

Data File : VU035484.D
Acq On : 25 Oct 2019 13:22
Operator : JC/SP
Sample : VSTDICV005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Quant Time: Oct 26 00:00:23 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 23:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	213400	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	233739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	129211	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	148563	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.93	69	118019	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.40%
11) 1,1-Dichloroethene-d2	2.59	63	234751	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.70	46	301980	53.76	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.52%
24) Chloroform-d	5.11	84	219611	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.75	65	113778	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.77	84	438299	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.20%
36) 1,2-Dichloropropane-d6	6.73	67	144120	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.93	98	402103	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.21	79	57785	5.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.00%
46) 2-Hexanone-d5	8.68	63	235920	58.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.06%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	117551	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	12.22	152	139569	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	138520	4.804 ug/L	99
3) Chloromethane	1.54	50	152869	4.538 ug/L	99
5) Vinyl chloride	1.62	62	168568	5.052 ug/L	95
6) Bromomethane	1.87	94	82720	4.765 ug/L	100
8) Chloroethane	1.95	64	88075	4.476 ug/L	97
9) Trichlorofluoromethane	2.16	101	166468	4.306 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100330	4.607 ug/L	99
12) 1,1-Dichloroethene	2.61	96	98749	4.863 ug/L	98
13) Acetone	2.67	43	206447	48.388 ug/L	98
14) Carbon disulfide	2.82	76	351248	4.888 ug/L	99
15) Methyl Acetate	3.00	43	48569	4.966 ug/L	95
16) Methylene chloride	3.08	84	119332	4.536 ug/L	98
17) Methyl tert-butyl Ether	3.43	73	242334	4.935 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	108334	4.904 ug/L	98
19) 1,1-Dichloroethane	3.92	63	213369	4.895 ug/L	99
21) 2-Butanone	4.78	43	313083	50.577 ug/L	100
22) cis-1,2-Dichloroethene	4.72	96	118733	5.038 ug/L	99

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 23:56:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	52635	4.829	ug/L	96
25) Chloroform	5.14	83	215549	4.662	ug/L	100
27) 1,2-Dichloroethane	5.84	62	135395	4.962	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	173968	4.953	ug/L	99
30) Cyclohexane	5.43	56	181345	5.054	ug/L	97
31) Carbon tetrachloride	5.57	117	153554	4.900	ug/L	99
33) Benzene	5.82	78	468031	5.027	ug/L	100
34) Trichloroethene	6.58	95	113617	4.968	ug/L	99
35) Methylcyclohexane	6.80	83	177361	5.011	ug/L	98
37) 1,2-Dichloropropane	6.84	63	123136	5.006	ug/L	99
38) Bromodichloromethane	7.15	83	149966	4.915	ug/L	97
39) cis-1,3-Dichloropropene	7.65	75	168976	4.936	ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	757614	52.023	ug/L	100
42) Toluene	8.01	91	486397	5.119	ug/L	98
44) trans-1,3-Dichloropropene	8.25	75	144643	5.341	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	84479	4.946	ug/L	98
47) Tetrachloroethene	8.58	164	92430	4.922	ug/L	99
48) 2-Hexanone	8.73	43	545939	55.742	ug/L	98
49) Dibromochloromethane	8.84	129	100806	5.043	ug/L	99
50) 1,2-Dibromoethane	8.96	107	80781	5.088	ug/L #	97
51) Chlorobenzene	9.48	112	304669	5.088	ug/L	99
52) Ethylbenzene	9.60	91	509779	5.136	ug/L	100
53) m,p-Xylene	9.72	106	194289	5.360	ug/L	100
54) o-Xylene	10.13	106	183186	5.188	ug/L	100
55) Styrene	10.14	104	313911	5.443	ug/L	99
56) Isopropylbenzene	10.51	105	482059	5.228	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.81	83	111202	4.978	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	78571	4.985	ug/L	98
61) Bromoform	10.32	173	57254	4.561	ug/L	100
62) 1,3-Dichlorobenzene	11.77	146	225382	5.108	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	220451	5.021	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	213244	5.031	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	14565	5.118	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	141598	5.195	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	82704	5.457	ug/L	96
69) Naphthalene	14.11	128	106146	5.130	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	84527	5.598	ug/L	98

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

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Instrument :
MSVOA_U
ClientSampleId :
VICV06

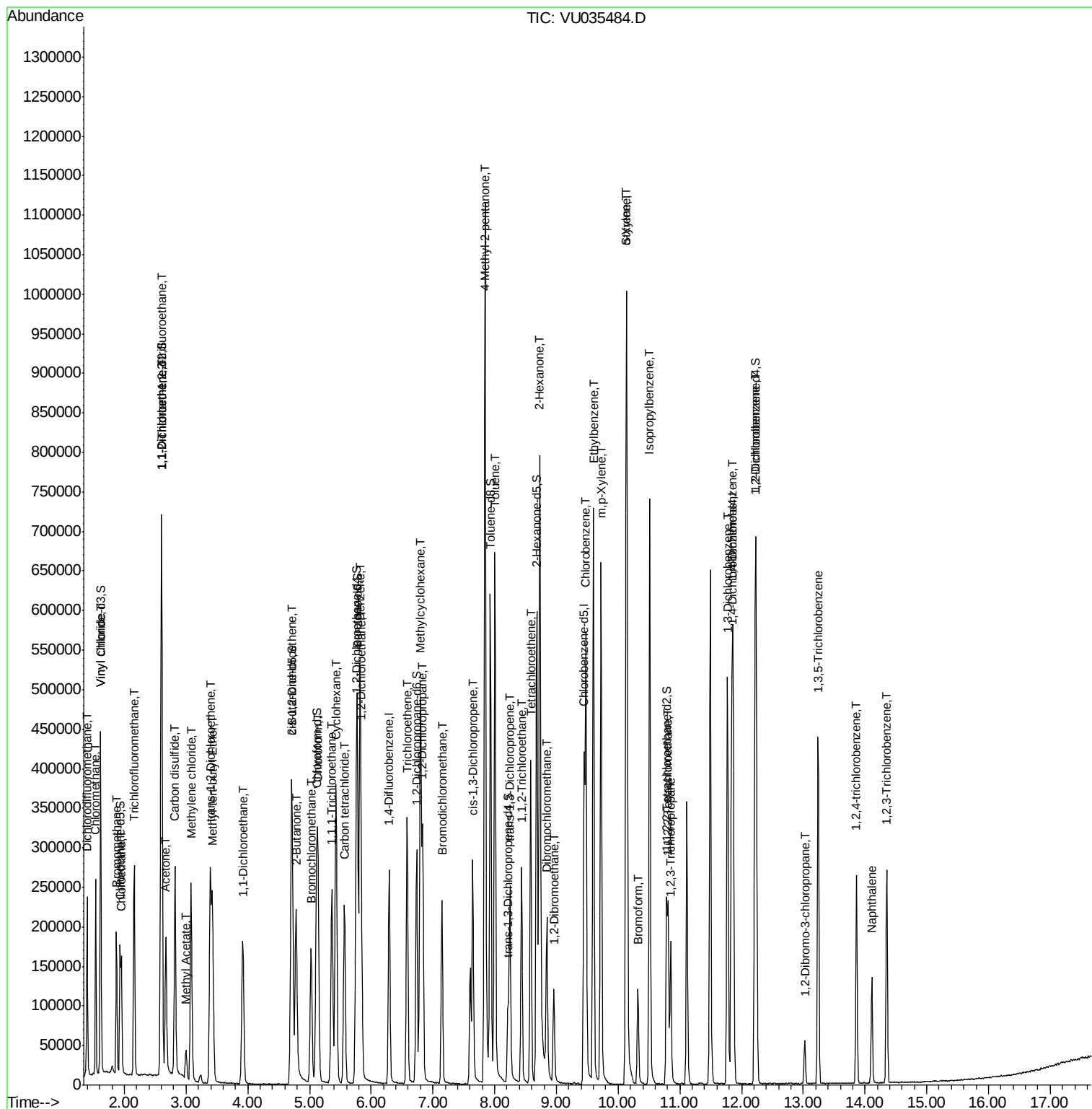
Quant Time: Oct 26 00:00:23 2019

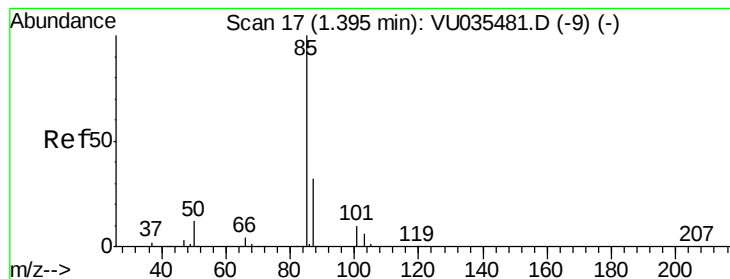
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_U\METHOD\SOMUTR102519WMA.M

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#2

Dichlorodifluoromethane

Concen: 4.804 ug/L

RT: 1.39 min Scan# 17

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

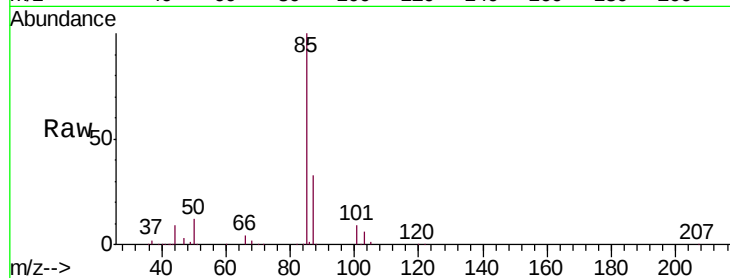
VICV06

Tgt Ion: 85 Resp: 138520

Ion Ratio Lower Upper

85 100

87 32.3 25.4 38.2



Abundance Ion 85.00 (84.70 to 85.70): VU035481.D (-9) (-)

Ion 87.00 (86.70 to 87.70): VU035481.D (-9) (-)

1.39

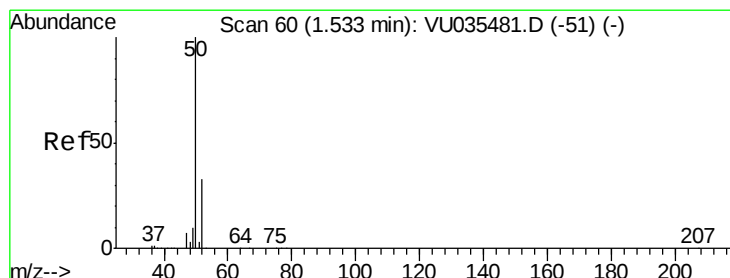
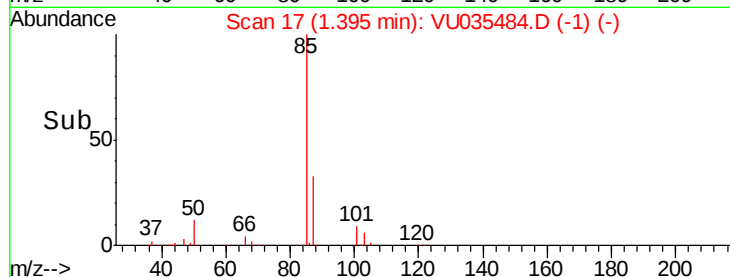
150000

