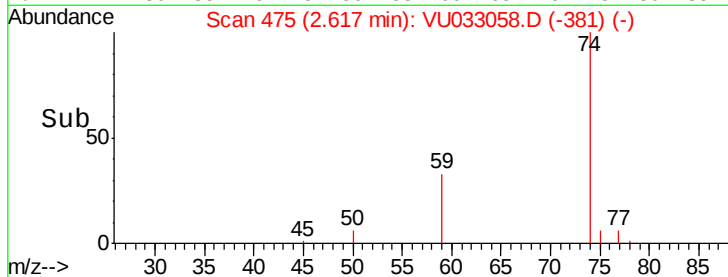
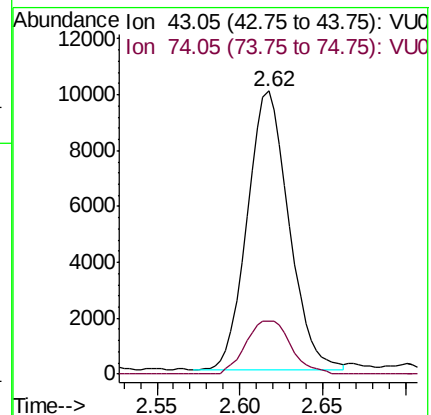
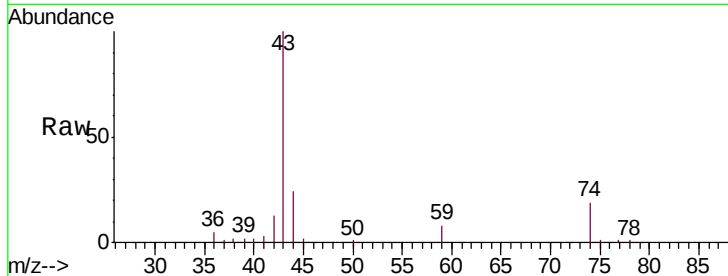
VICV06

Tgt Ion: 43 Resp: 17346

Ion Ratio Lower Upper

43 100

74 20.7 16.1 24.1



#16

Methylene chloride

Concen: 4.928 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

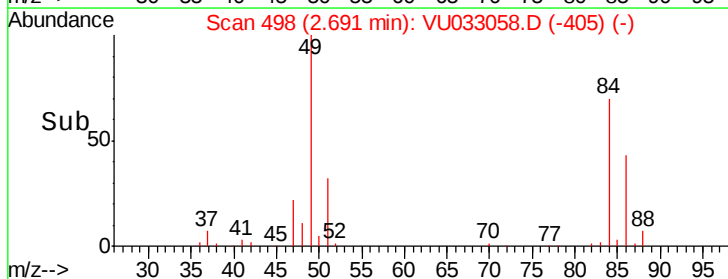
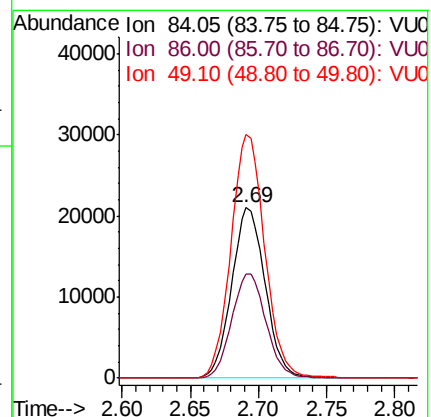
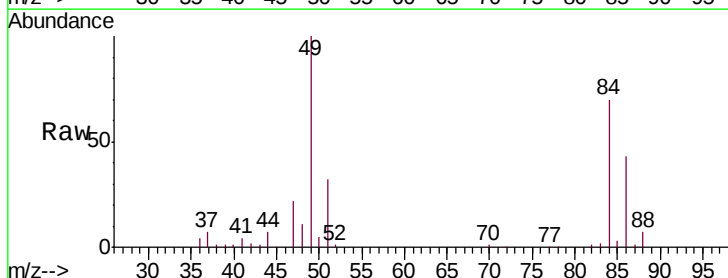
Tgt Ion: 84 Resp: 35958

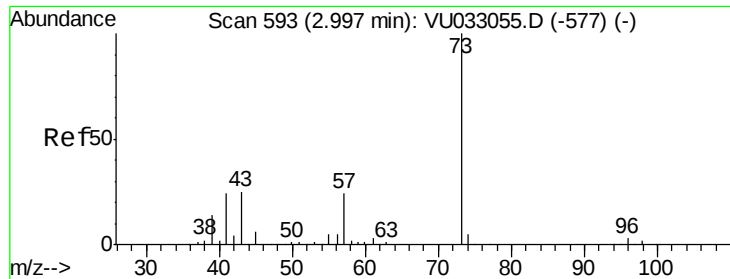
Ion Ratio Lower Upper

84 100

86 61.1 44.7 82.9

49 143.0 99.7 185.1

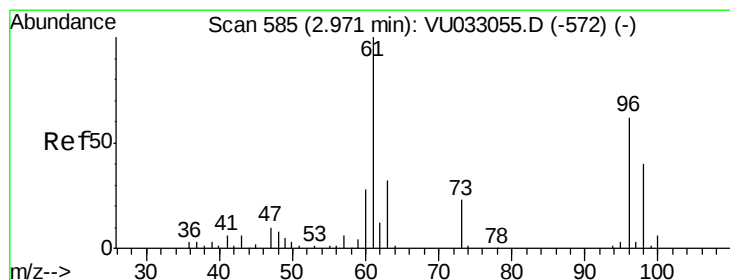
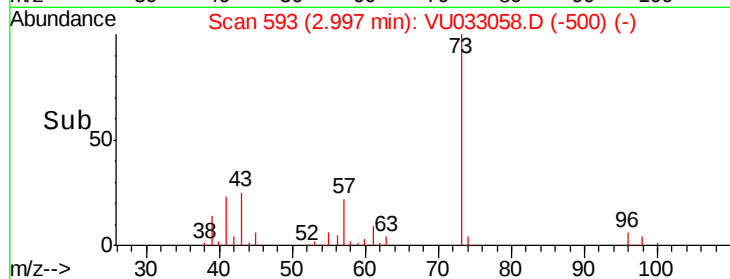
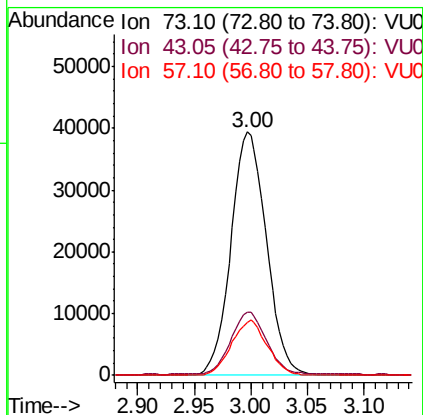
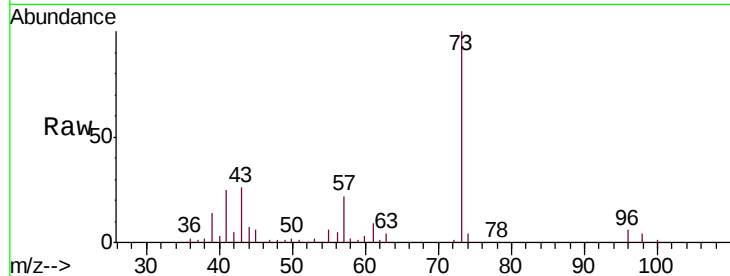




#17
Methyl tert-butyl Ether
Concen: 4.810 ug/L
RT: 3.00 min Scan# 593
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

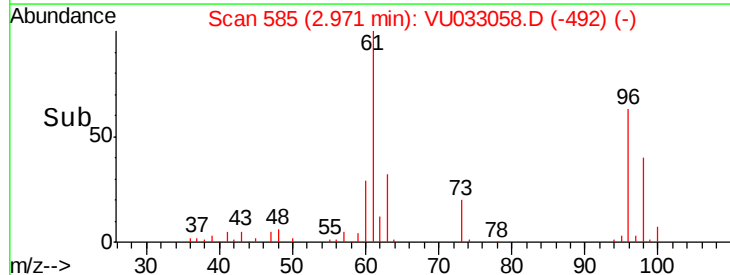
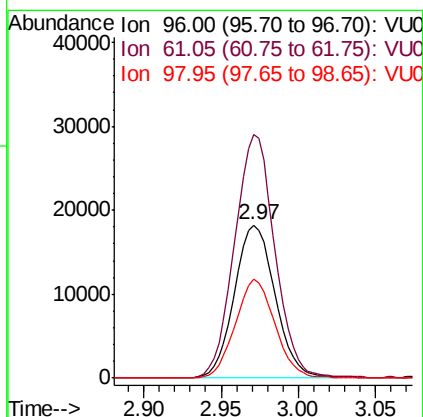
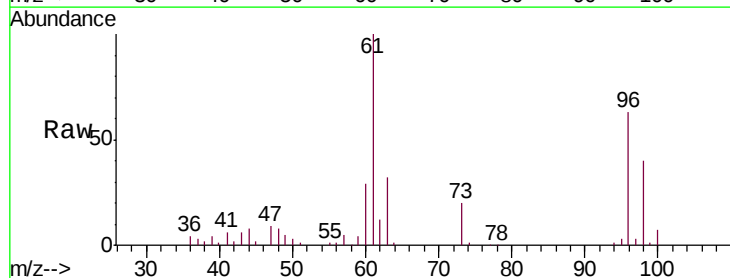
Instrument :
MSVOA_U
ClientSampled :
VICV06

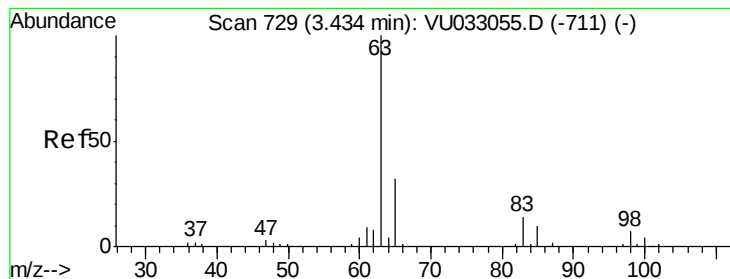
Tgt Ion:	73	Resp:	85866
Ion	Ratio	Lower	Upper
73	100		
43	25.5	20.2	30.2
57	22.8	18.5	27.7



#18
trans-1,2-Dichloroethene
Concen: 4.804 ug/L
RT: 2.97 min Scan# 585
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

Tgt Ion:	96	Resp:	33464
Ion	Ratio	Lower	Upper
96	100		
61	159.2	112.2	208.4
98	64.3	45.4	84.4





#19

1,1-Dichloroethane

Concen: 4.774 ug/L

RT: 3.43 min Scan# 729

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

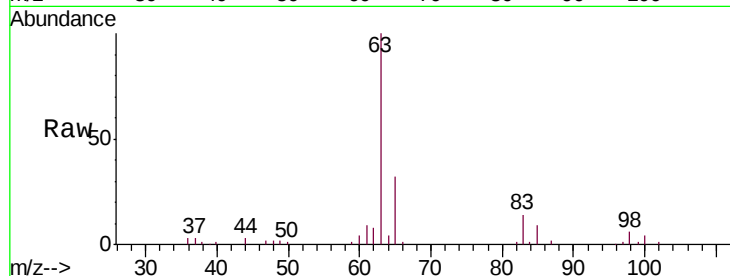
Tgt Ion: 63 Resp: 65356

Ion Ratio Lower Upper

63 100

65 32.3 22.7 42.1

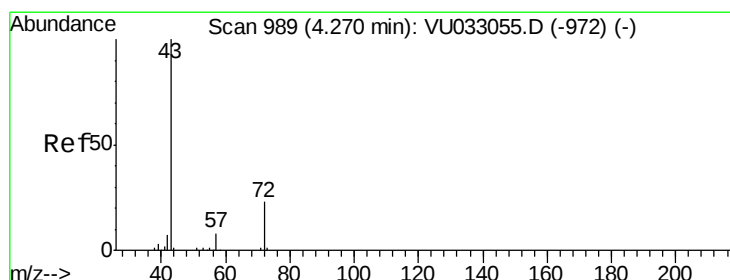
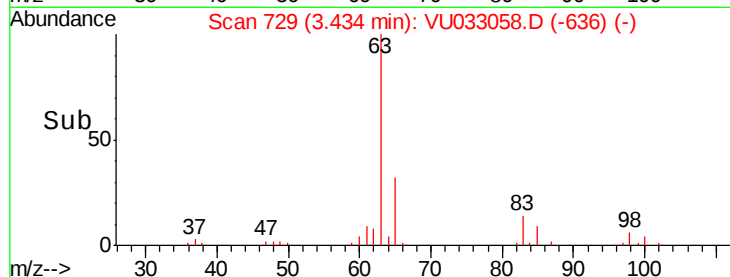
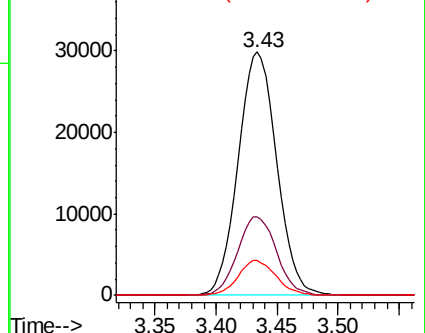
83 14.2 9.6 17.8



Abundance Ion 63.10 (62.80 to 63.80): VU033055.D (-711) (-)

Ion 65.10 (64.80 to 65.80): VU033055.D (-711) (-)

Ion 83.05 (82.75 to 83.75): VU033055.D (-711) (-)



#21

2-Butanone

Concen: 48.124 ug/L

RT: 4.28 min Scan# 992

Delta R.T. 0.01 min

Lab File: VU033058.D

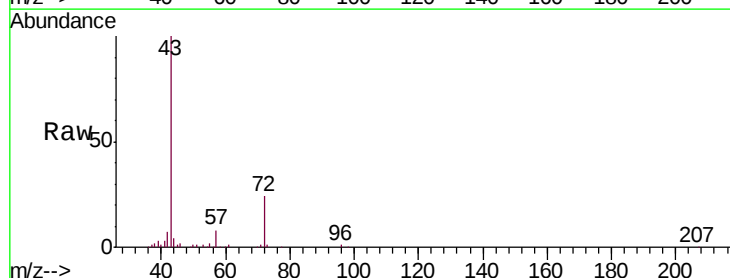
Acq: 27 Jun 2019 11:44

Tgt Ion: 43 Resp: 110285

Ion Ratio Lower Upper

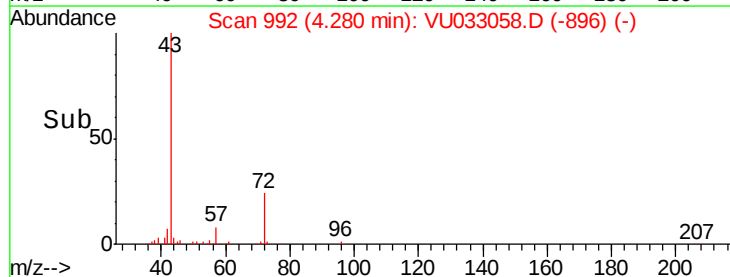
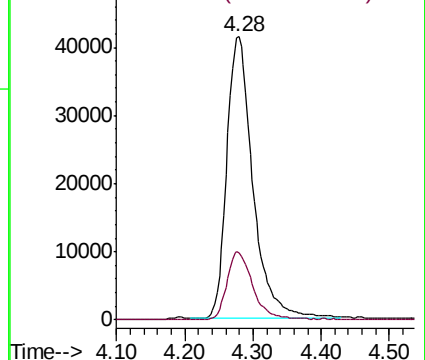
43 100