100000

50000

0

Time-->



#3

Chloromethane

Concen: 4.538 ug/L

RT: 1.54 min Scan# 61

Delta R.T. 0.00 min

Lab File: VU035484.D

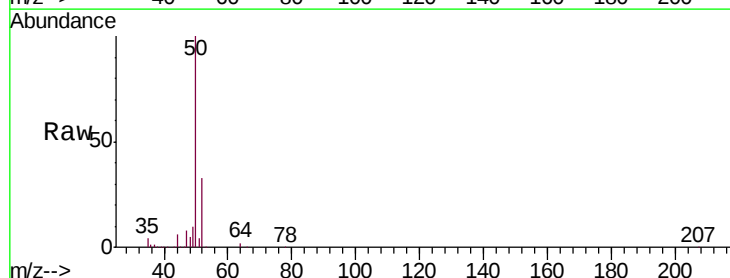
Acq: 25 Oct 2019 13:22

Tgt Ion: 50 Resp: 152869

Ion Ratio Lower Upper

50 100

52 33.0 22.7 42.3



Abundance Ion 50.05 (49.75 to 50.75): VU035481.D (-51) (-)

Ion 52.05 (51.75 to 52.75): VU035481.D (-51) (-)

1.54

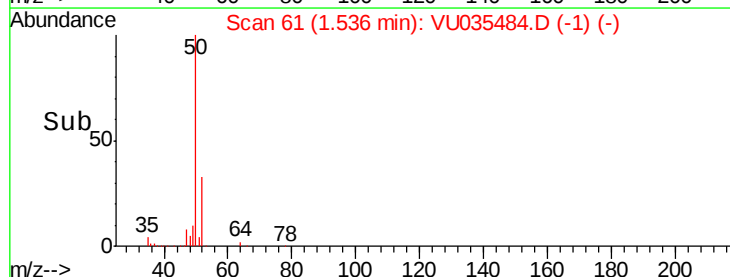
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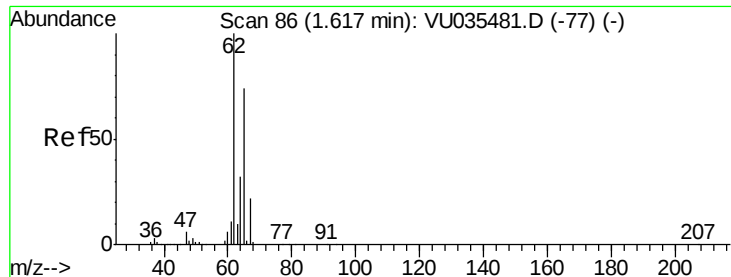
100000

50000

0

Time-->





#5

Vinyl chloride

Concen: 5.052 ug/L

RT: 1.62 min Scan# 87

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

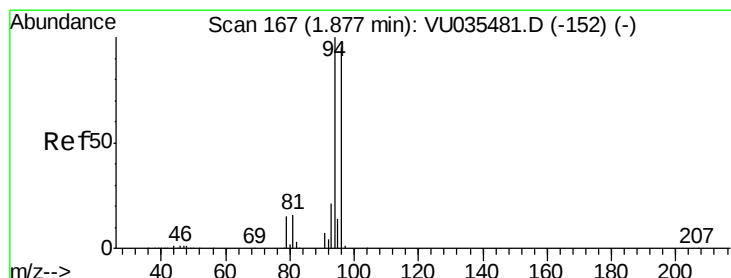
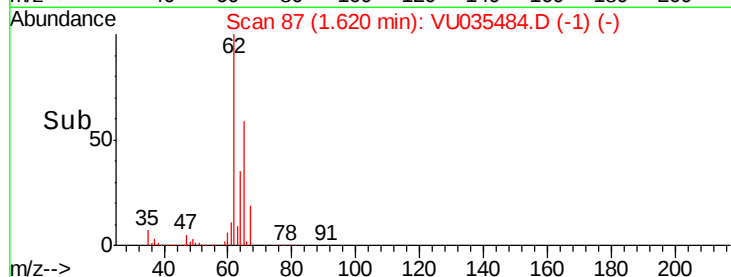
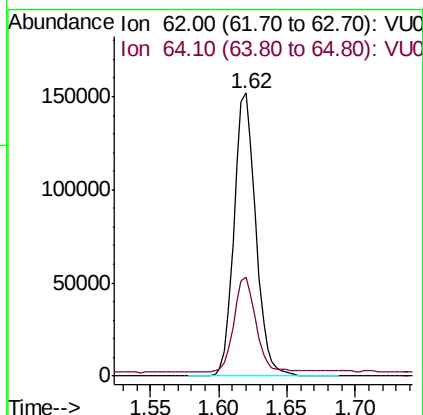
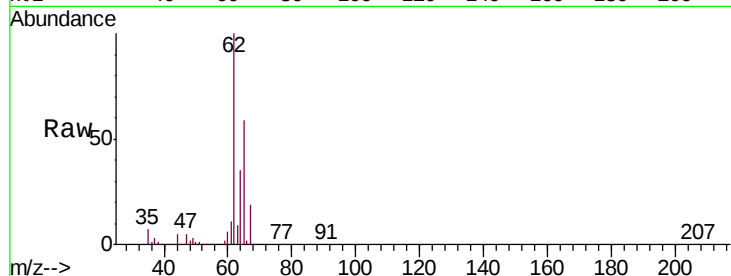
VICV06

Tgt Ion: 62 Resp: 168568

Ion Ratio Lower Upper

62 100

64 34.8 22.5 41.9



#6

Bromomethane

Concen: 4.765 ug/L

RT: 1.87 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU035484.D

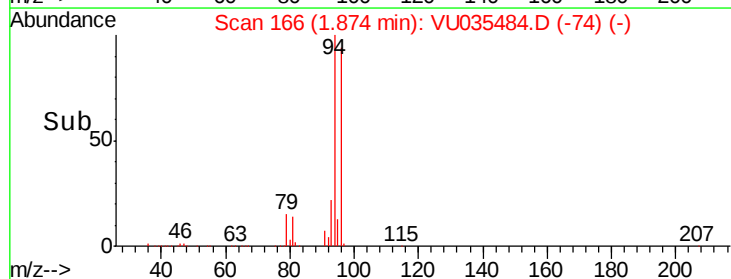
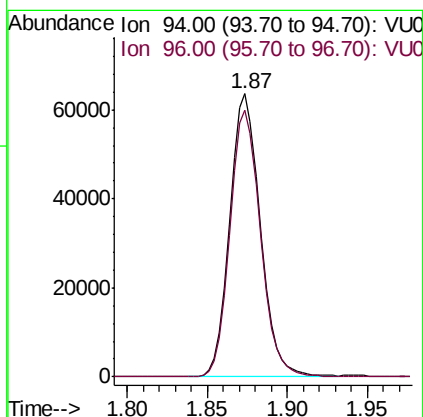
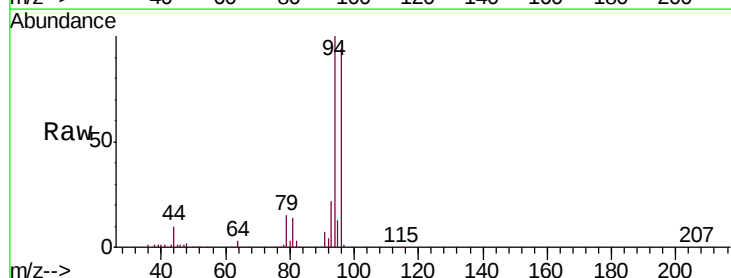
Acq: 25 Oct 2019 13:22

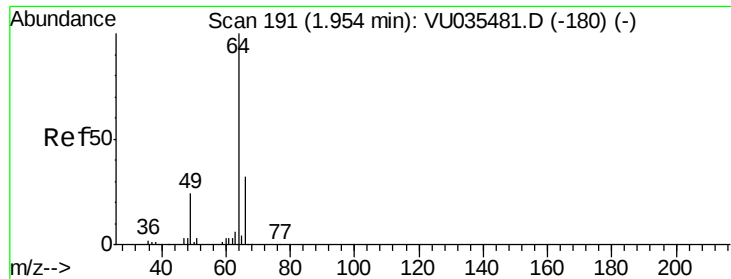
Tgt Ion: 94 Resp: 82720

Ion Ratio Lower Upper

94 100

96 94.4 66.3 123.1





#8

Chloroethane

Concen: 4.476 ug/L

RT: 1.95 min Scan# 190

Delta R.T. -0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

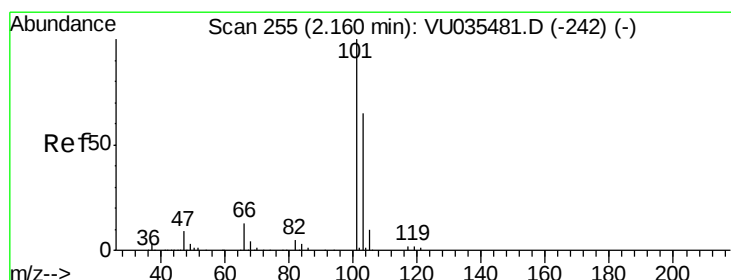
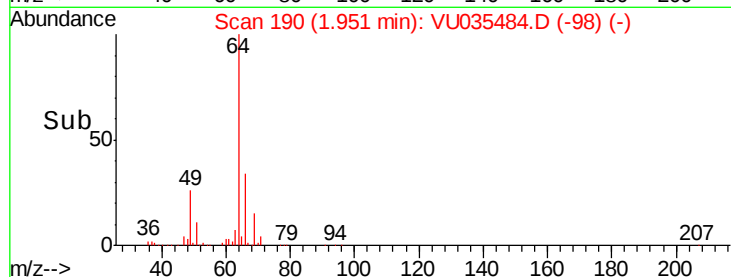
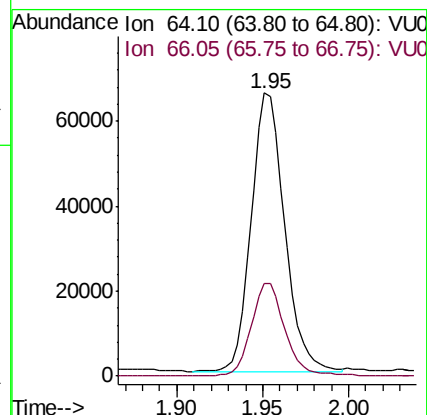
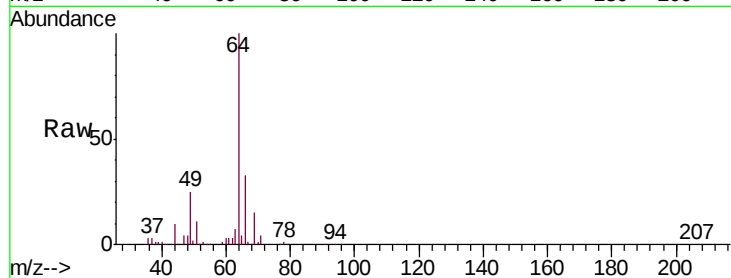
VICV06