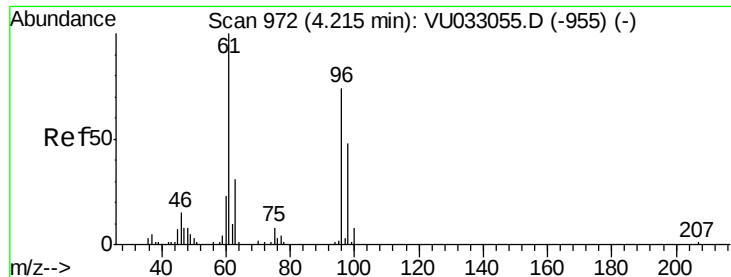
72 23.2 11.5 34.5



Abundance Ion 43.05 (42.75 to 43.75): VU033055.D (-972) (-)

Ion 72.10 (71.80 to 72.80): VU033055.D (-972) (-)



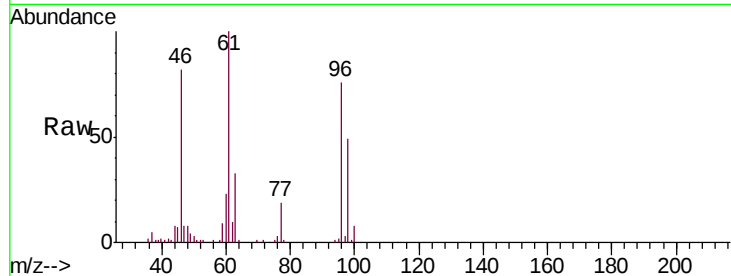


#22

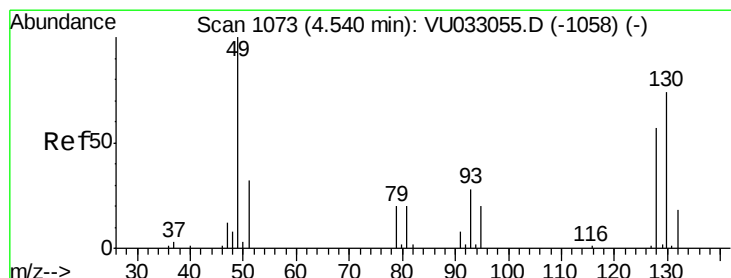
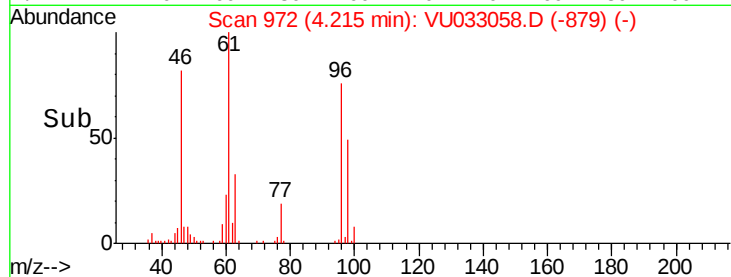
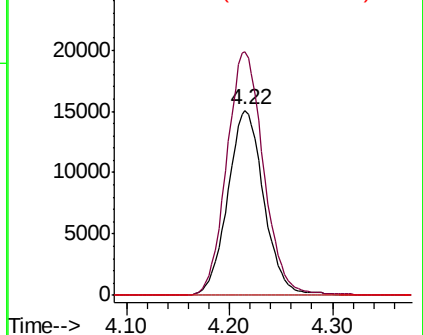
cis-1,2-Dichloroethene
Concen: 4.861 ug/L
RT: 4.22 min Scan# 972
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

Instrument :
MSVOA_U
ClientSampled :
VICV06

Tgt Ion: 96 Resp: 36784
Ion Ratio Lower Upper
96 100
61 131.8 94.6 175.8
68 0.0 0.0 0.0



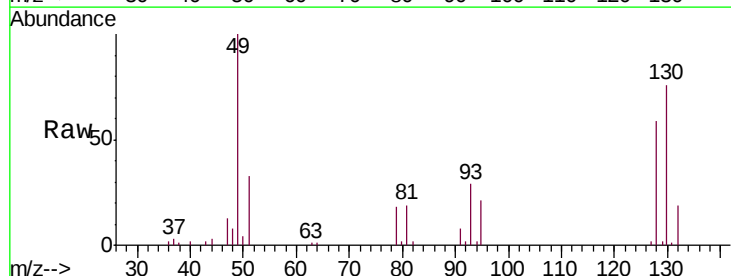
Abundance Ion 96.00 (95.70 to 96.70): VU033055.D (-955) (-)
Ion 61.05 (60.75 to 61.75): VU033055.D (-955) (-)
Ion 68.15 (67.85 to 68.85): VU033055.D (-955) (-)



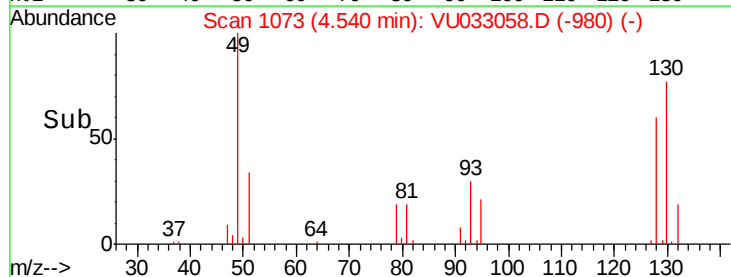
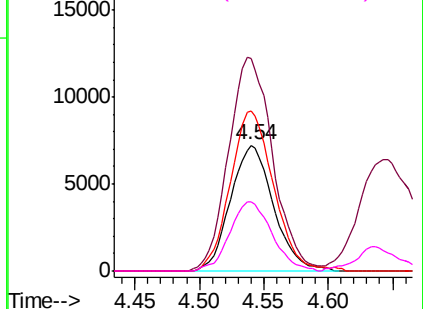
#23

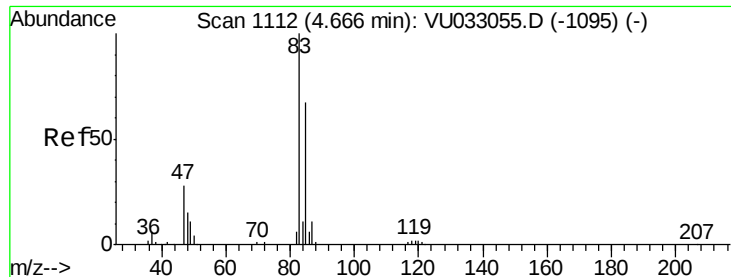
Bromochloromethane
Concen: 4.993 ug/L
RT: 4.54 min Scan# 1073
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

Tgt Ion: 128 Resp: 16764
Ion Ratio Lower Upper
128 100
49 168.8 123.3 228.9
130 127.8 90.9 168.7
51 55.5 45.6 68.4



Abundance Ion 127.90 (127.60 to 128.60): VU033055.D (-1058) (-)
Ion 49.10 (48.80 to 49.80): VU033055.D (-1058) (-)
Ion 129.95 (129.65 to 130.65): VU033055.D (-1058) (-)
Ion 51.05 (50.75 to 51.75): VU033055.D (-1058) (-)





#25

Chloroform

Concen: 4.919 ug/L

RT: 4.67 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

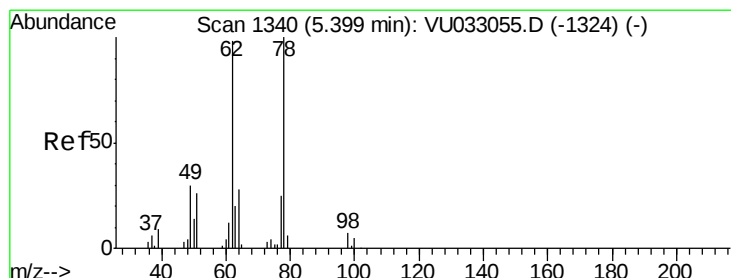
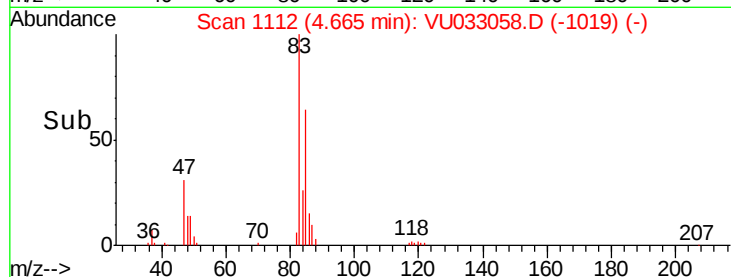
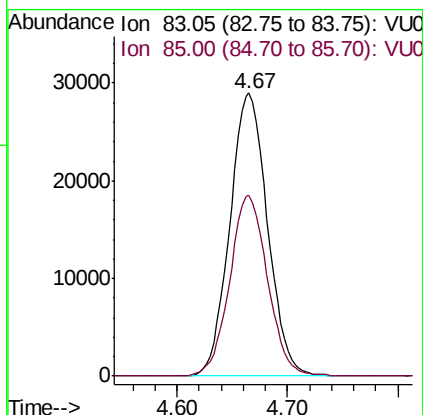
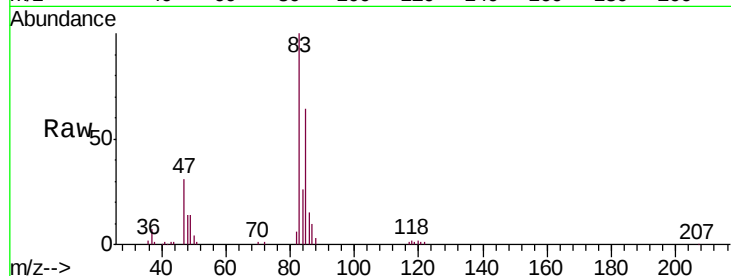
VICV06

Tgt Ion: 83 Resp: 68442

Ion Ratio Lower Upper

83 100

85 63.7 47.3 87.8



#27

1,2-Dichloroethane

Concen: 4.832 ug/L

RT: 5.40 min Scan# 1340

Delta R.T. -0.00 min

Lab File: VU033058.D

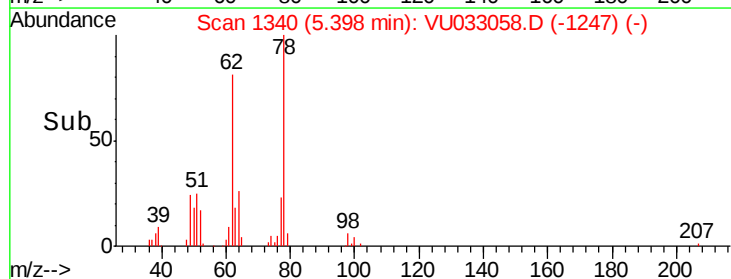
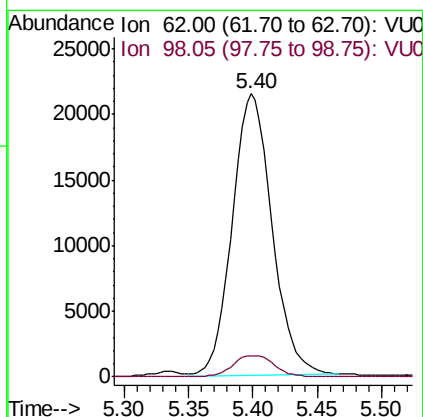
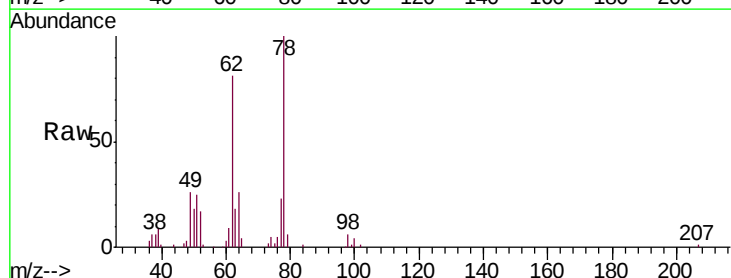
Acq: 27 Jun 2019 11:44

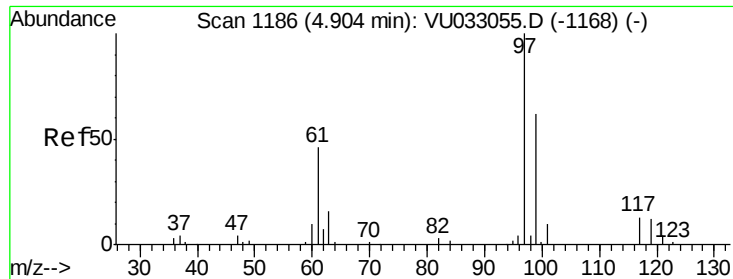
Tgt Ion: 62 Resp: 46039

Ion Ratio Lower Upper

62 100

98 7.5 5.8 8.6

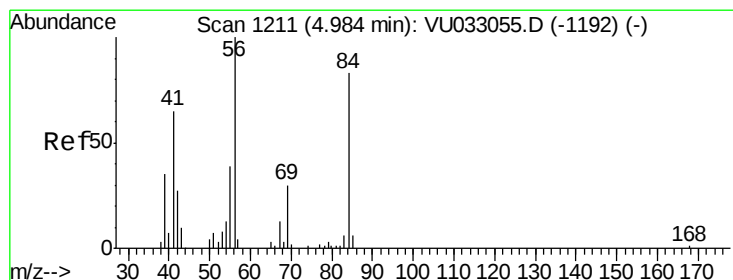
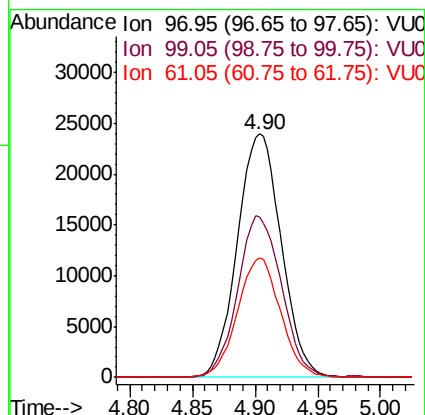
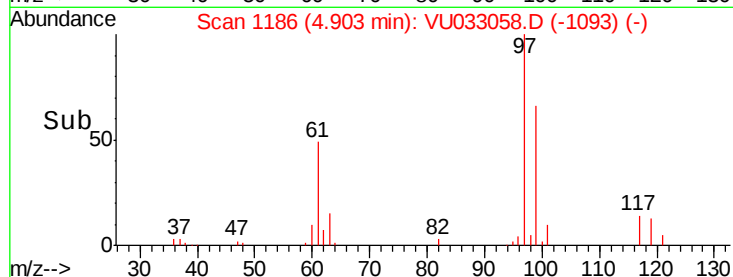
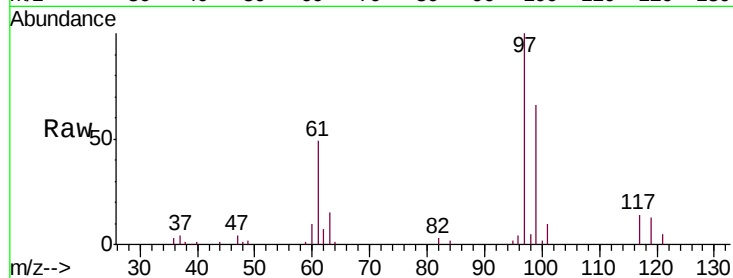