Tgt Ion: 64 Resp: 88075

Ion Ratio Lower Upper

64 100

66 32.8 21.8 40.6



#9

Trichlorofluoromethane

Concen: 4.306 ug/L

RT: 2.16 min Scan# 255

Delta R.T. 0.00 min

Lab File: VU035484.D

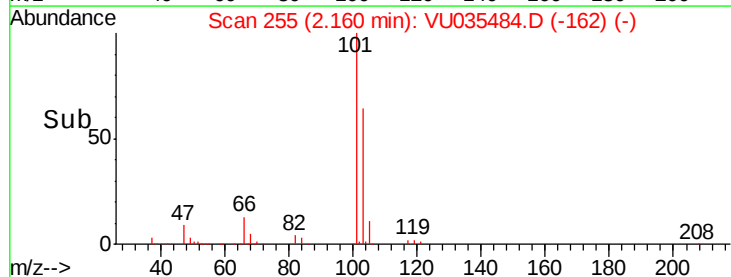
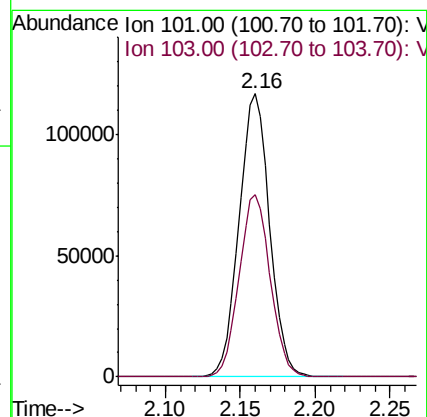
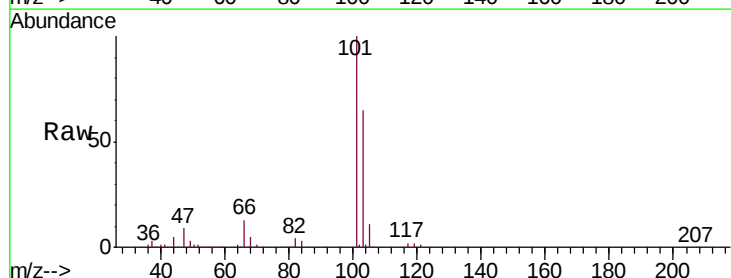
Acq: 25 Oct 2019 13:22

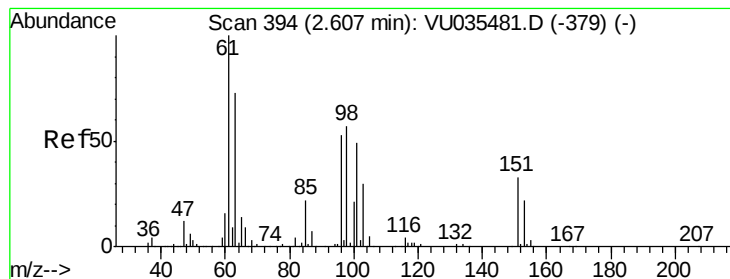
Tgt Ion: 101 Resp: 166468

Ion Ratio Lower Upper

101 100

103 65.6 51.2 76.8





#10

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

Concen: 4.607 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

VICV06

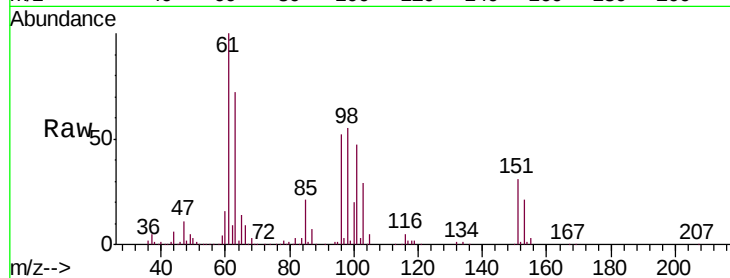
Tgt Ion: 101 Resp: 100330

Ion Ratio Lower Upper

101 100

85 44.4 34.7 52.1

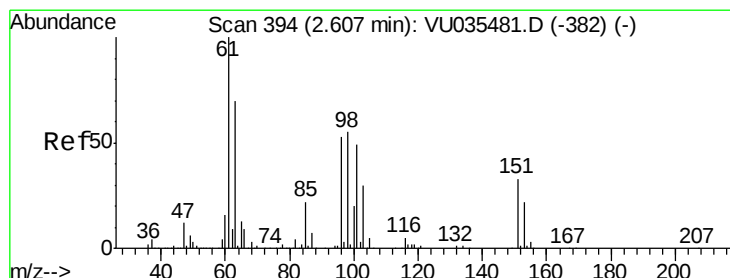
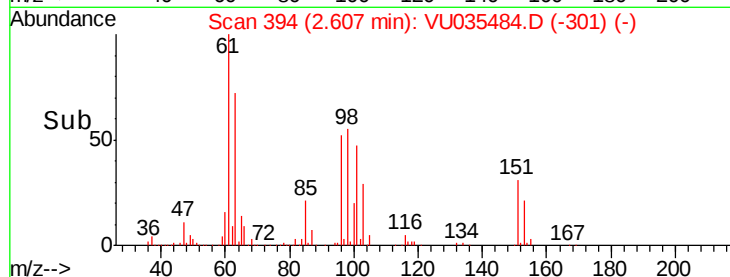
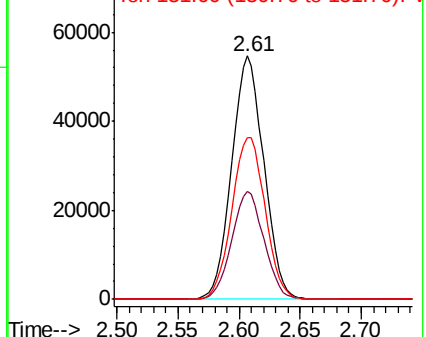
151 68.4 54.8 82.2



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: 4.863 ug/L

RT: 2.61 min Scan# 394

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

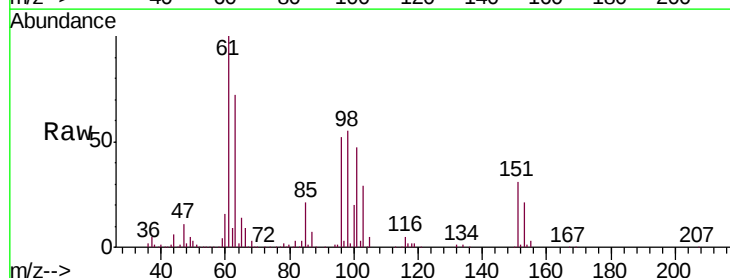
Tgt Ion: 96 Resp: 98749

Ion Ratio Lower Upper

96 100

61 192.8 131.9 244.9

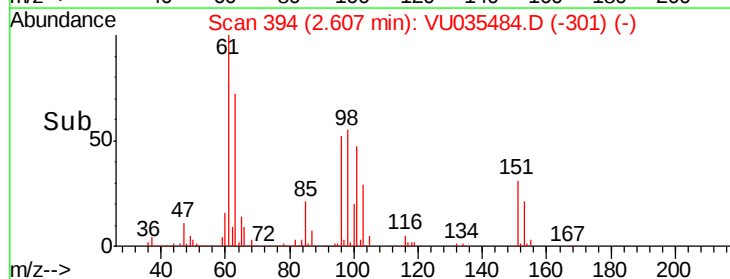
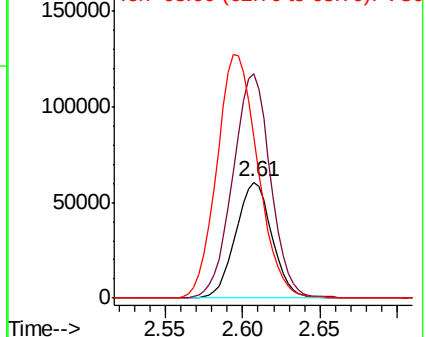
63 138.9 97.0 180.2

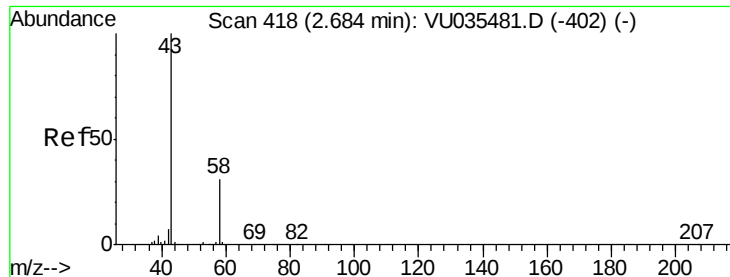


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 48.388 ug/L

RT: 2.67 min Scan# 415

Delta R.T. -0.01 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

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ClientSampleId :

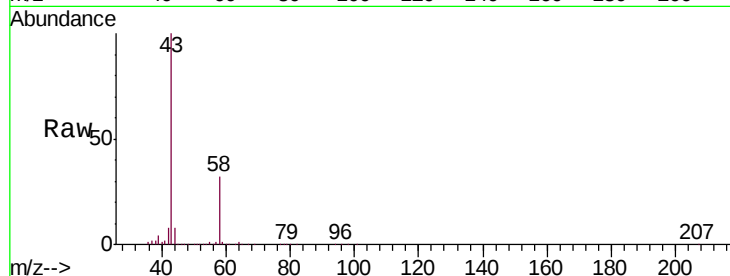
VICV06

Tgt Ion: 43 Resp: 206447

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.2



Abundance Ion 43.05 (42.75 to 43.75): VU035484.D (-402) (-)

Ion 58.05 (57.75 to 58.75): VU035484.D (-402) (-)

2.67

120000

100000

80000

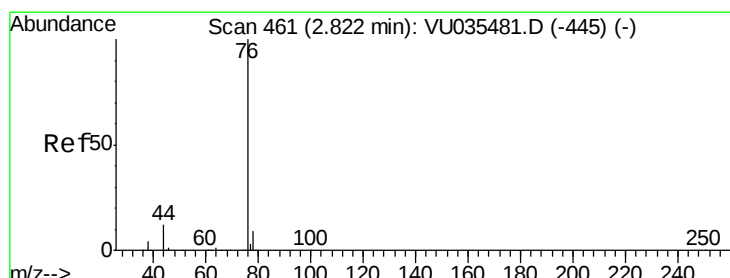
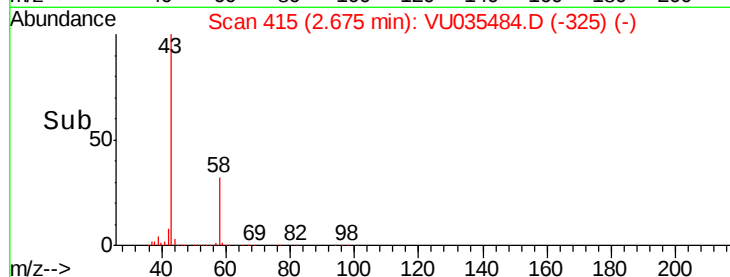
60000