#29
 1,1,1-Trichloroethane
 Concen: 4.899 ug/L
 RT: 4.90 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

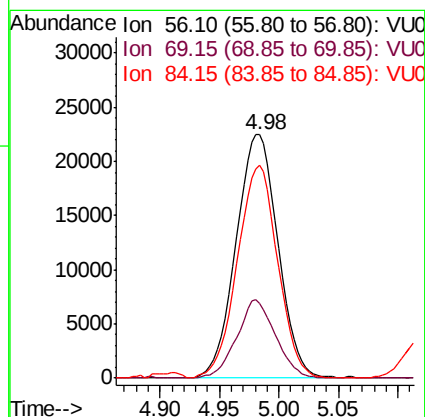
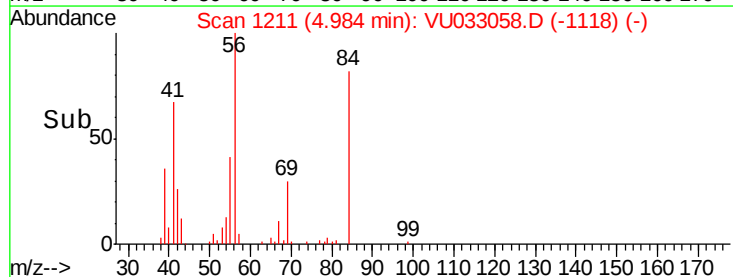
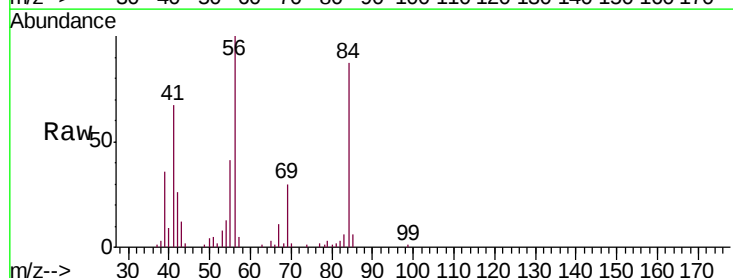
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

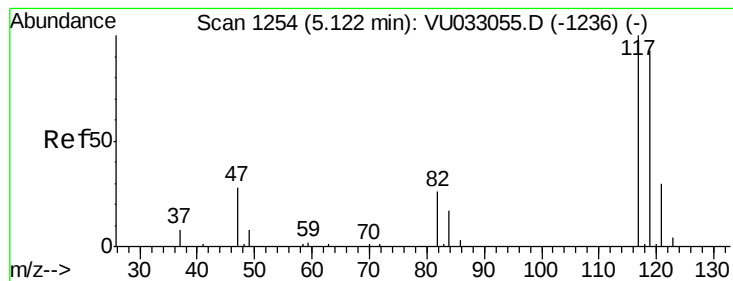
Tgt Ion: 97 Resp: 58328
 Ion Ratio Lower Upper
 97 100
 99 66.0 51.4 77.2
 61 48.1 38.1 57.1



#30
 Cyclohexane
 Concen: 4.964 ug/L
 RT: 4.98 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion: 56 Resp: 54757
 Ion Ratio Lower Upper
 56 100
 69 29.7 23.7 35.5
 84 84.3 65.8 98.8





#31

Carbon tetrachloride

Concen: 5.008 ug/L

RT: 5.12 min Scan# 1254

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

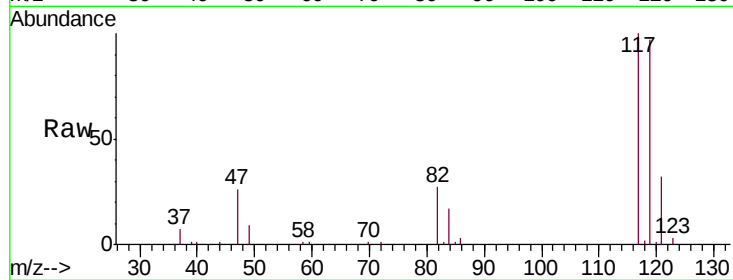
VICV06

Tgt Ion:117 Resp: 54253

Ion Ratio Lower Upper

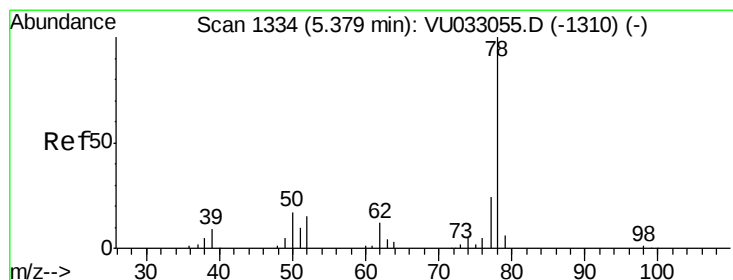
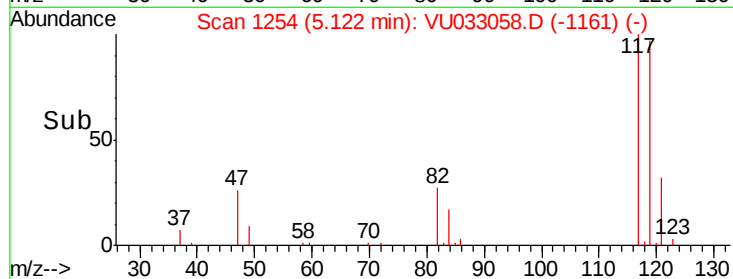
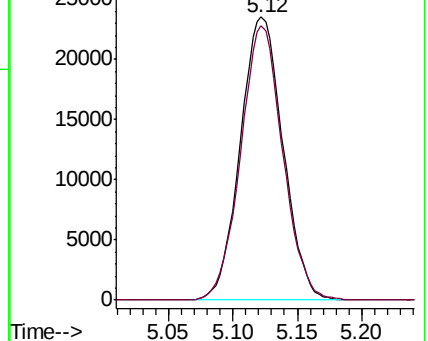
117 100

119 95.5 75.5 113.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 118.90 (118.60 to 119.60): V



#33

Benzene

Concen: 5.012 ug/L

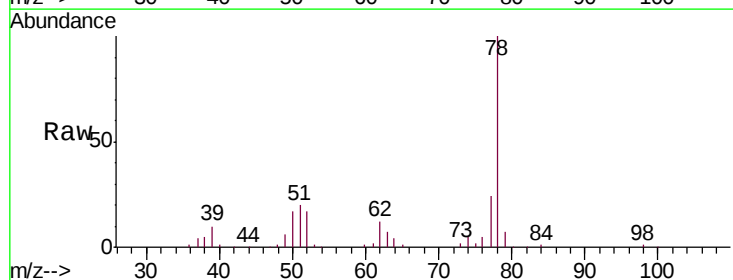
RT: 5.38 min Scan# 1334

Delta R.T. -0.00 min

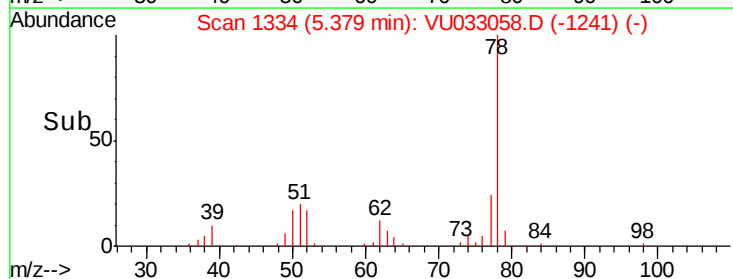
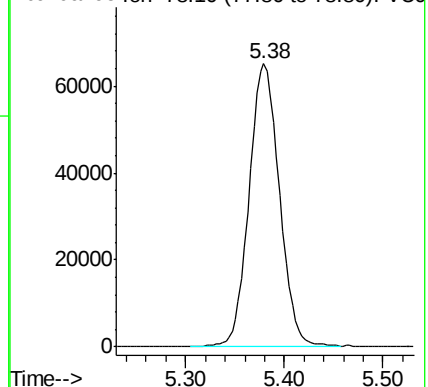
Lab File: VU033058.D

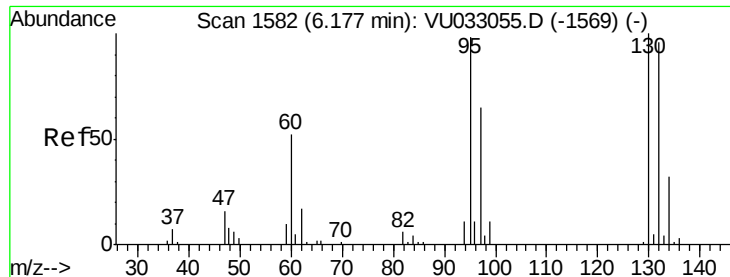
Acq: 27 Jun 2019 11:44

Tgt Ion: 78 Resp: 138473



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.991 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

Tgt Ion: 95 Resp: 37763

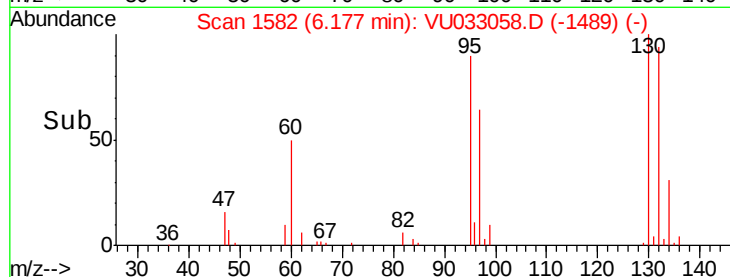
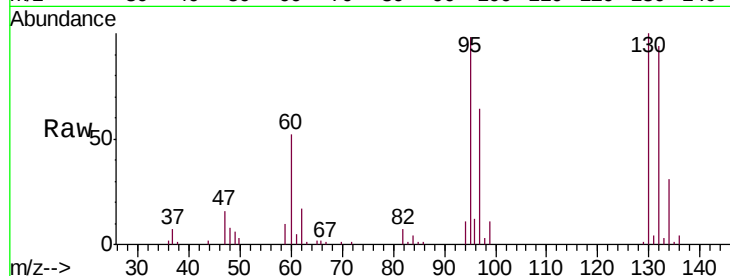
Ion Ratio Lower Upper

95 100

97 64.8 46.0 85.4

132 95.9 68.6 127.4

130 101.7 71.1 132.1

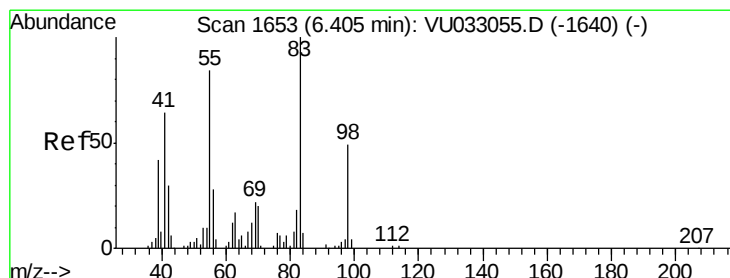
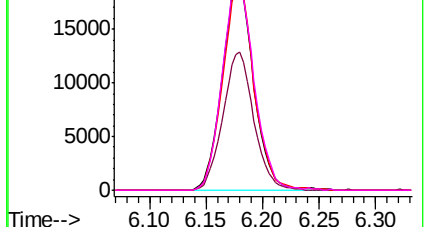


Abundance Ion 95.00 (94.70 to 95.70): VU033055.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU033055.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU033055.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU033055.D (-1569) (-)



#35

Methylcyclohexane

Concen: 5.080 ug/L

RT: 6.40 min Scan# 1653

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

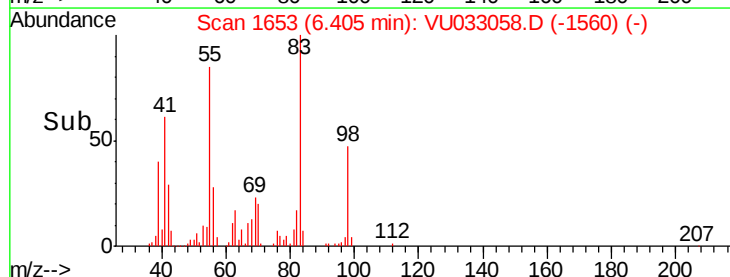
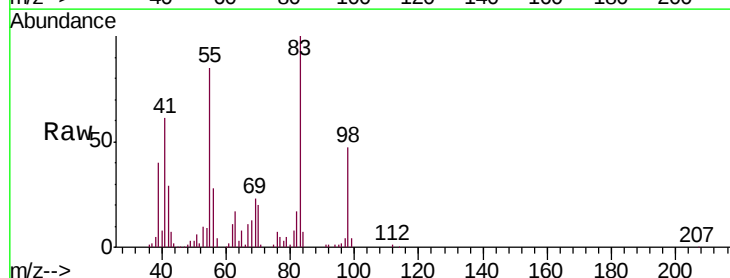
Tgt Ion: 83 Resp: 57225

Ion Ratio Lower Upper

83 100

55 81.9 67.0 100.4

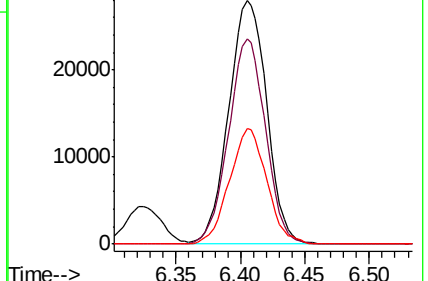
98 46.6 37.7 56.5

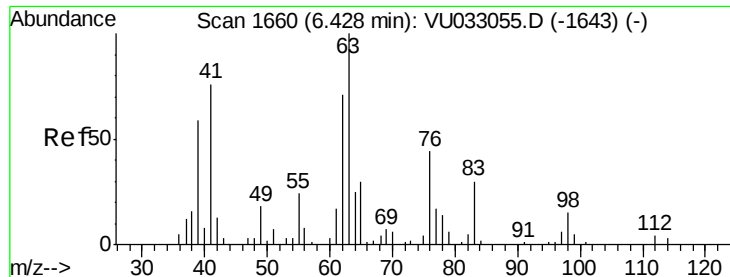


Abundance Ion 83.15 (82.85 to 83.85): VU033055.D (-1640) (-)

Ion 55.10 (54.80 to 55.80): VU033055.D (-1640) (-)

Ion 98.15 (97.85 to 98.85): VU033055.D (-1640) (-)

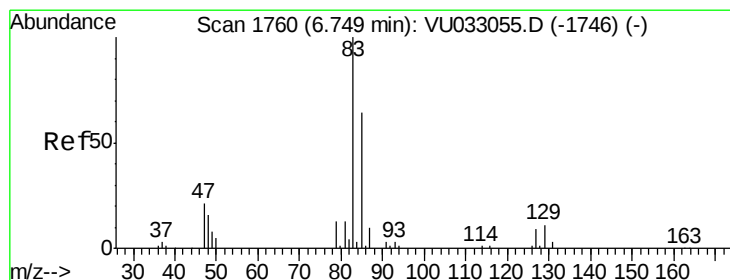
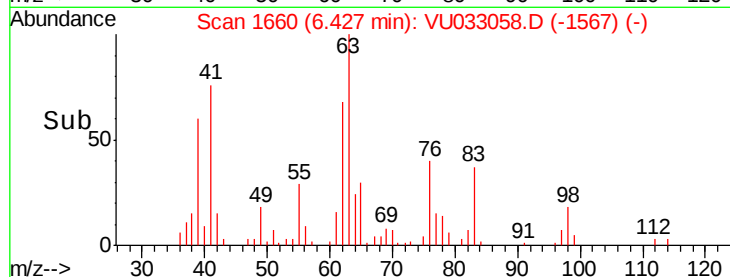
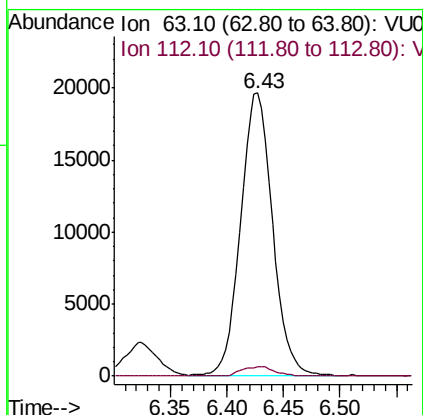
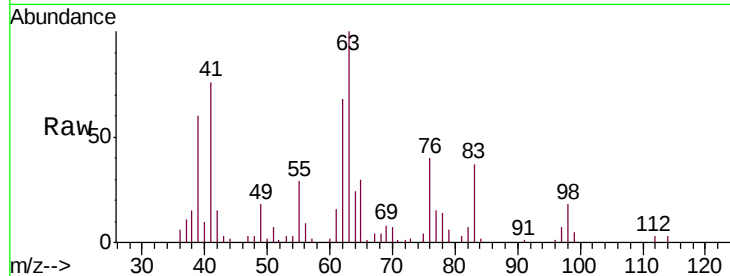




#37
 1,2-Dichloropropane
 Concen: 5.241 ug/L
 RT: 6.43 min Scan# 1660
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

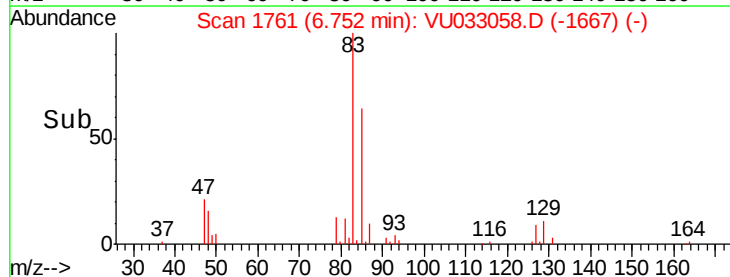
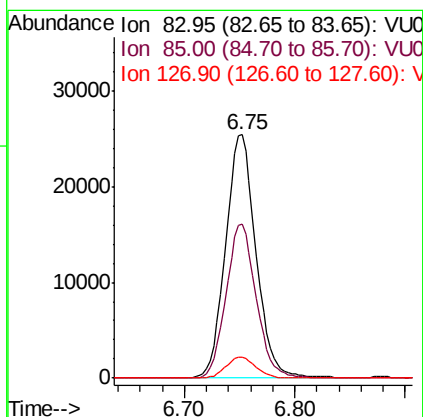
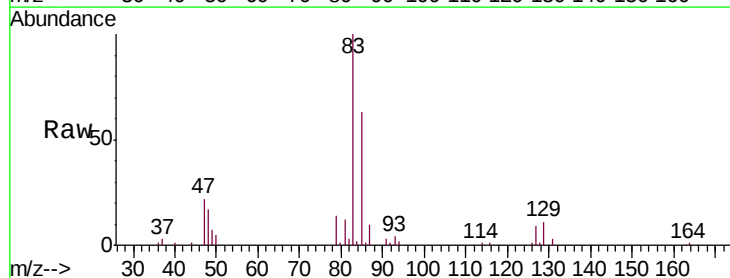
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

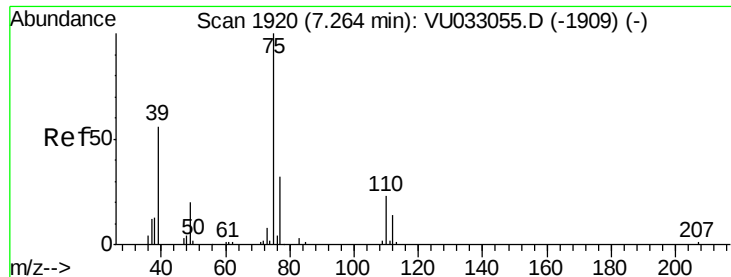
Tgt Ion: 63 Resp: 38832
 Ion Ratio Lower Upper
 63 100
 112 3.4 3.5 5.3#



#38
 Bromodichloromethane
 Concen: 4.971 ug/L
 RT: 6.75 min Scan# 1761
 Delta R.T. 0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion: 83 Resp: 48564
 Ion Ratio Lower Upper
 83 100
 85 63.2 45.1 83.9
 127 8.7 6.9 10.3

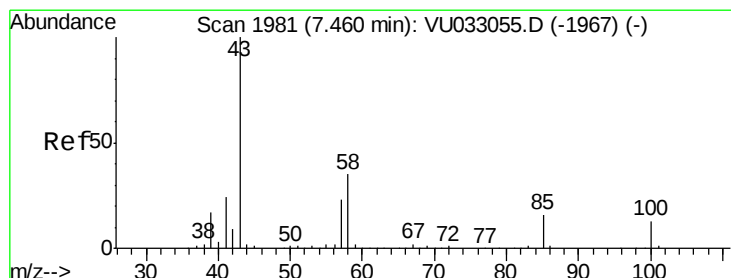
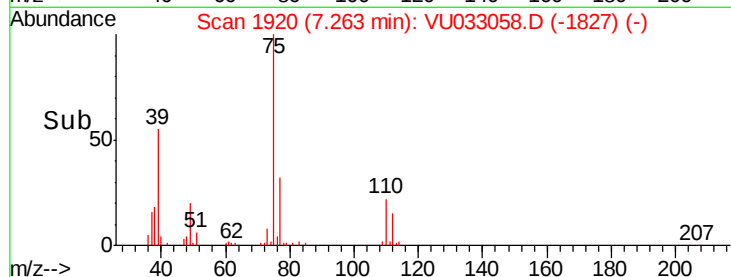
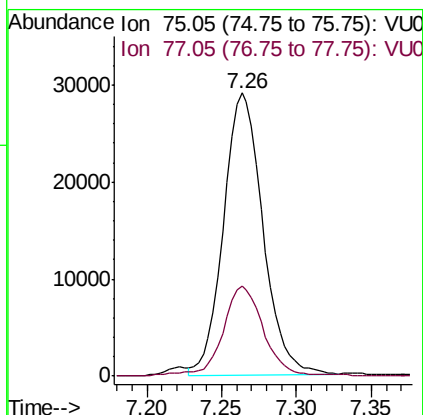
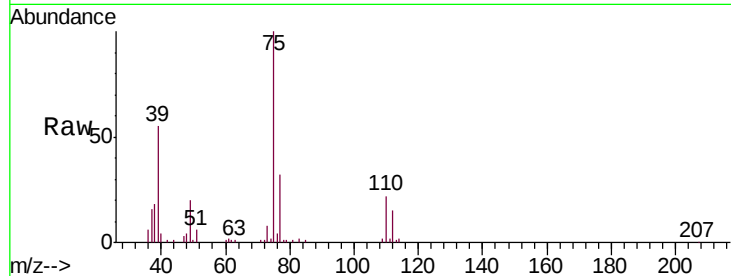




#39
 cis-1,3-Dichloropropene
 Concen: 4.914 ug/L
 RT: 7.26 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

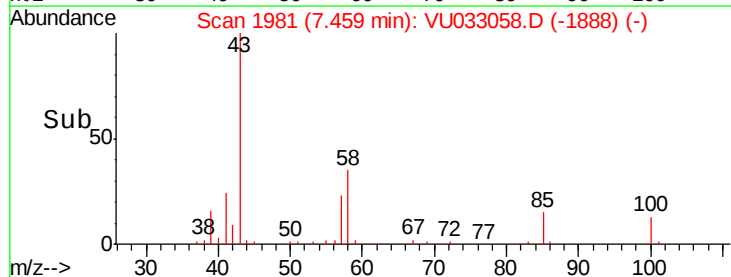
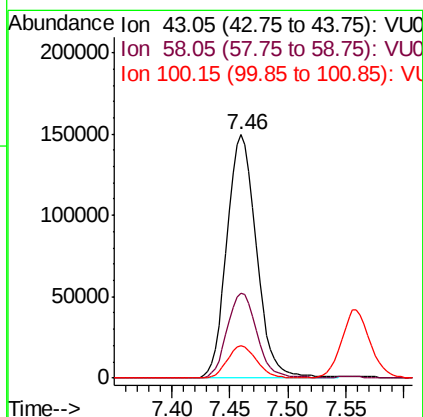
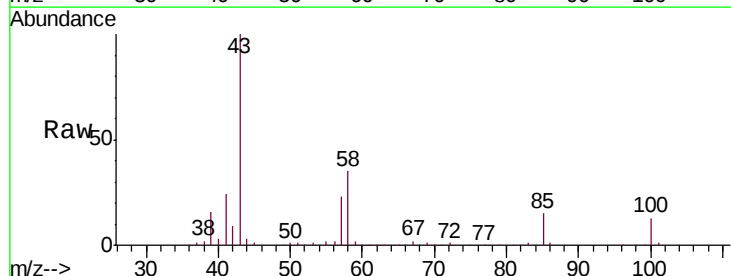
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

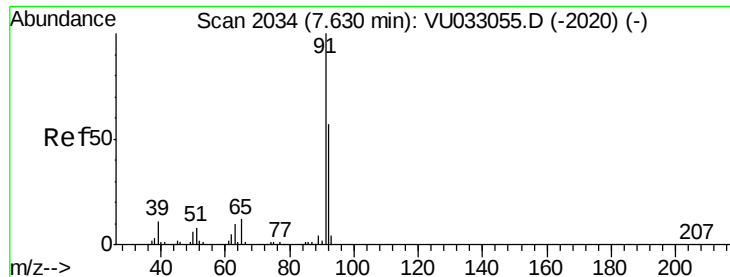
Tgt Ion: 75 Resp: 53092
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.6 42.0



#40
 4-Methyl-2-pentanone
 Concen: 51.744 ug/L
 RT: 7.46 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion: 43 Resp: 264255
 Ion Ratio Lower Upper
 43 100
 58 35.2 28.2 42.2
 100 13.2 10.4 15.6





#42

Toluene

Concen: 5.085 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

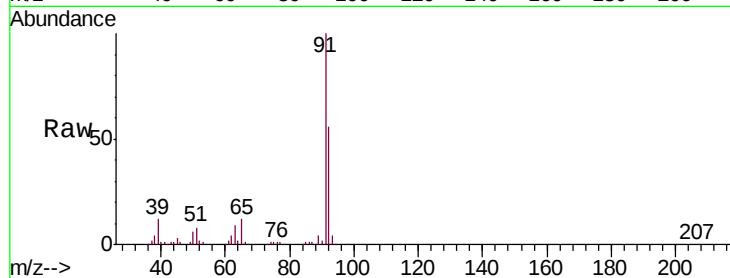
VICV06

Tgt Ion: 91 Resp: 150068

Ion Ratio Lower Upper

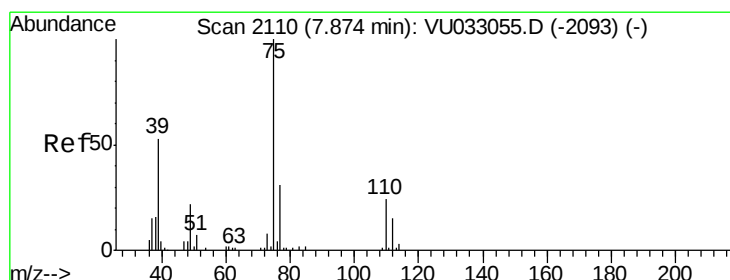
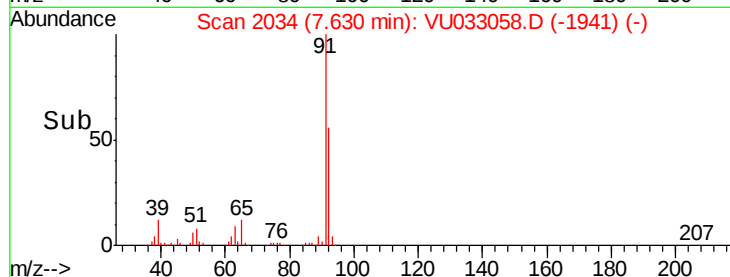
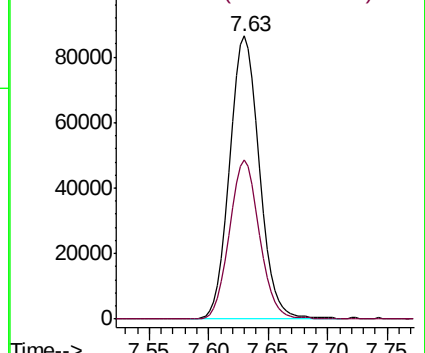
91 100

92 56.3 39.8 74.0



Abundance Ion 91.15 (90.85 to 91.85): VU033055.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VU033055.D (-2020) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.207 ug/L

RT: 7.87 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VU033058.D

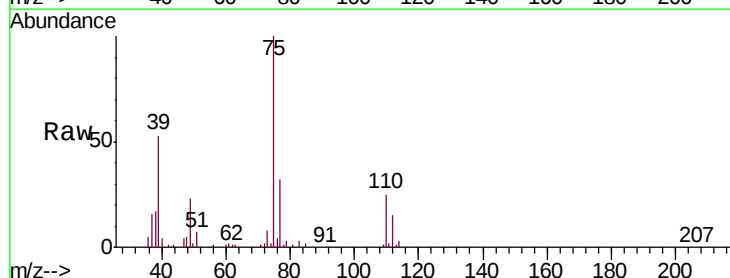
Acq: 27 Jun 2019 11:44

Tgt Ion: 75 Resp: 45848

Ion Ratio Lower Upper

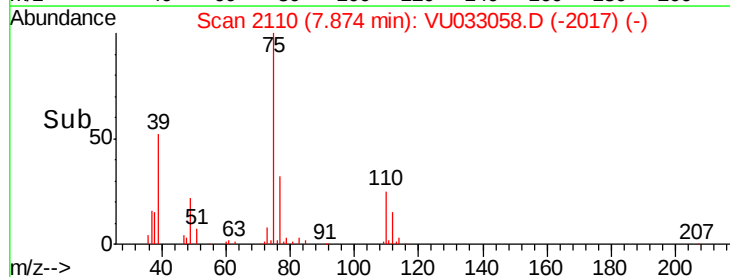
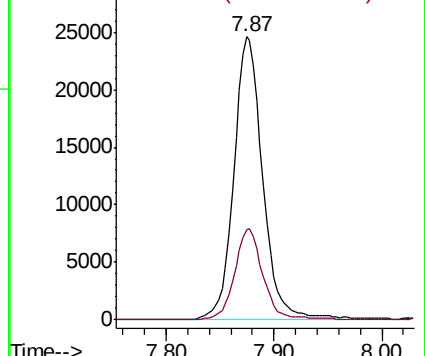
75 100