40000

20000

0

Time-->



#14

Carbon disulfide

Concen: 4.888 ug/L

RT: 2.82 min Scan# 461

Delta R.T. 0.00 min

Lab File: VU035484.D

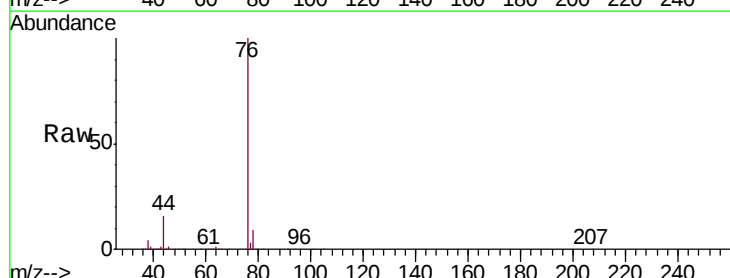
Acq: 25 Oct 2019 13:22

Tgt Ion: 76 Resp: 351248

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU035484.D (-445) (-)

Ion 78.00 (77.70 to 78.70): VU035484.D (-445) (-)

2.82

200000

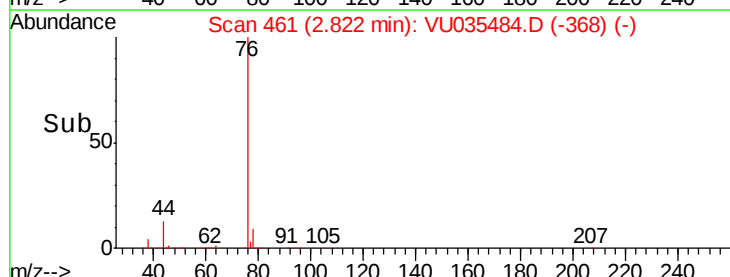
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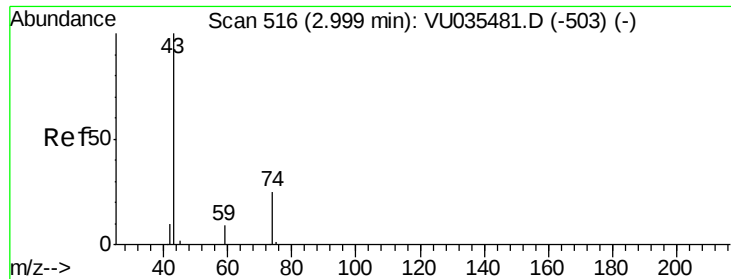
100000

50000

0

Time-->





#15

Methyl Acetate

Concen: 4.966 ug/L

RT: 3.00 min Scan# 516

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

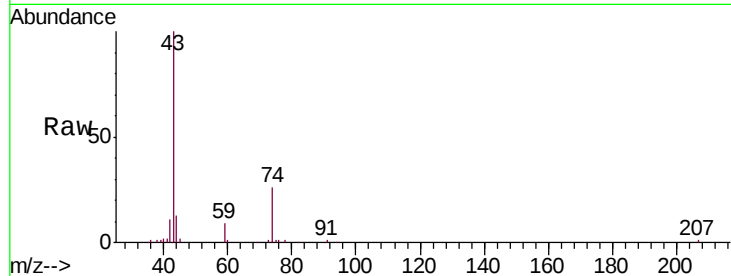
VICV06

Tgt Ion: 43 Resp: 48569

Ion Ratio Lower Upper

43 100

74 26.6 19.4 29.2



Abundance Ion 43.05 (42.75 to 43.75): VU035484.D (-503) (-)

Ion 74.05 (73.75 to 74.75): VU035484.D (-503) (-)

3.00

25000

20000

15000

10000

5000

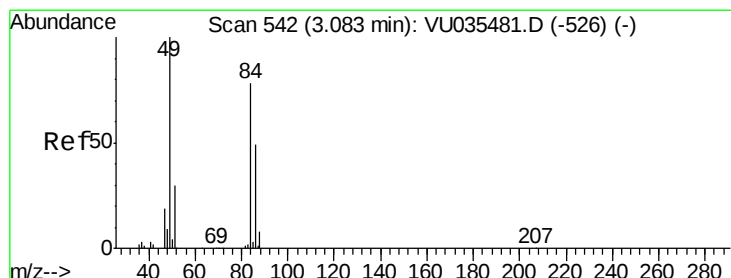
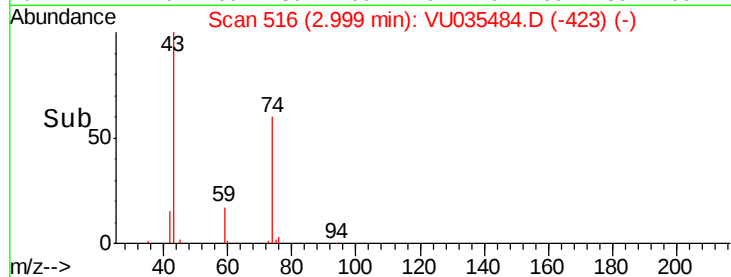
0

Time-->

2.95

3.00

3.05



#16

Methylene chloride

Concen: 4.536 ug/L

RT: 3.08 min Scan# 542

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

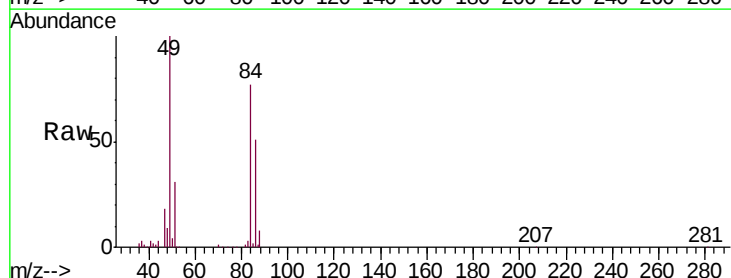
Tgt Ion: 84 Resp: 119332

Ion Ratio Lower Upper

84 100

86 65.8 43.7 81.1

49 129.1 89.5 166.3



Abundance Ion 84.05 (83.75 to 84.75): VU035484.D (-526) (-)

Ion 86.00 (85.70 to 86.70): VU035484.D (-526) (-)

Ion 49.10 (48.80 to 49.80): VU035484.D (-526) (-)

100000

80000

60000

40000

20000

0

Time-->

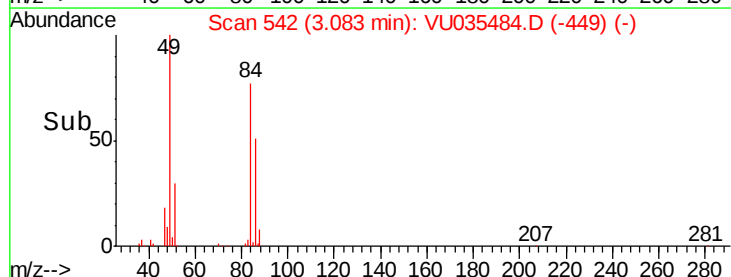
3.00

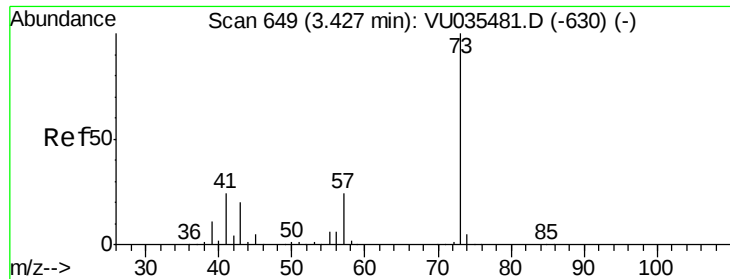
3.05

3.10

3.15

3.20

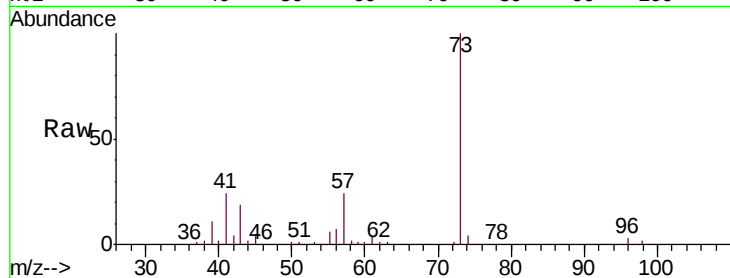




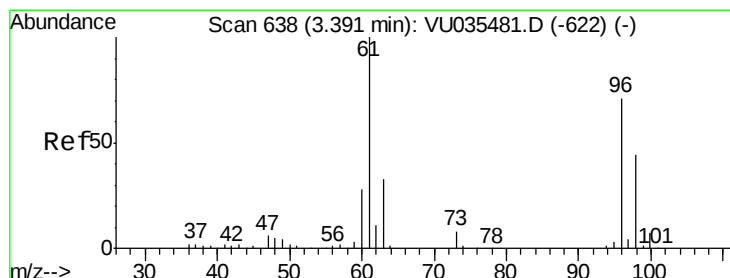
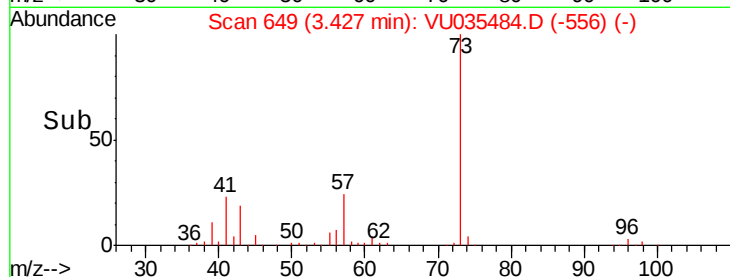
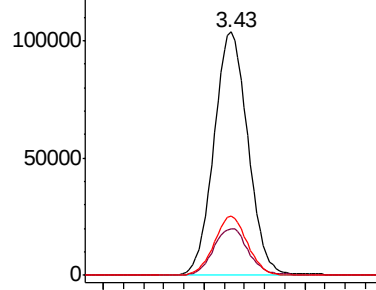
#17
Methyl tert-butyl Ether
Concen: 4.935 ug/L
RT: 3.43 min Scan# 649
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tgt Ion: 73 Resp: 242334
Ion Ratio Lower Upper
73 100
43 19.3 15.8 23.8
57 23.7 19.0 28.6

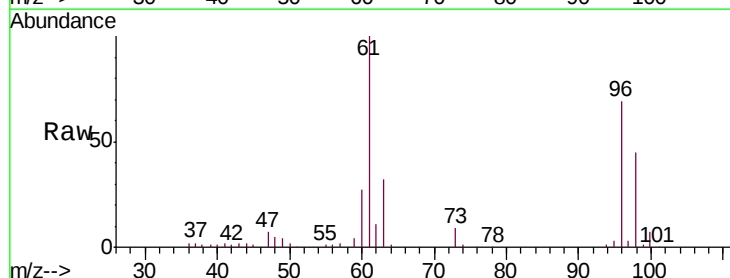


Abundance Ion 73.10 (72.80 to 73.80): VU0
Ion 43.05 (42.75 to 43.75): VU0
Ion 57.10 (56.80 to 57.80): VU0