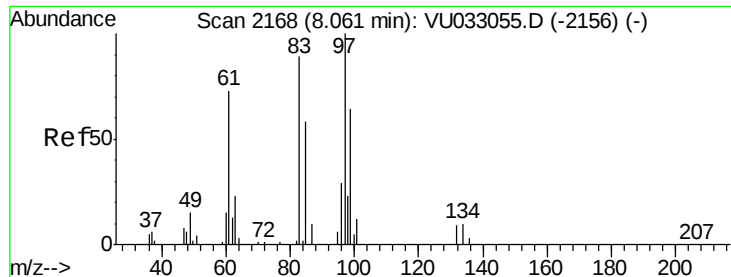
77 31.9 21.6 40.2



Abundance Ion 75.05 (74.75 to 75.75): VU033055.D (-2093) (-)

Ion 77.05 (76.75 to 77.75): VU033055.D (-2093) (-)

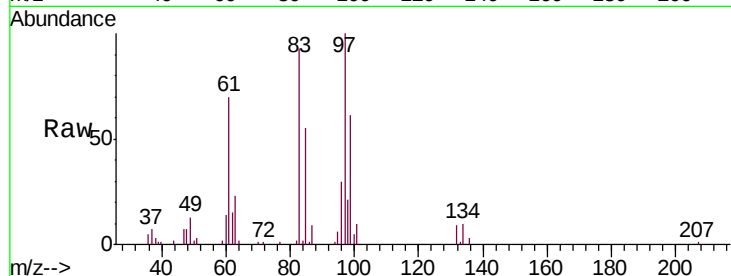




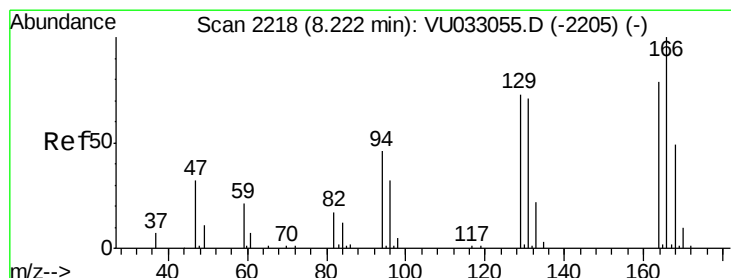
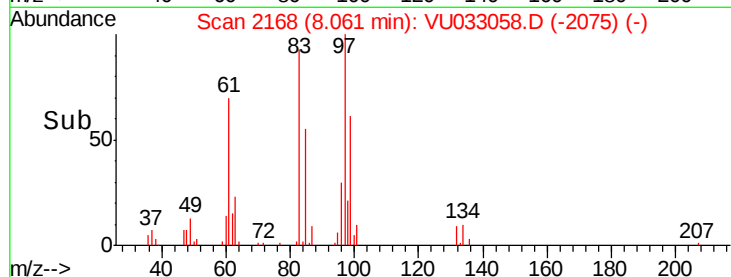
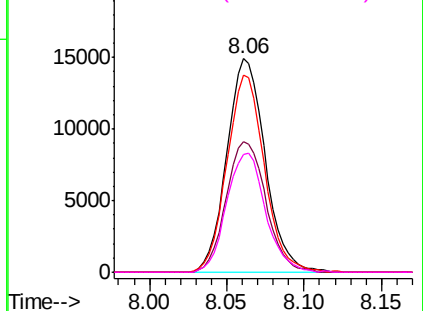
#45
 1,1,2-Trichloroethane
 Concen: 4.938 ug/L
 RT: 8.06 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tgt Ion:	97	Resp:	25657
Ion	Ratio	Lower	Upper
97	100		
99	61.0	44.7	83.1
83	92.5	62.6	116.2
85	54.9	40.5	75.1

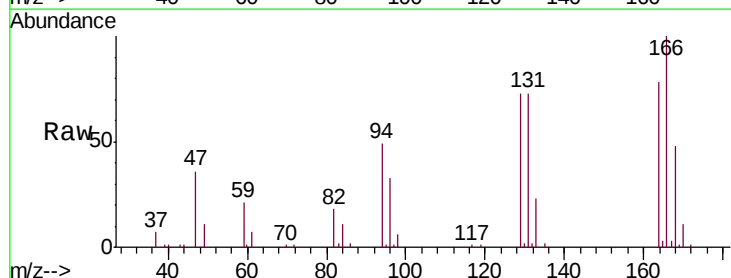


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

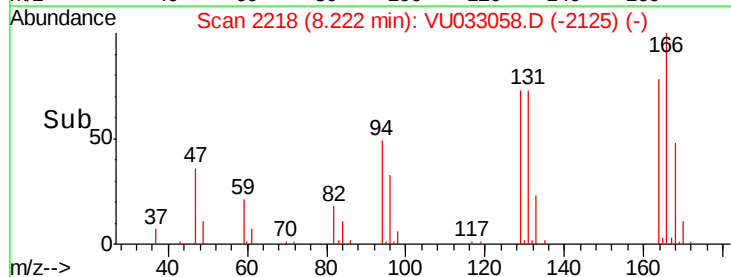
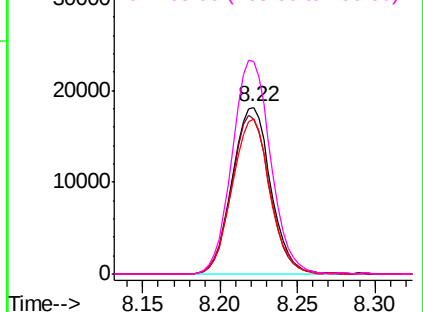


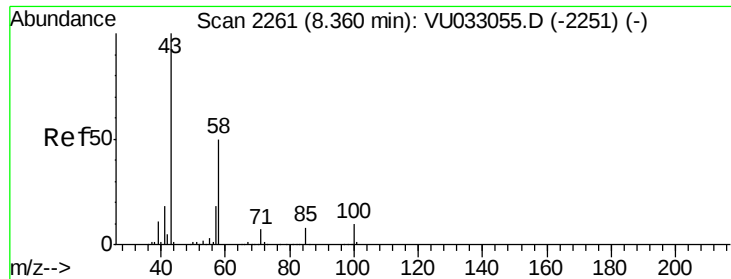
#47
 Tetrachloroethene
 Concen: 5.163 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion:	164	Resp:	31426
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.9	120.5
131	92.7	63.5	117.9
166	127.5	89.1	165.5



Abundance Ion 163.90 (163.60 to 164.60): V
 Ion 128.95 (128.65 to 129.65): V
 Ion 130.95 (130.65 to 131.65): V
 Ion 165.90 (165.60 to 166.60): V

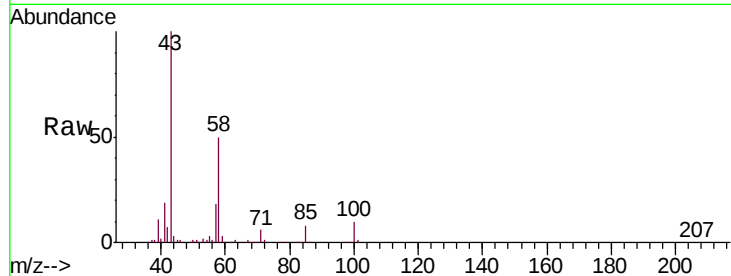




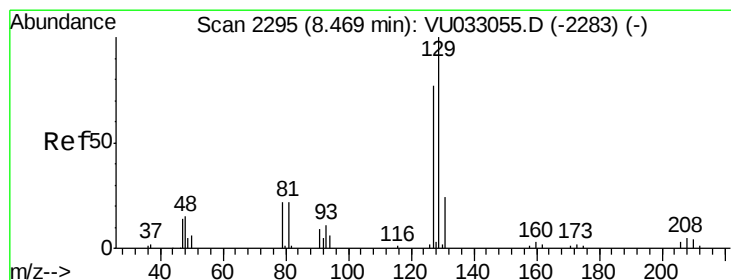
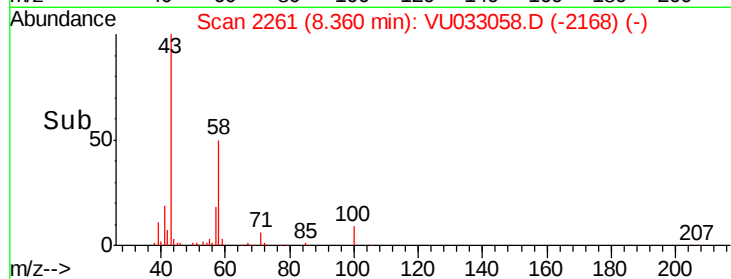
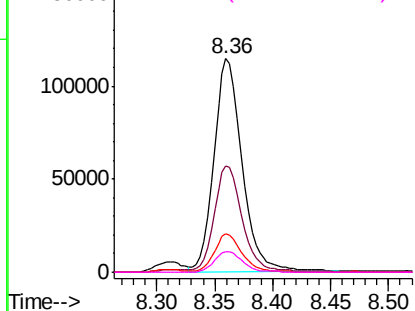
#48
2-Hexanone
Concen: 52.832 ug/L
RT: 8.36 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tgt Ion: 43 Resp: 193075
Ion Ratio Lower Upper
43 100
58 50.3 40.0 60.0
57 17.8 14.0 21.0
100 10.1 7.9 11.9

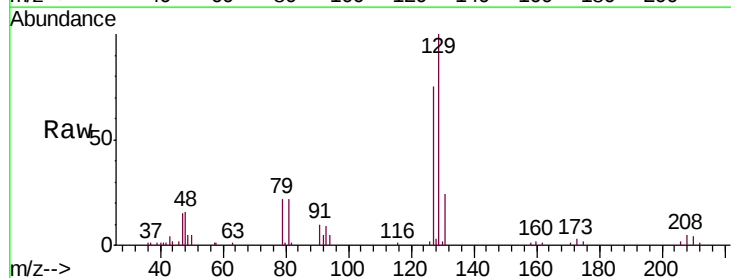


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

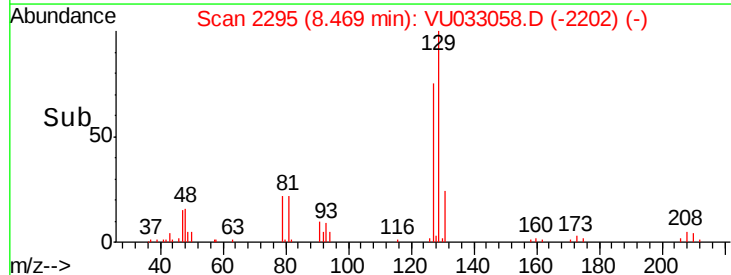
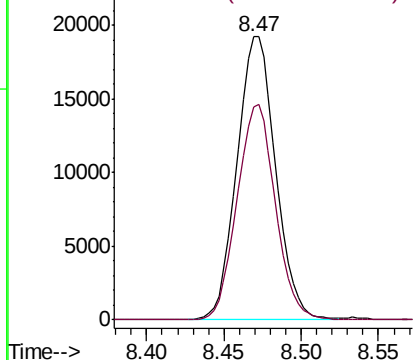


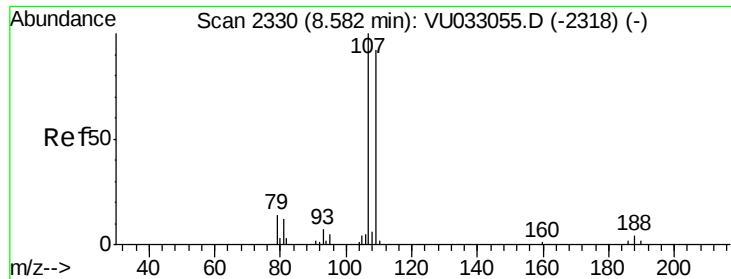
#49
Dibromochloromethane
Concen: 5.080 ug/L
RT: 8.47 min Scan# 2295
Delta R.T. -0.00 min
Lab File: VU033058.D
Acq: 27 Jun 2019 11:44

Tgt Ion: 129 Resp: 33485
Ion Ratio Lower Upper
129 100
127 75.2 54.0 100.4



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V





#50

1,2-Dibromoethane

Concen: 5.005 ug/L

RT: 8.58 min Scan# 2330

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

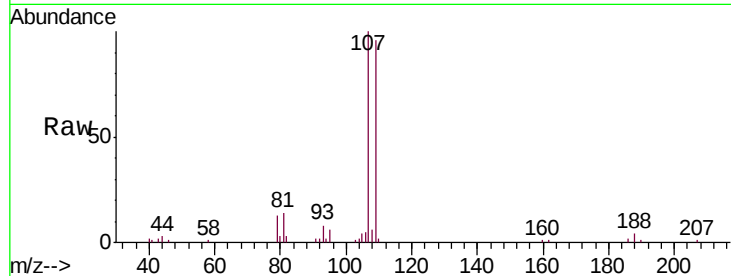
Tgt Ion:107 Resp: 25351

Ion Ratio Lower Upper

107 100

109 96.5 64.7 120.1

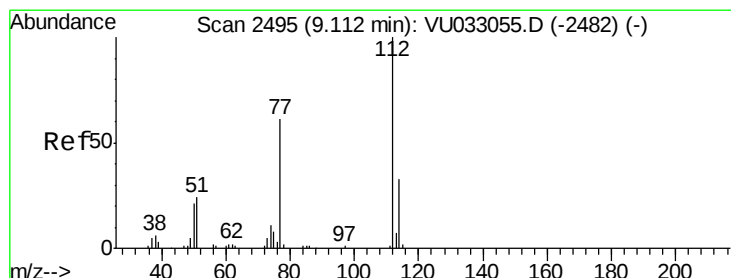
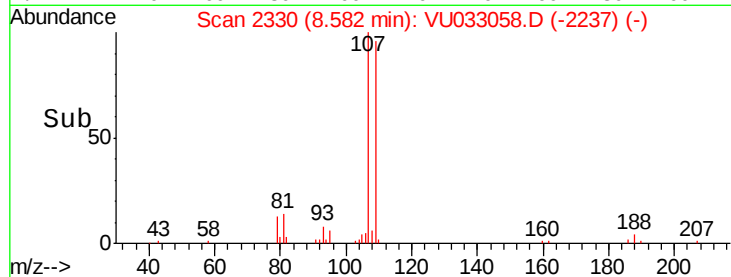
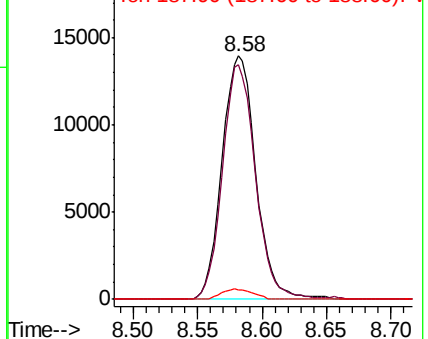
188 4.0 2.9 4.3



Abundance Ion 106.95 (106.65 to 107.65): V

Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V



#51

Chlorobenzene

Concen: 4.998 ug/L

RT: 9.11 min Scan# 2495

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

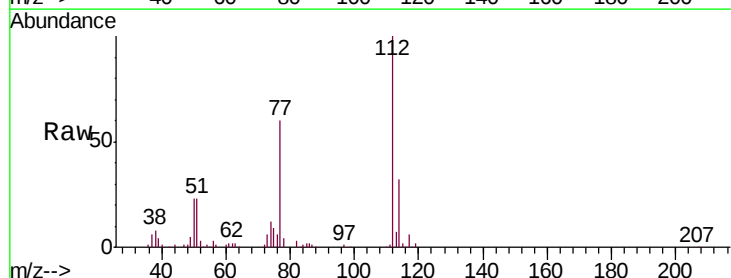
Tgt Ion:112 Resp: 97446

Ion Ratio Lower Upper

112 100

114 31.9 23.3 43.3

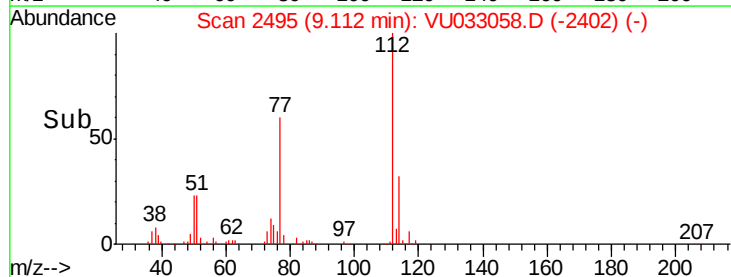
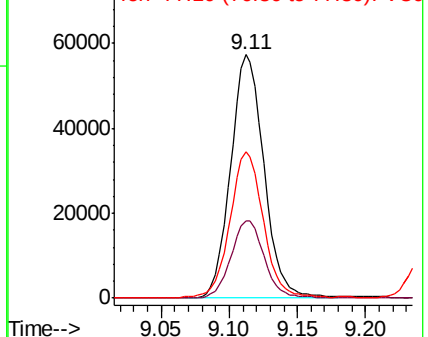
77 60.1 48.9 73.3

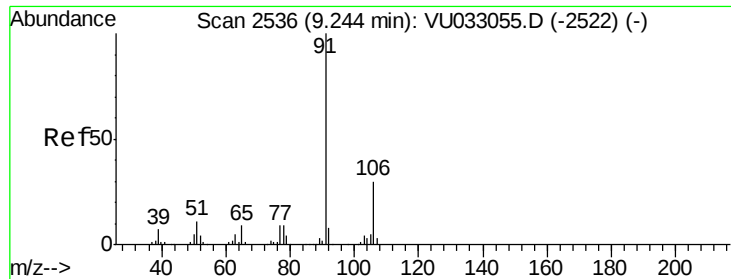


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU





#52

Ethylbenzene

Concen: 5.060 ug/L

RT: 9.24 min Scan# 2536

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

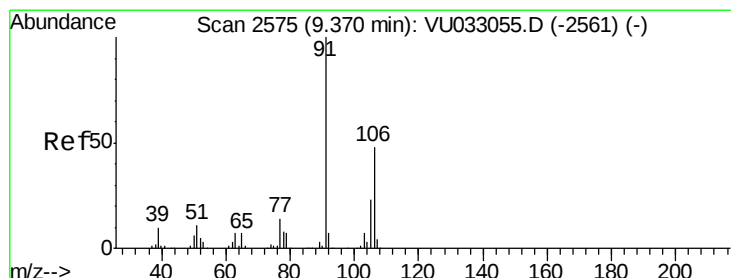
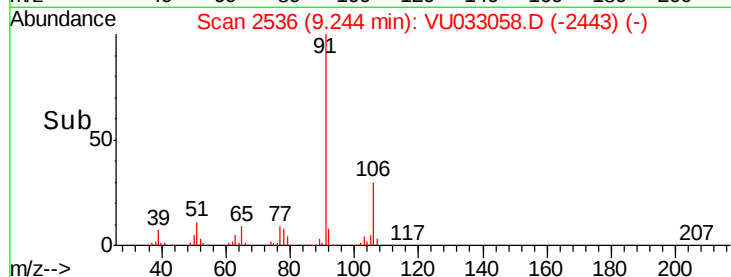
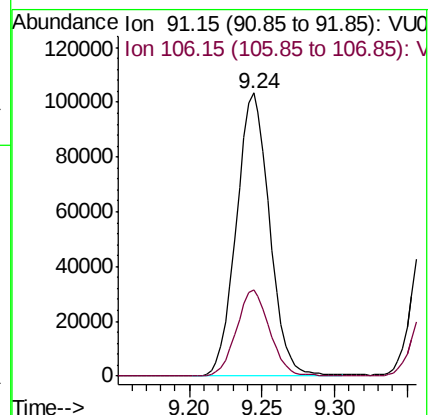
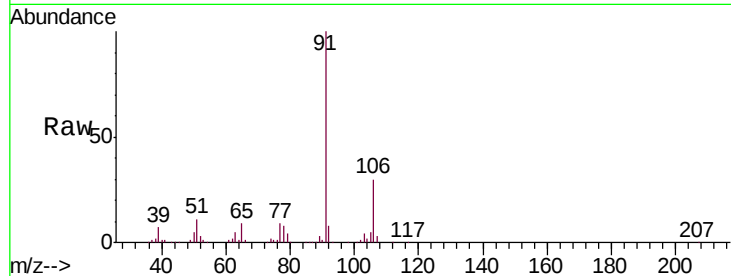
VICV06

Tgt Ion: 91 Resp: 164398

Ion Ratio Lower Upper

91 100

106 30.4 21.2 39.4



#53

m,p-Xylene

Concen: 5.280 ug/L

RT: 9.37 min Scan# 2575

Delta R.T. -0.00 min

Lab File: VU033058.D

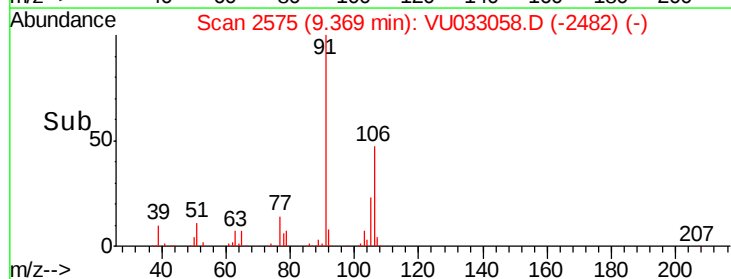
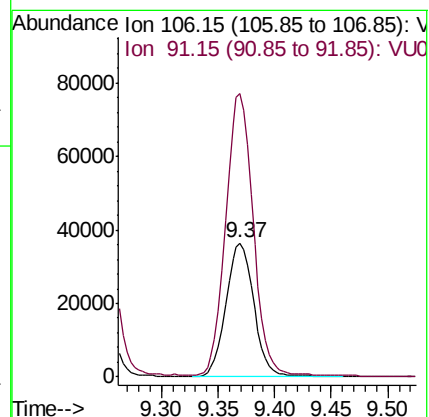
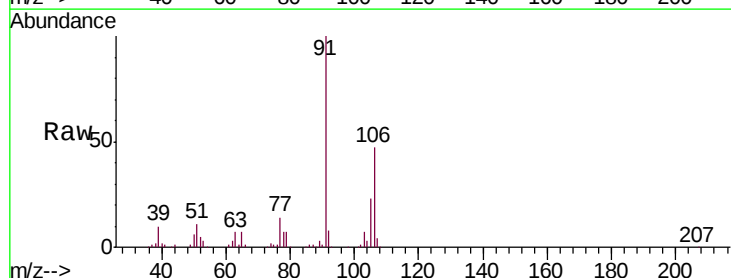
Acq: 27 Jun 2019 11:44

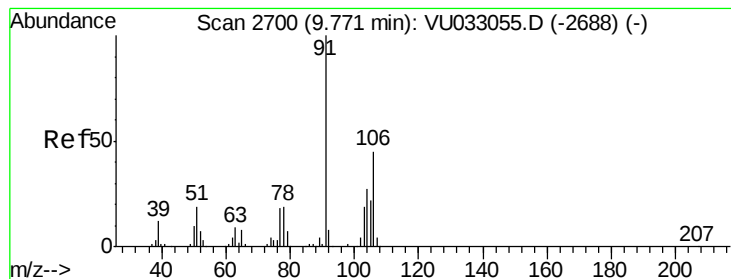
Tgt Ion: 106 Resp: 62271

Ion Ratio Lower Upper

106 100

91 211.8 146.4 272.0





#54

o-Xylene

Concen: 5.177 ug/L

RT: 9.77 min Scan# 2700

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

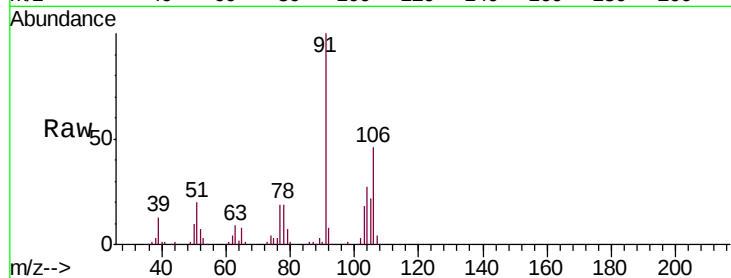
VICV06

Tgt Ion:106 Resp: 59499

Ion Ratio Lower Upper

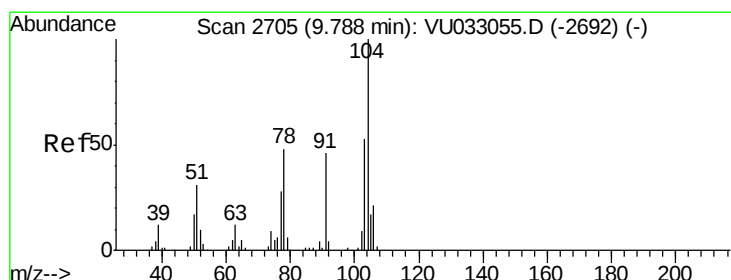
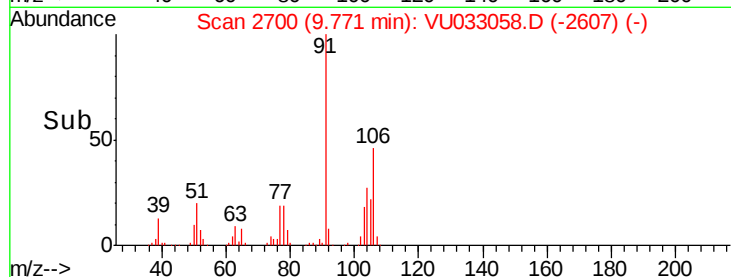
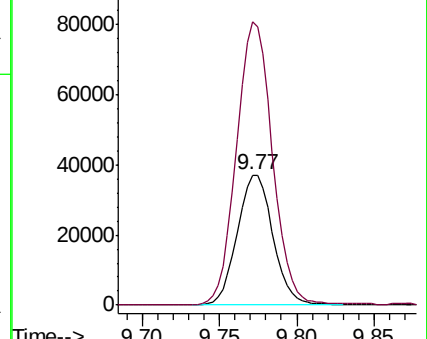
106 100

91 217.9 155.1 288.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VU0



#55

Styrene

Concen: 5.398 ug/L

RT: 9.79 min Scan# 2705

Delta R.T. -0.00 min

Lab File: VU033058.D

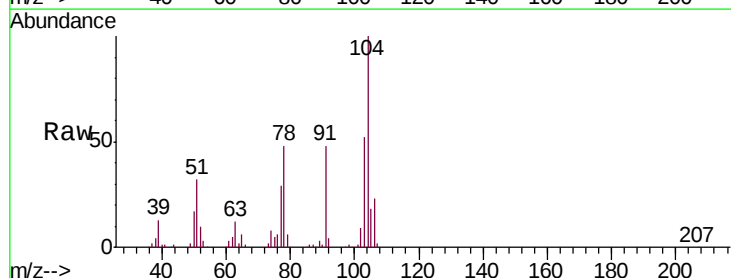
Acq: 27 Jun 2019 11:44

Tgt Ion:104 Resp: 105025

Ion Ratio Lower Upper

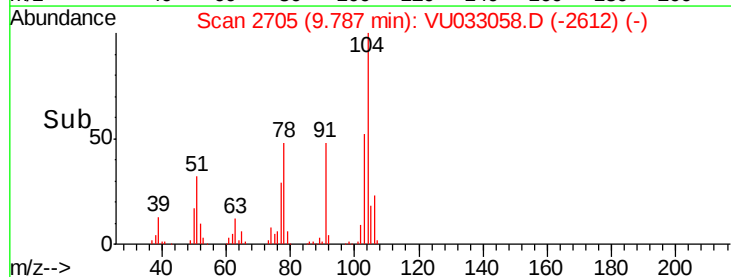
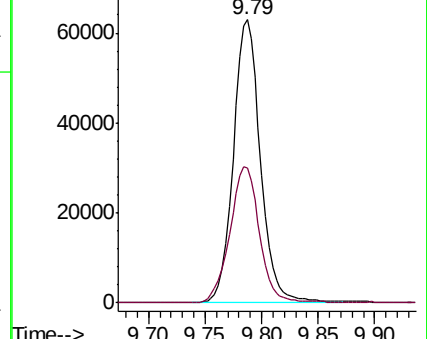
104 100

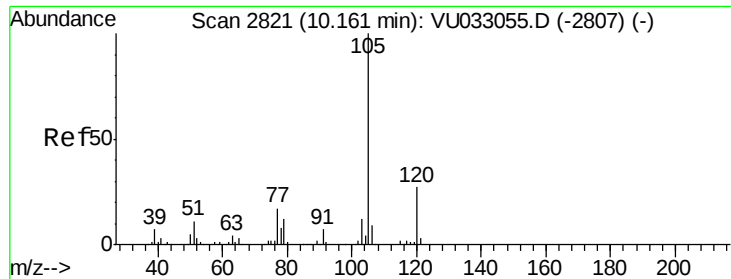
78 47.7 33.9 62.9



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 5.236 ug/L

RT: 10.16 min Scan# 2821

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

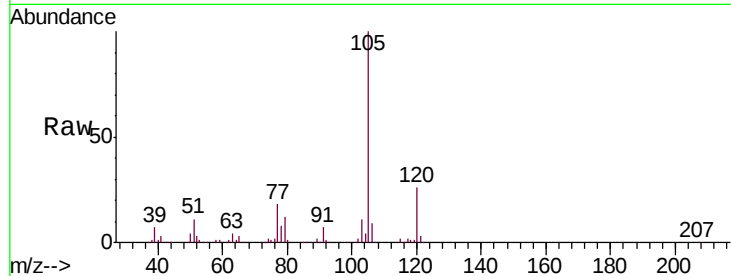
Tgt Ion: 105 Resp: 163384

Ion Ratio Lower Upper

105 100

120 26.3 21.0 31.6

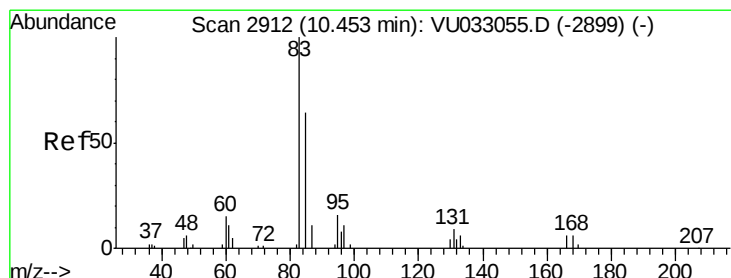
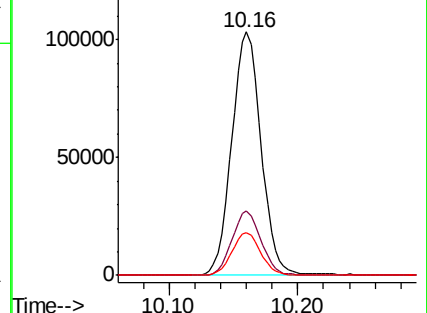
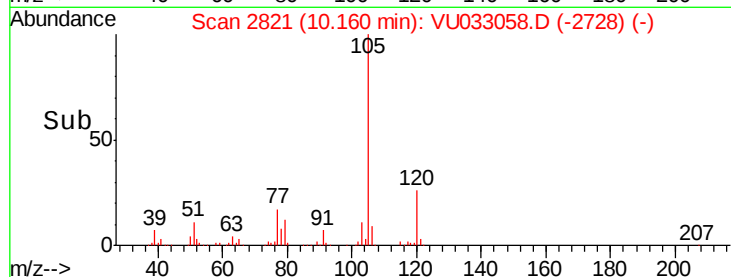
77 17.2 13.6 20.4