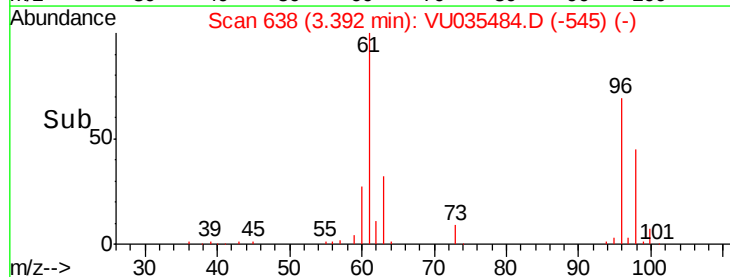
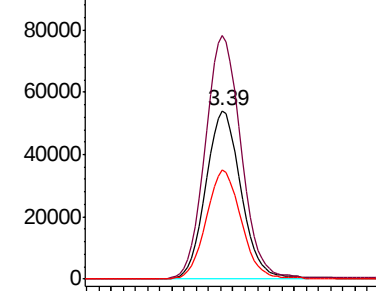


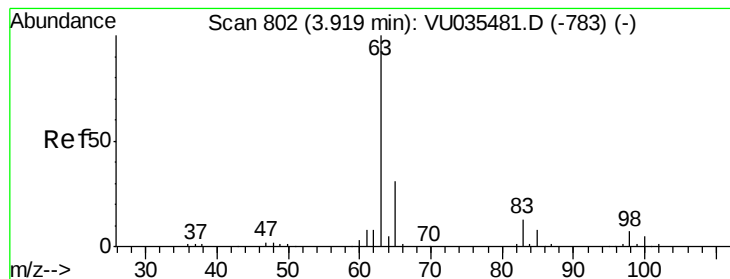
#18
trans-1,2-Dichloroethene
Concen: 4.904 ug/L
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Tgt Ion: 96 Resp: 108334
Ion Ratio Lower Upper
96 100
61 144.5 99.0 184.0
98 64.6 43.8 81.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.05 (60.75 to 61.75): VU0
Ion 97.95 (97.65 to 98.65): VU0





#19

1,1-Dichloroethane

Concen: 4.895 ug/L

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

VICV06

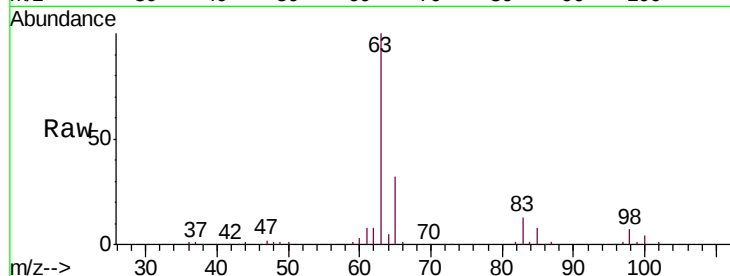
Tgt Ion: 63 Resp: 213369

Ion Ratio Lower Upper

63 100

65 32.3 22.0 41.0

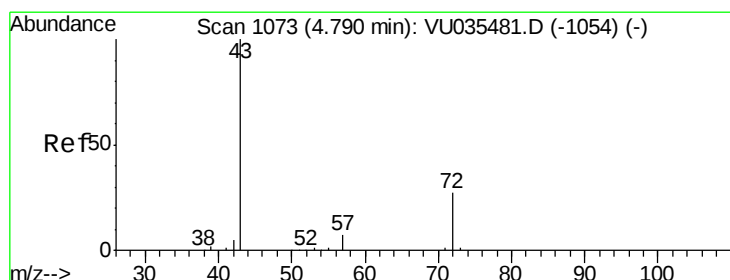
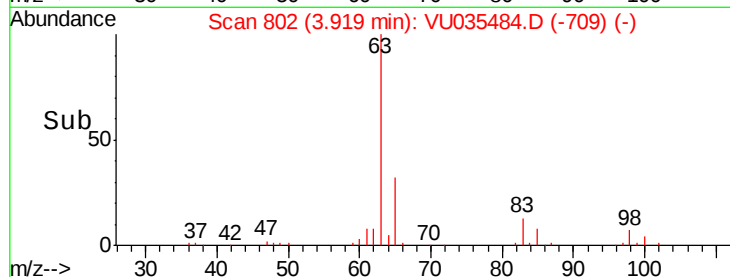
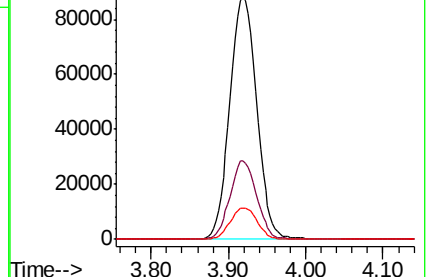
83 12.6 9.2 17.2



Abundance Ion 63.10 (62.80 to 63.80): VU035484.D (-783) (-)

Ion 65.10 (64.80 to 65.80): VU035484.D (-783) (-)

Ion 83.05 (82.75 to 83.75): VU035484.D (-783) (-)



#21

2-Butanone

Concen: 50.577 ug/L

RT: 4.78 min Scan# 1071

Delta R.T. -0.01 min

Lab File: VU035484.D

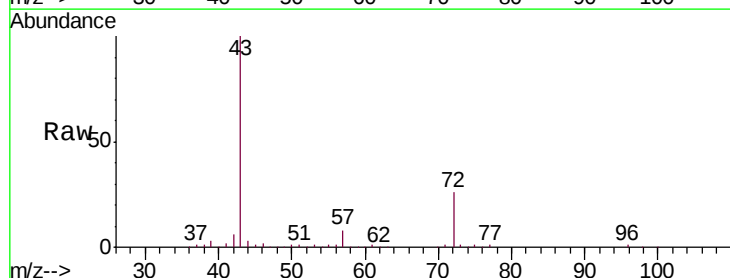
Acq: 25 Oct 2019 13:22

Tgt Ion: 43 Resp: 313083

Ion Ratio Lower Upper

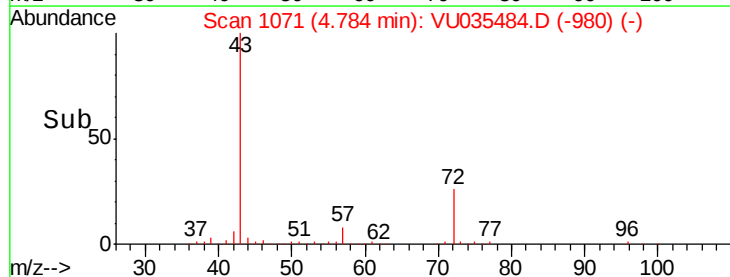
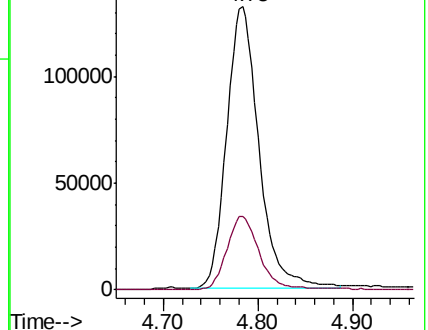
43 100

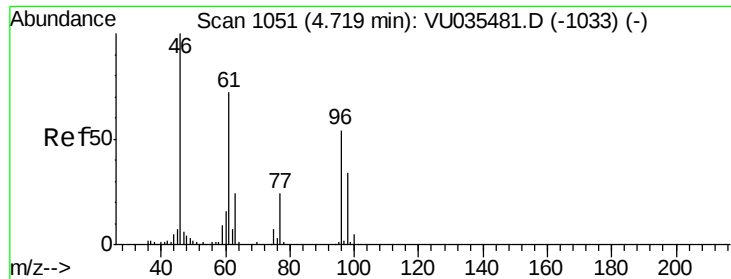
72 25.6 12.9 38.7



Abundance Ion 43.05 (42.75 to 43.75): VU035484.D (-980) (-)

Ion 72.10 (71.80 to 72.80): VU035484.D (-980) (-)

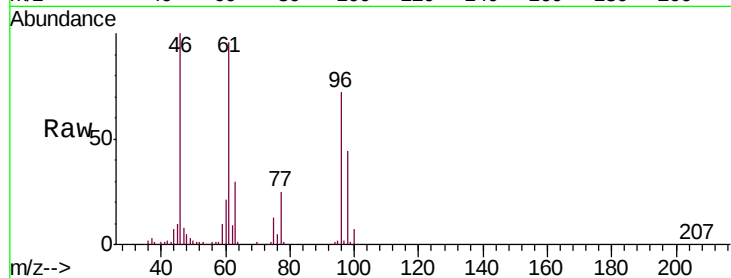




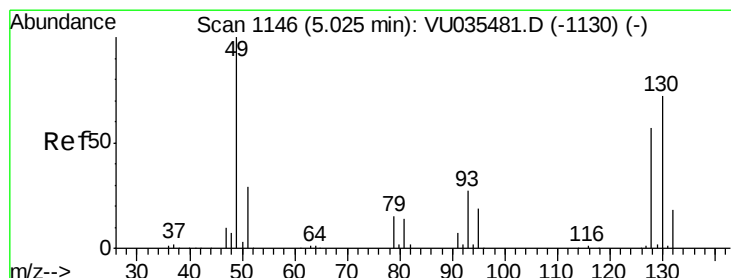
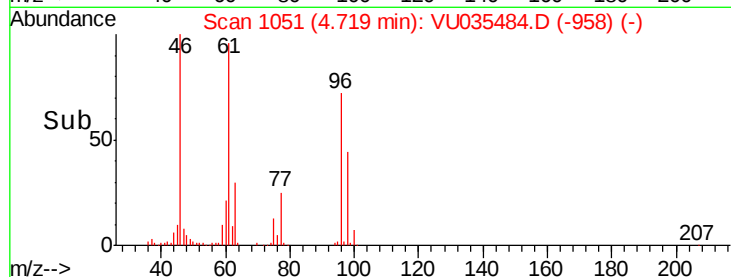
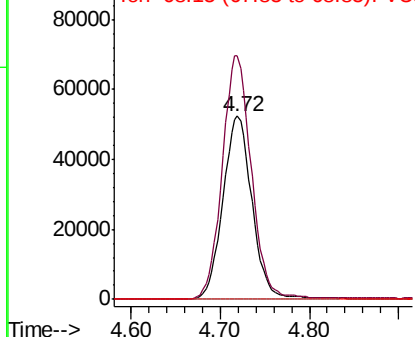
#22
 cis-1,2-Dichloroethene
 Concen: 5.038 ug/L
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tgt Ion: 96 Resp: 118733
 Ion Ratio Lower Upper
 96 100
 61 133.0 93.6 173.8
 68 0.0 0.0 0.0