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 5.054 ug/L

RT: 10.45 min Scan# 2912

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

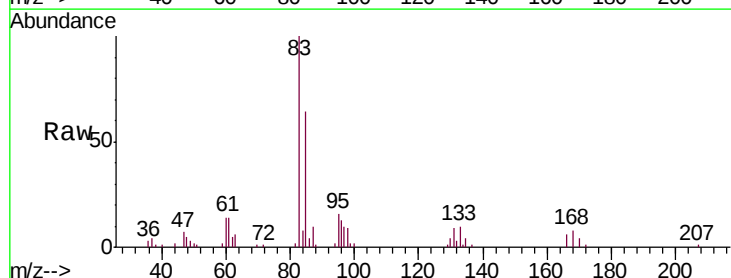
Tgt Ion: 83 Resp: 34064

Ion Ratio Lower Upper

83 100

85 63.6 45.7 84.9

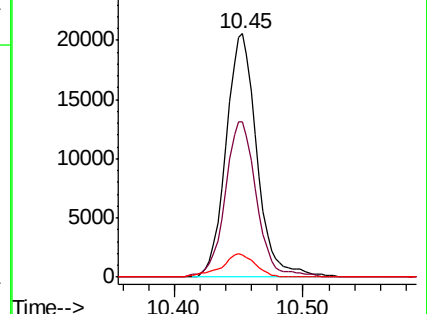
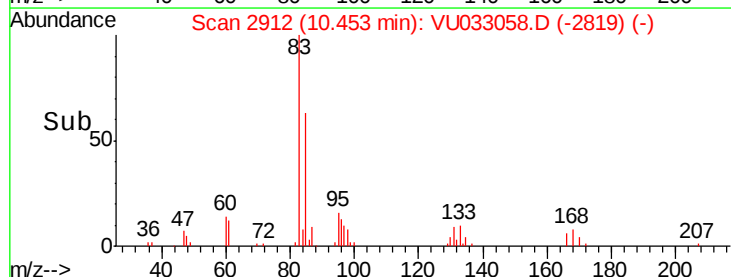
131 9.3 7.7 11.5

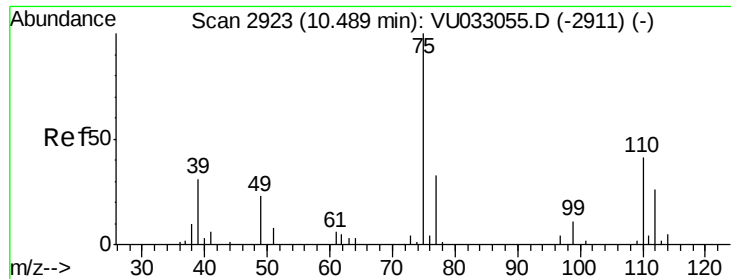


Abundance Ion 82.95 (82.65 to 83.65): V

Ion 85.00 (84.70 to 85.70): V

Ion 130.95 (130.65 to 131.65): V

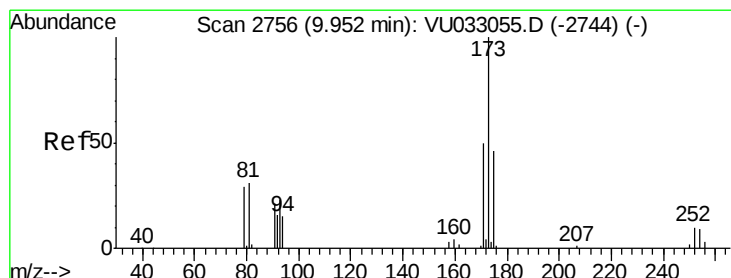
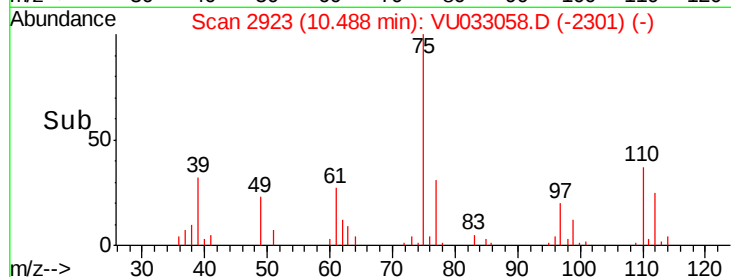
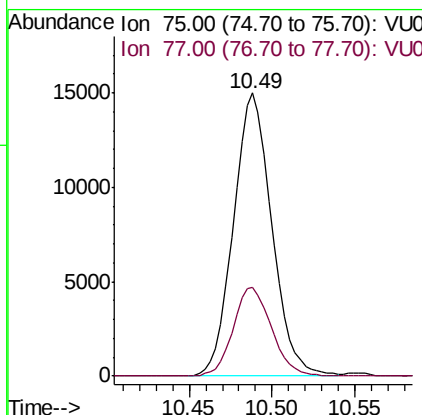
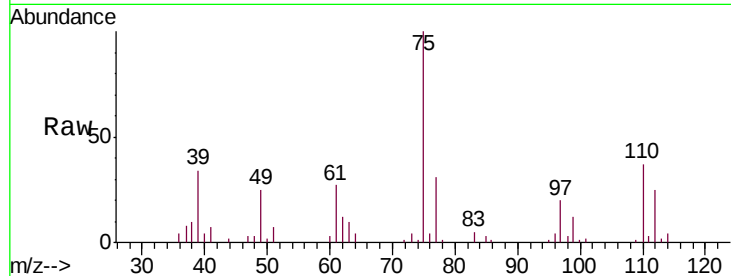




#59
 1,2,3-Trichloropropane
 Concen: 4.878 ug/L
 RT: 10.49 min Scan# 2923
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

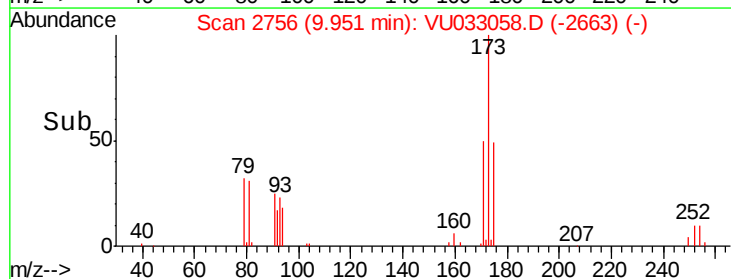
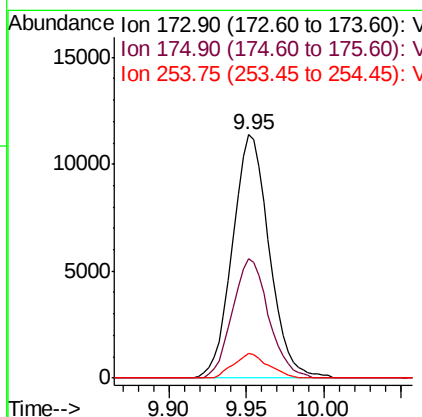
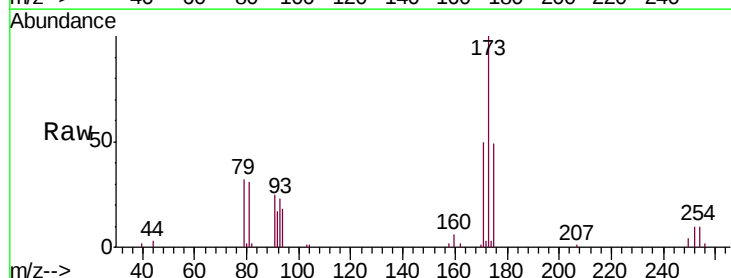
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

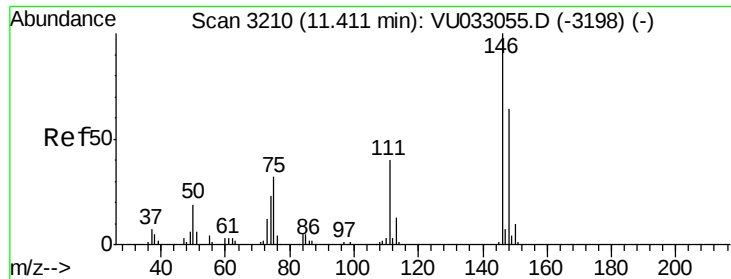
Tgt Ion: 75 Resp: 24188
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.2



#61
 Bromoform
 Concen: 4.831 ug/L
 RT: 9.95 min Scan# 2756
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion: 173 Resp: 18776
 Ion Ratio Lower Upper
 173 100
 175 48.3 37.7 56.5
 254 9.4 7.7 11.5





#62

1,3-Dichlorobenzene

Concen: 5.034 ug/L

RT: 11.41 min Scan# 3210

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

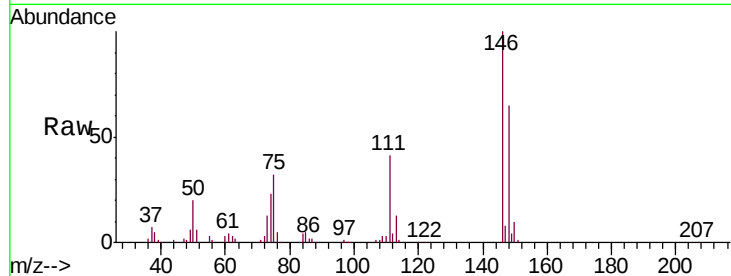
Tgt Ion:146 Resp: 80379

Ion Ratio Lower Upper

146 100

111 40.5 27.7 51.5

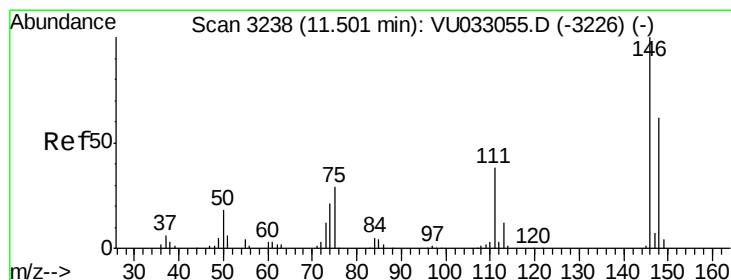
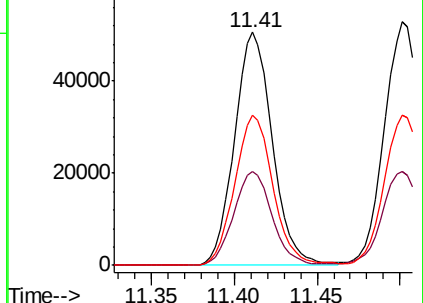
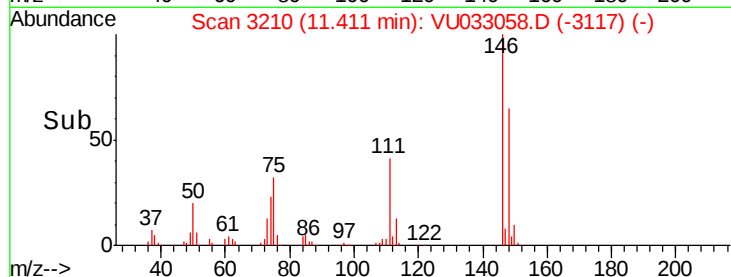
148 64.6 44.5 82.7



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



#63

1,4-Dichlorobenzene

Concen: 5.101 ug/L

RT: 11.50 min Scan# 3238

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

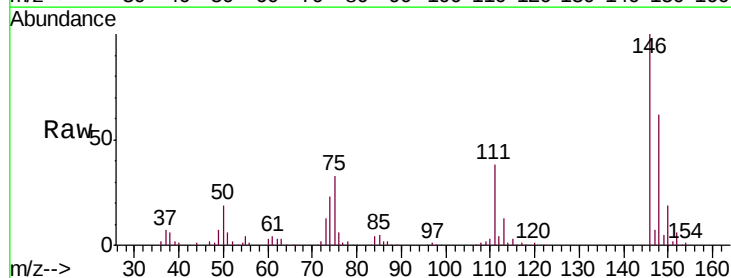
Tgt Ion:146 Resp: 84967

Ion Ratio Lower Upper

146 100

111 38.5 26.7 49.7

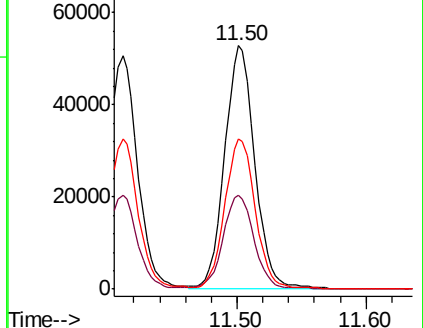
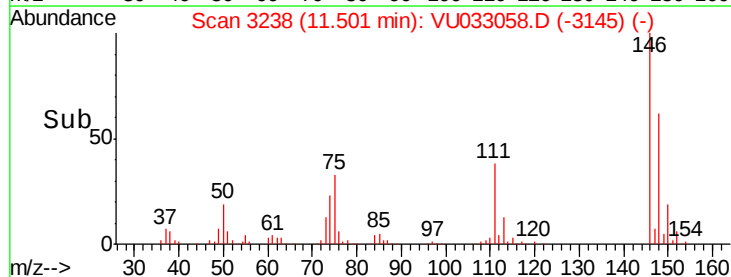
148 61.6 43.6 81.0

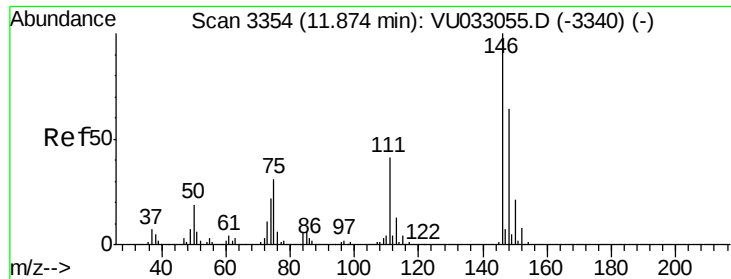


Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#65

1,2-Dichlorobenzene

Concen: 5.120 ug/L

RT: 11.87 min Scan# 3354

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampleId :