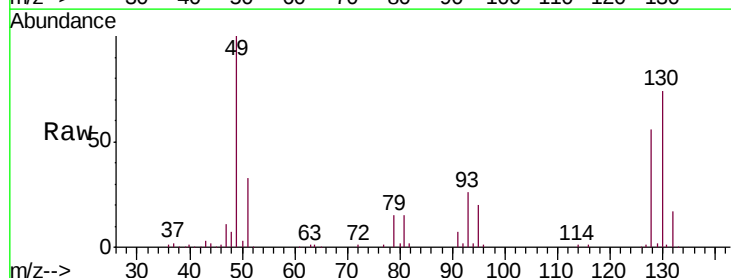


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

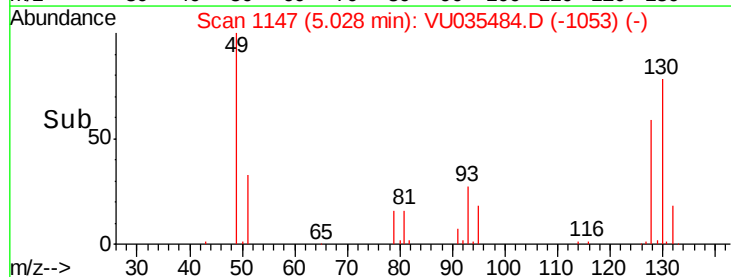
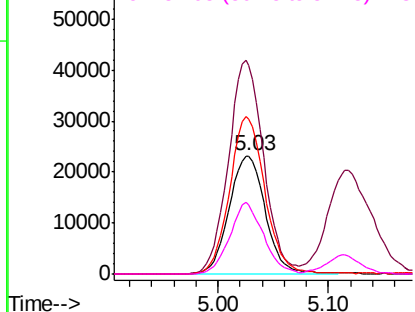


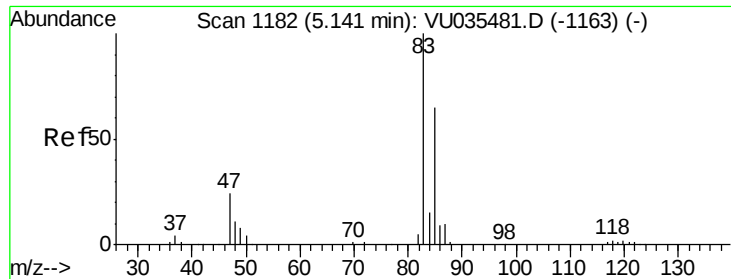
#23
 Bromochloromethane
 Concen: 4.829 ug/L
 RT: 5.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

Tgt Ion: 128 Resp: 52635
 Ion Ratio Lower Upper
 128 100
 49 177.3 122.2 226.9
 130 131.6 87.9 163.3
 51 58.2 41.0 61.6



Abundance Ion 127.90 (127.60 to 128.60): V
 Ion 49.10 (48.80 to 49.80): VU0
 Ion 129.95 (129.65 to 130.65): V
 Ion 51.05 (50.75 to 51.75): VU0

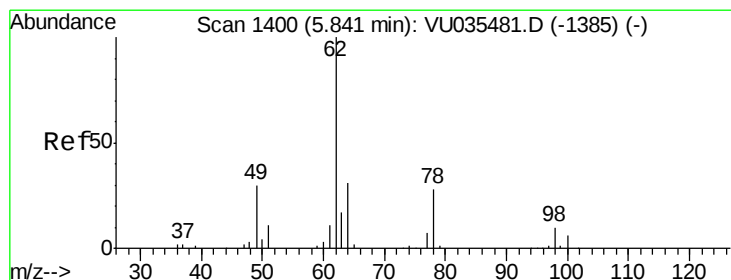
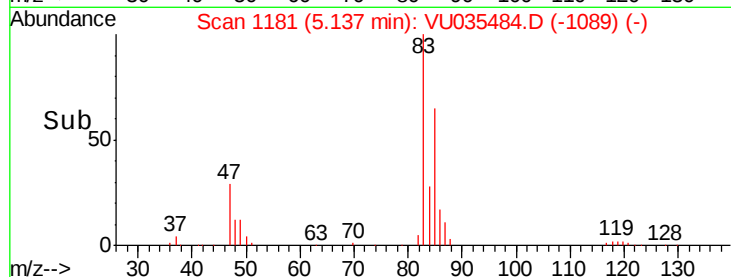
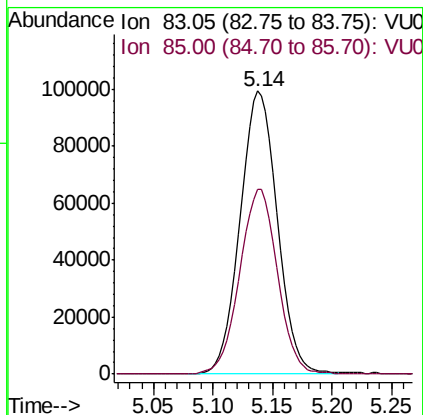
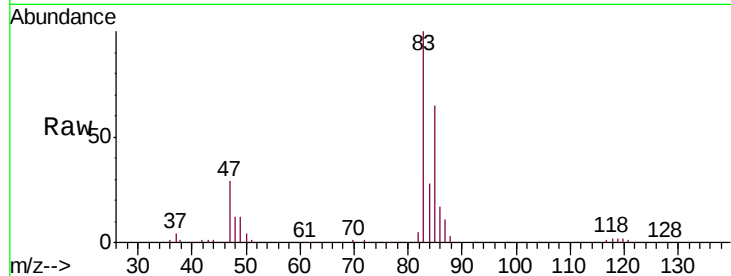




#25
Chloroform
Concen: 4.662 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

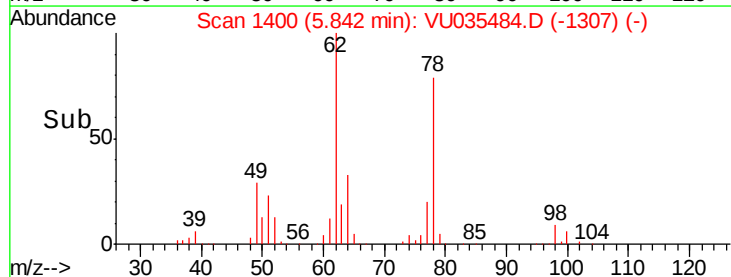
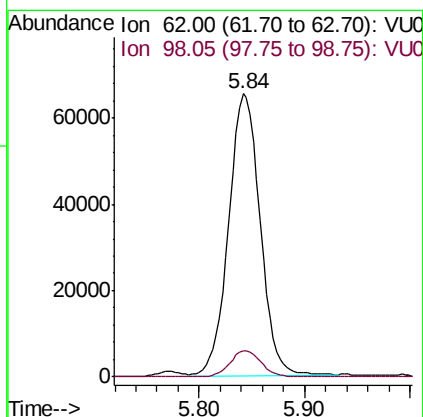
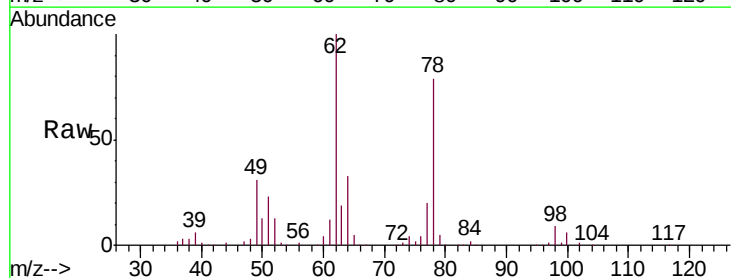
Instrument :
MSVOA_U
ClientSampled :
VICV06

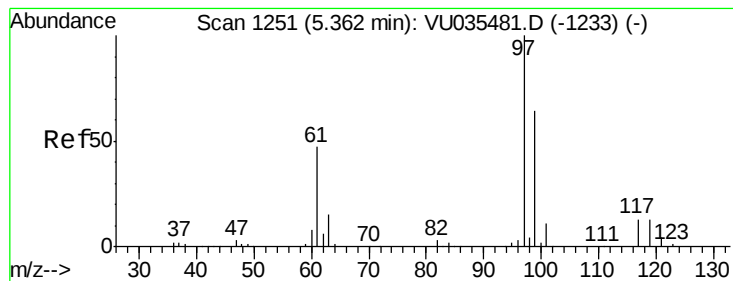
Tgt Ion: 83 Resp: 215549
Ion Ratio Lower Upper
83 100
85 65.3 45.7 84.9



#27
1,2-Dichloroethane
Concen: 4.962 ug/L
RT: 5.84 min Scan# 1400
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Tgt Ion: 62 Resp: 135395
Ion Ratio Lower Upper
62 100
98 9.4 7.6 11.4





#29

1,1,1-Trichloroethane

Concen: 4.953 ug/L

RT: 5.36 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

VICV06

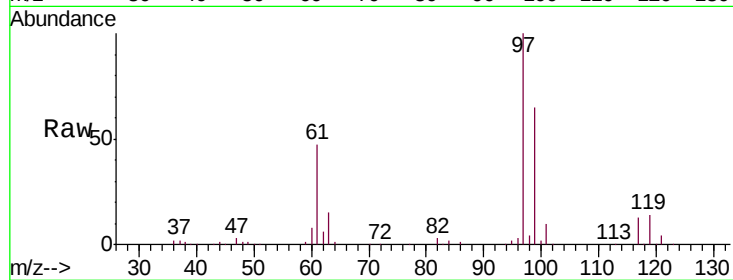
Tgt Ion: 97 Resp: 173968

Ion Ratio Lower Upper

97 100

99 65.6 51.1 76.7

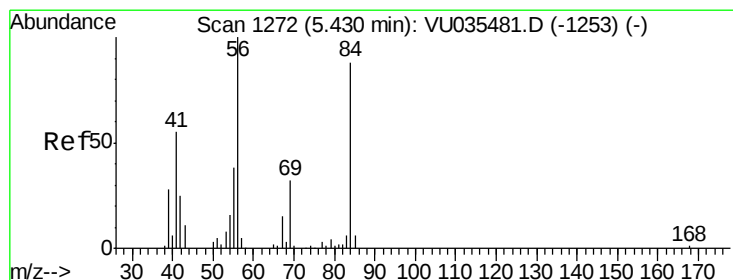
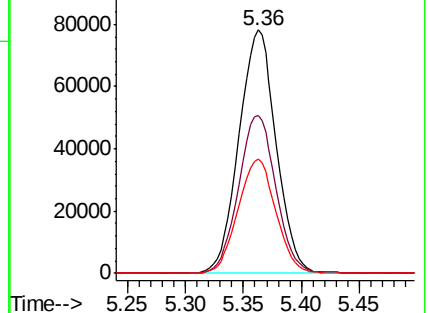
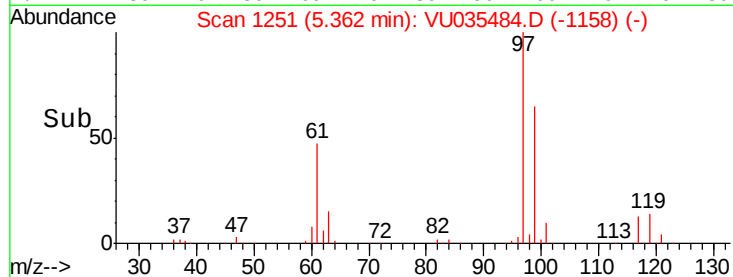
61 47.6 37.9 56.9



Abundance Ion 96.95 (96.65 to 97.65): VU035484.D (-1158) (-)

Ion 99.05 (98.75 to 99.75): VU035484.D (-1158) (-)

Ion 61.05 (60.75 to 61.75): VU035484.D (-1158) (-)



#30

Cyclohexane

Concen: 5.054 ug/L

RT: 5.43 min Scan# 1272

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

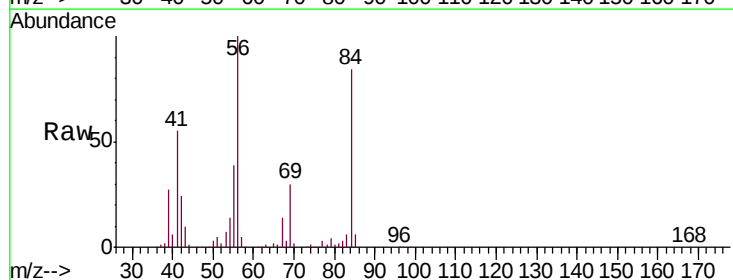
Tgt Ion: 56 Resp: 181345

Ion Ratio Lower Upper

56 100

69 30.5 23.9 35.9

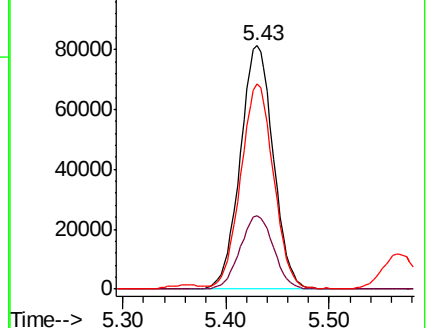
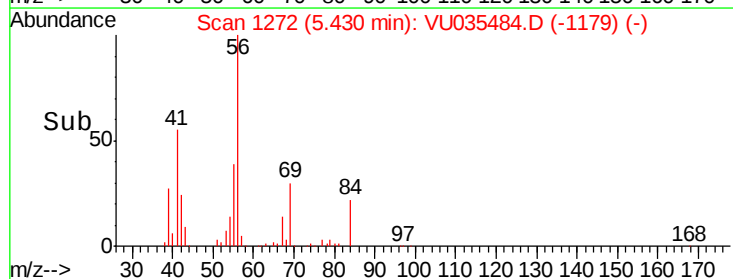
84 83.0 69.4 104.2

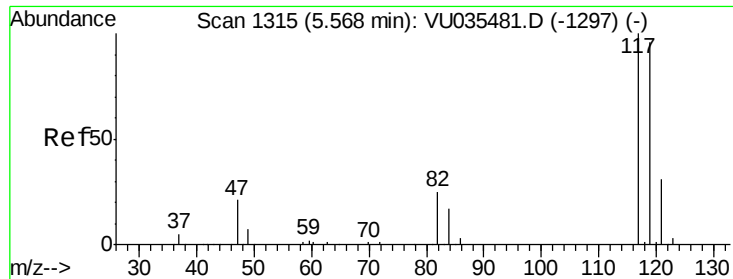


Abundance Ion 56.10 (55.80 to 56.80): VU035484.D (-1179) (-)

Ion 69.15 (68.85 to 69.85): VU035484.D (-1179) (-)

Ion 84.15 (83.85 to 84.85): VU035484.D (-1179) (-)

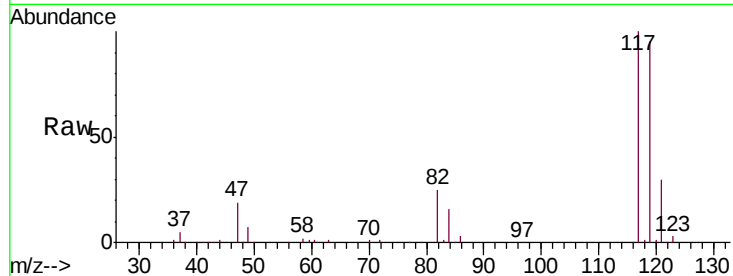




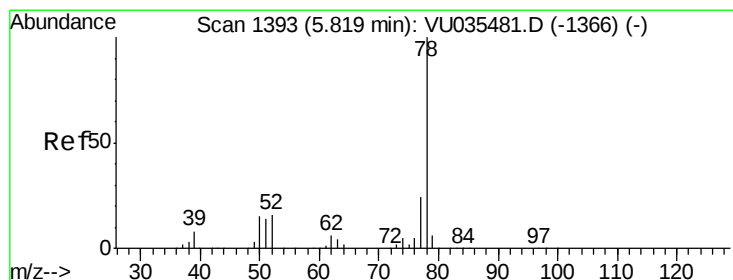
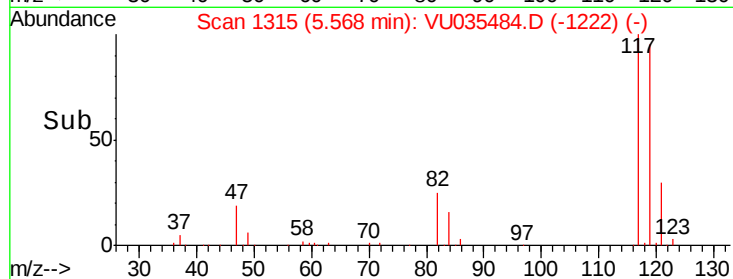
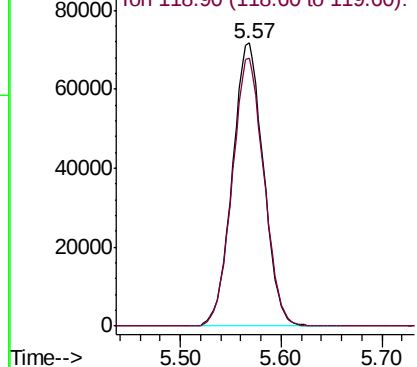
#31
Carbon tetrachloride
Concen: 4.900 ug/L
RT: 5.57 min Scan# 1315
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tgt Ion:117 Resp: 153554
Ion Ratio Lower Upper
117 100
119 96.2 76.3 114.5

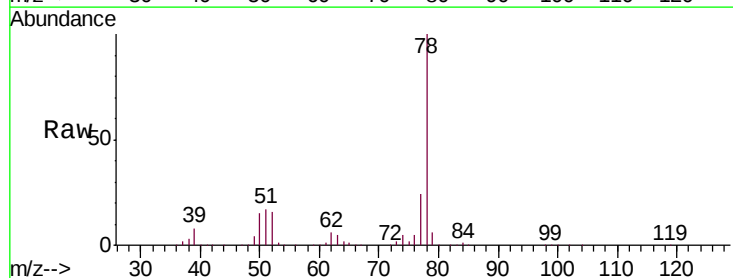


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 118.90 (118.60 to 119.60): V

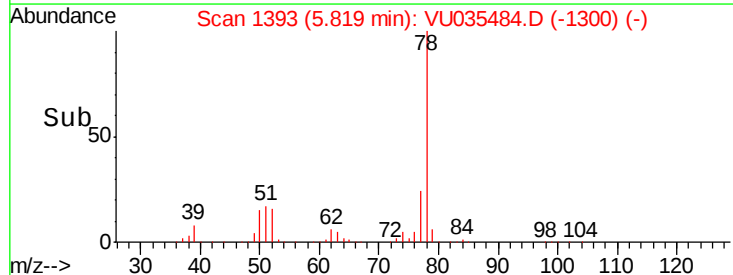
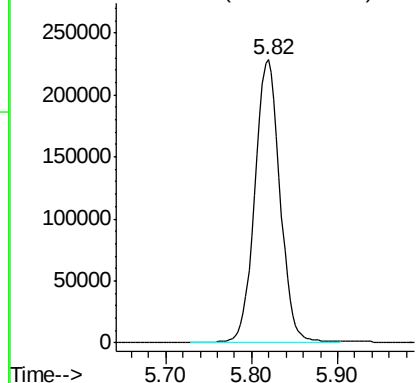


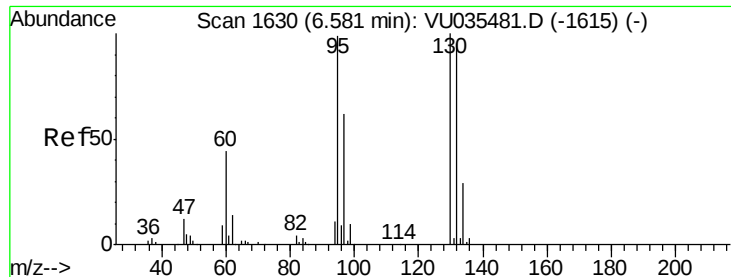
#33
Benzene
Concen: 5.027 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Tgt Ion: 78 Resp: 468031



Abundance Ion 78.10 (77.80 to 78.80): VU0





#34

Trichloroethene

Concen: 4.968 ug/L

RT: 6.58 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

VICV06

Tgt Ion: 95 Resp: 113617

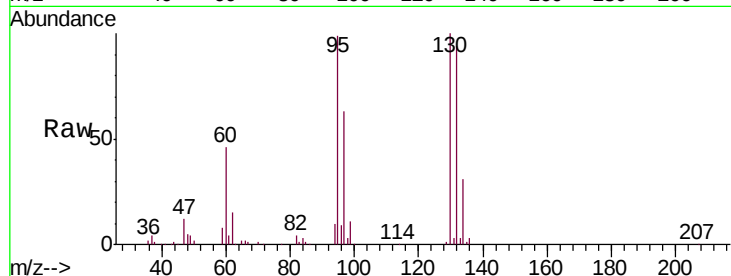
Ion Ratio Lower Upper

95 100

97 63.8 43.8 81.4

132 95.3 67.3 124.9

130 101.4 70.6 131.2

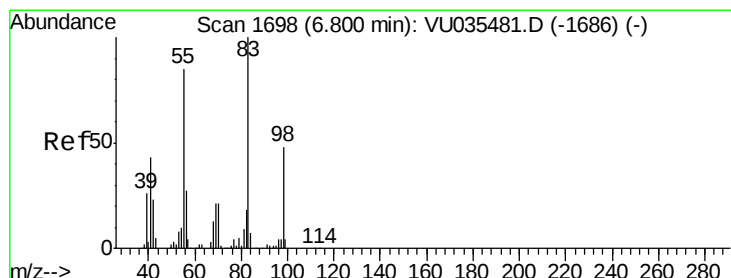
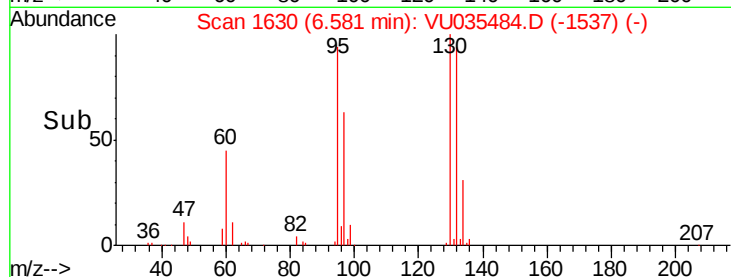
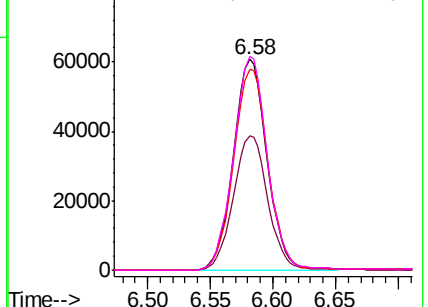