VICV06

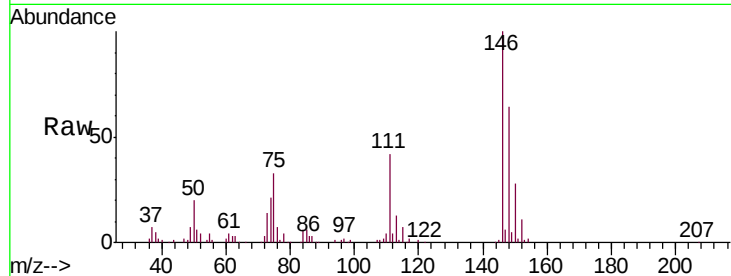
Tgt Ion:146 Resp: 79295

Ion Ratio Lower Upper

146 100

111 41.7 33.2 49.8

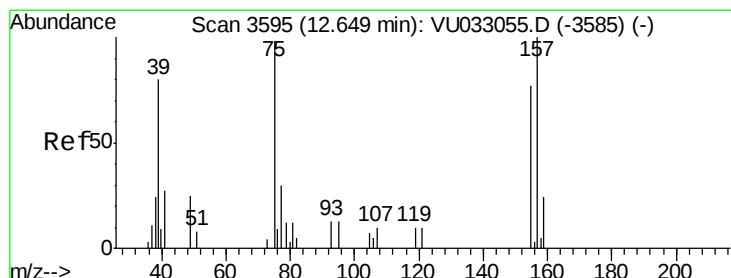
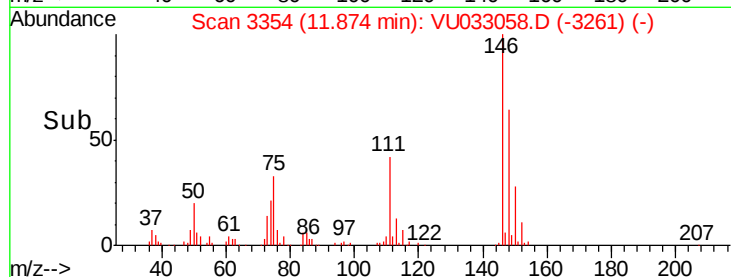
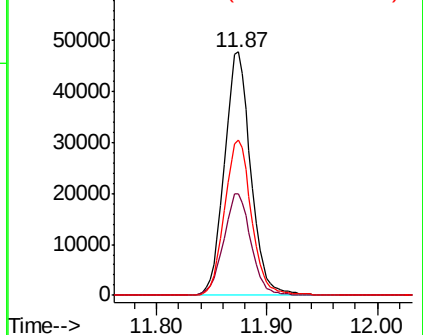
148 64.0 51.4 77.0



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



#66

1,2-Dibromo-3-chloropropane

Concen: 5.306 ug/L

RT: 12.65 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

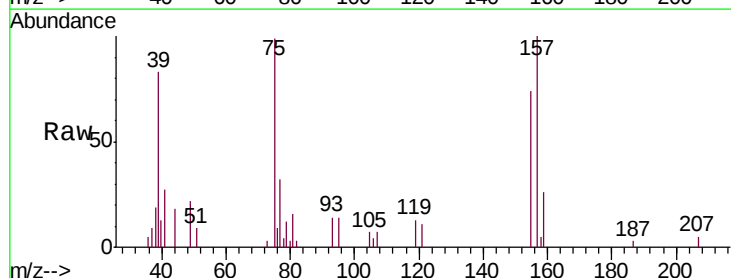
Tgt Ion: 75 Resp: 5651

Ion Ratio Lower Upper

75 100

155 75.4 62.9 94.3

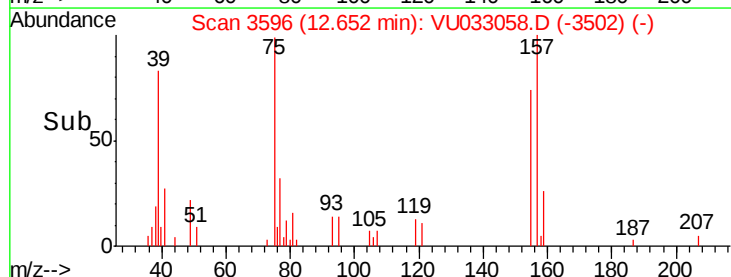
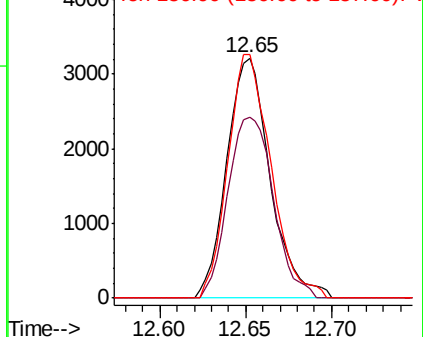
157 101.3 82.0 123.0

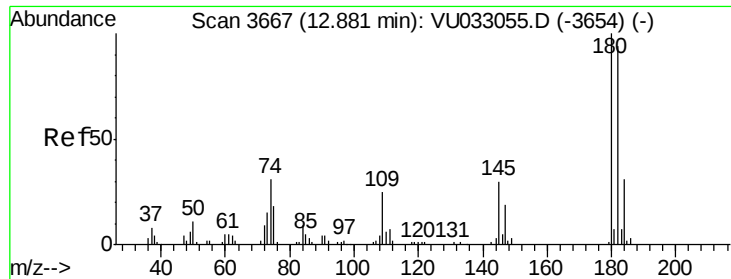


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

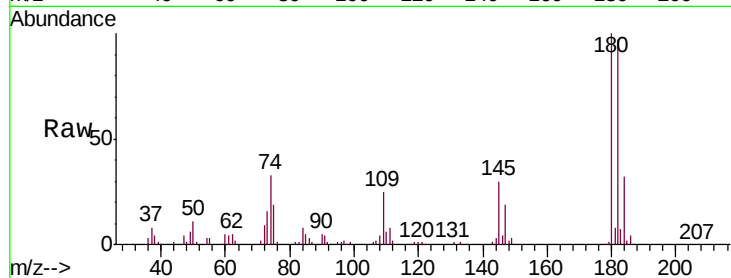




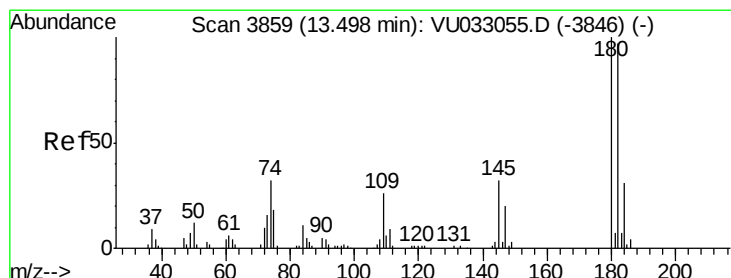
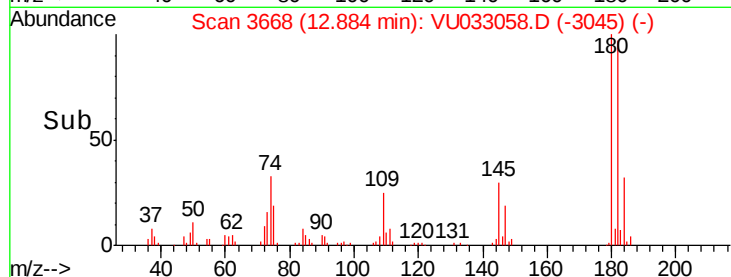
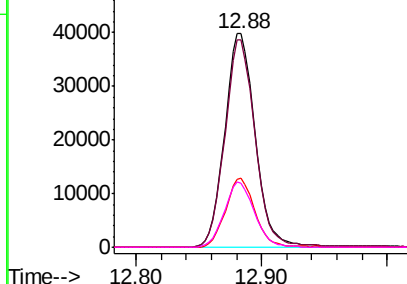
#67
 1,3,5-Trichlorobenzene
 Concen: 5.260 ug/L
 RT: 12.88 min Scan# 3668
 Delta R.T. 0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tgt Ion:180 Resp: 66936
 Ion Ratio Lower Upper
 180 100
 182 97.5 76.6 114.8
 184 31.2 24.6 36.8
 145 30.3 23.8 35.6

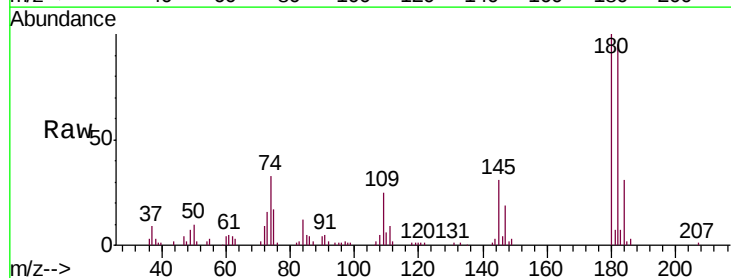


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

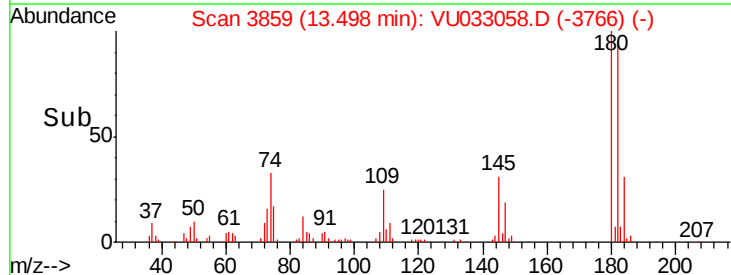
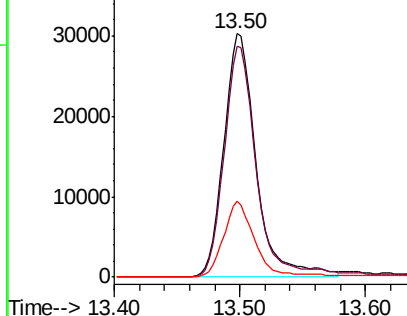


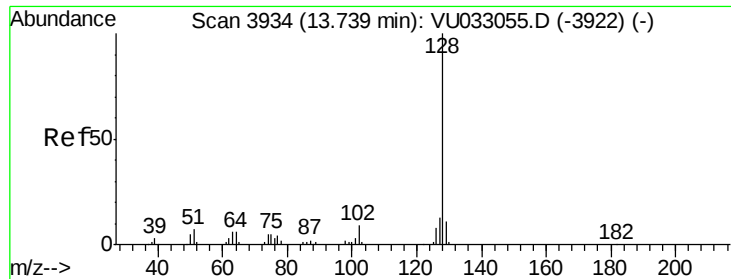
#68
 1,2,4-trichlorobenzene
 Concen: 5.941 ug/L
 RT: 13.50 min Scan# 3859
 Delta R.T. -0.00 min
 Lab File: VU033058.D
 Acq: 27 Jun 2019 11:44

Tgt Ion:180 Resp: 54030
 Ion Ratio Lower Upper
 180 100
 182 92.3 79.1 118.7
 145 29.4 24.3 36.5



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





#69

Naphthalene

Concen: 6.202 ug/L

RT: 13.74 min Scan# 3934

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

Instrument :

MSVOA_U

ClientSampled :

VICV06

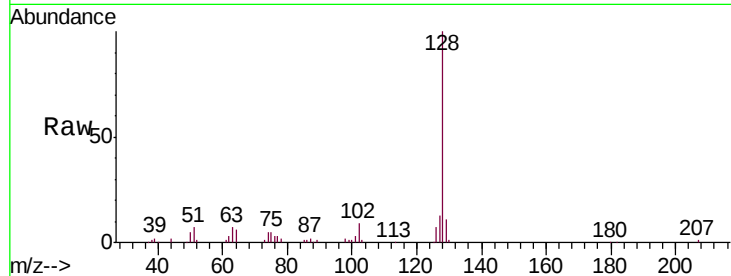
Tgt Ion:128 Resp: 82769

Ion Ratio Lower Upper

128 100

129 10.5 8.6 12.8

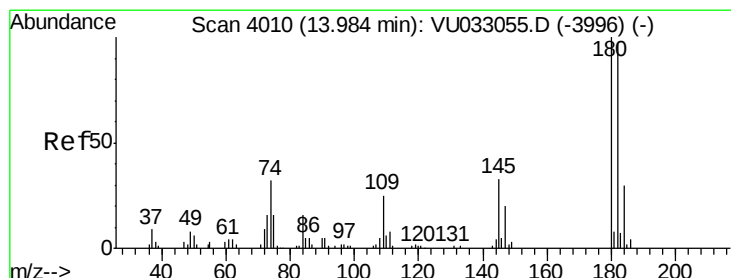
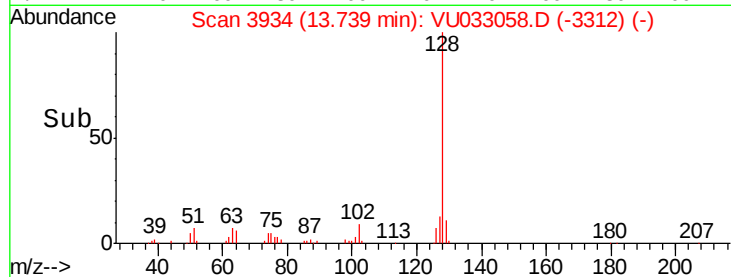
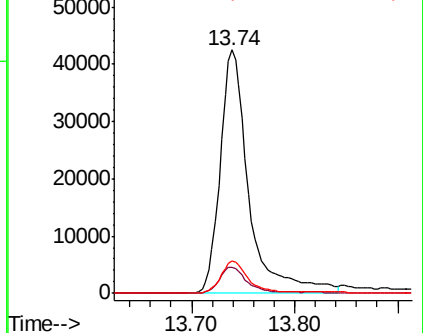
127 12.3 10.9 16.3



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



#70

1,2,3-Trichlorobenzene

Concen: 5.749 ug/L

RT: 13.98 min Scan# 4010

Delta R.T. -0.00 min

Lab File: VU033058.D

Acq: 27 Jun 2019 11:44

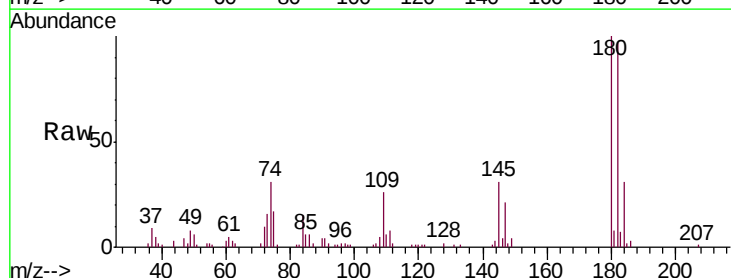
Tgt Ion:180 Resp: 51264

Ion Ratio Lower Upper

180 100

182 94.8 74.8 112.2

145 30.9 25.7 38.5



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