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 5.011 ug/L

RT: 6.80 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

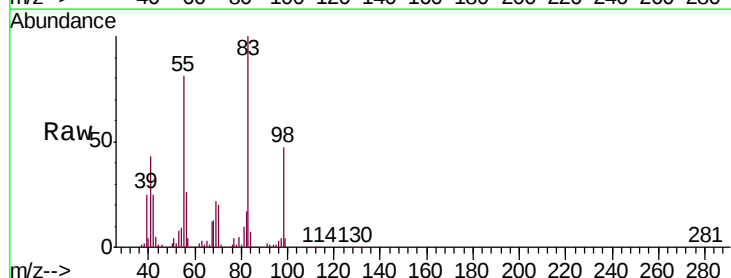
Tgt Ion: 83 Resp: 177361

Ion Ratio Lower Upper

83 100

55 82.6 67.3 100.9

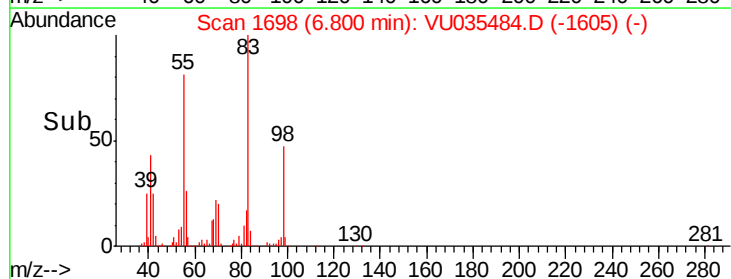
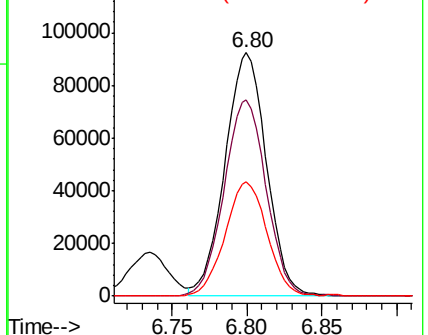
98 47.3 39.0 58.6

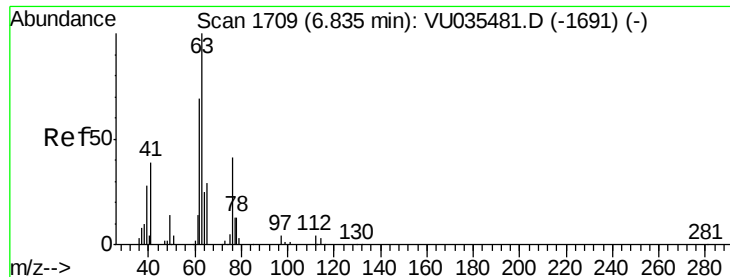


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 5.006 ug/L

RT: 6.84 min Scan# 1709

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

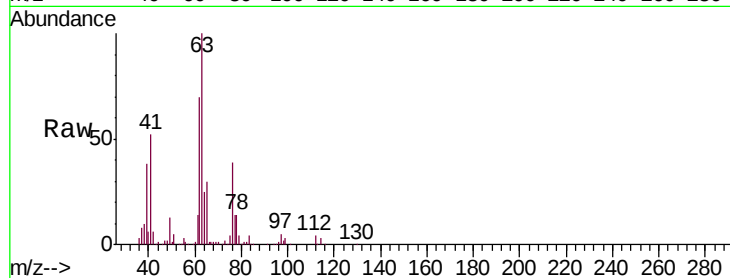
VICV06

Tgt Ion: 63 Resp: 123136

Ion Ratio Lower Upper

63 100

112 4.3 3.6 5.4



Abundance Ion 63.10 (62.80 to 63.80): VU035484.D (-1691) (-)

Ion 112.10 (111.80 to 112.80): VU035484.D (-1691) (-)

6.84

60000

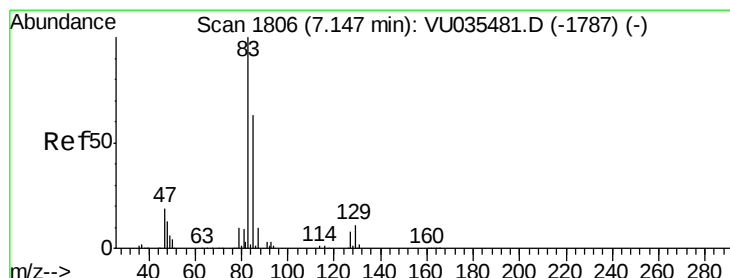
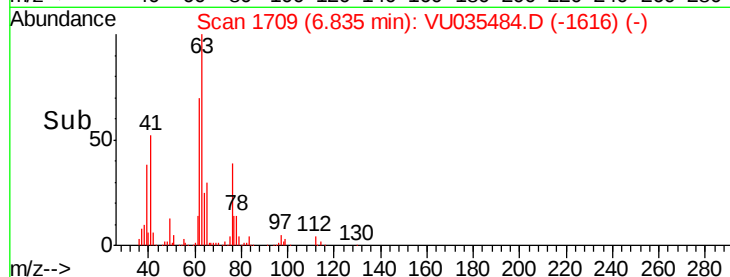
40000

20000

0

6.70 6.80 6.90

Time-->



#38

Bromodichloromethane

Concen: 4.915 ug/L

RT: 7.15 min Scan# 1806

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

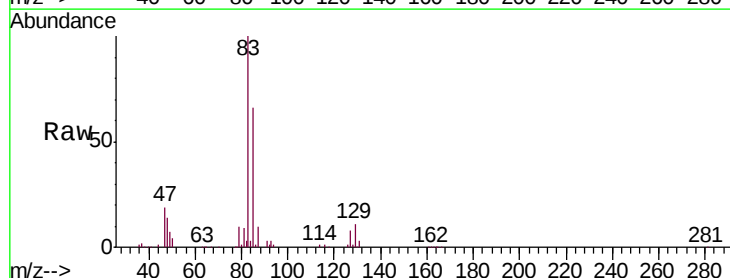
Tgt Ion: 83 Resp: 149966

Ion Ratio Lower Upper

83 100

85 65.5 44.2 82.2

127 8.0 6.6 9.8



Abundance Ion 82.95 (82.65 to 83.65): VU035484.D (-1787) (-)

Ion 85.00 (84.70 to 85.70): VU035484.D (-1787) (-)

Ion 126.90 (126.60 to 127.60): VU035484.D (-1787) (-)

7.15

100000

80000

60000

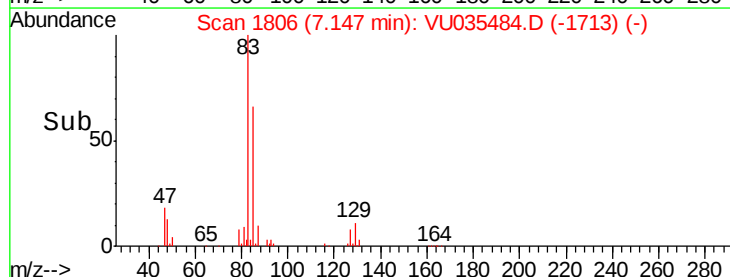
40000

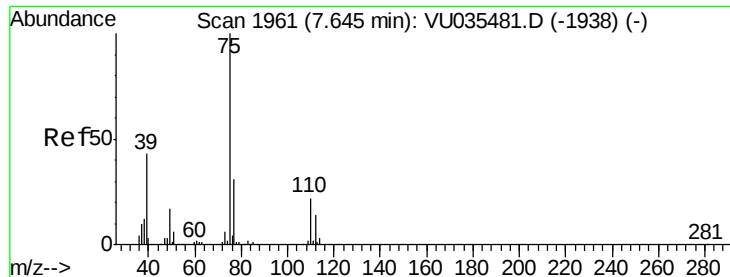
20000

0

7.05 7.10 7.15 7.20 7.25

Time-->

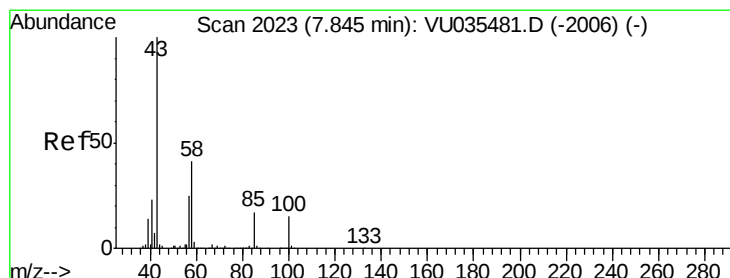
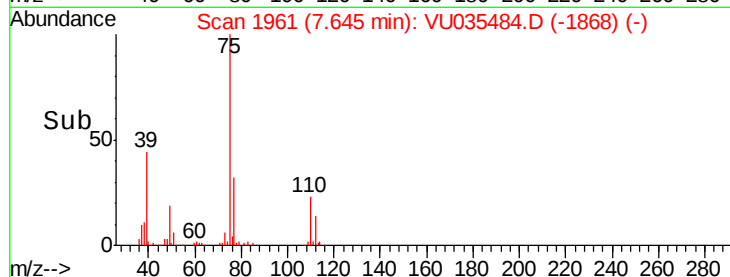
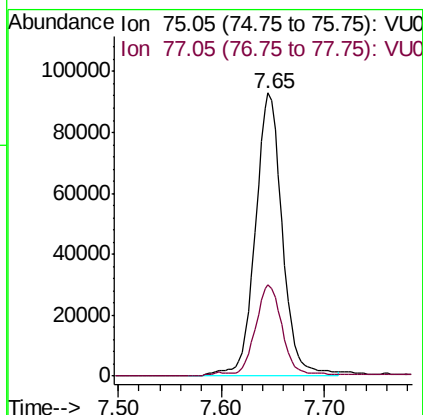
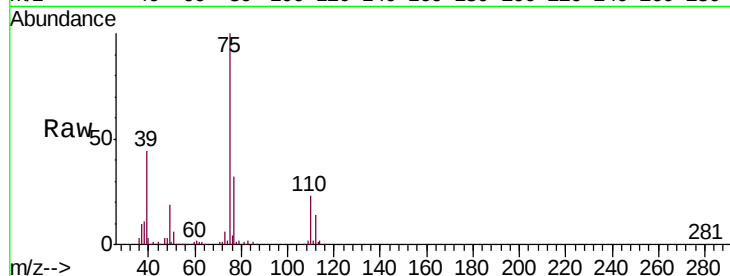




#39
 cis-1,3-Dichloropropene
 Concen: 4.936 ug/L
 RT: 7.65 min Scan# 1961
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

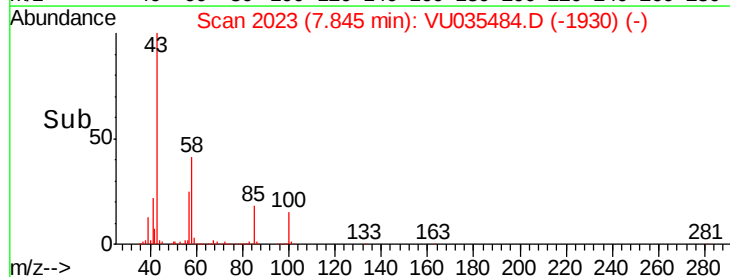
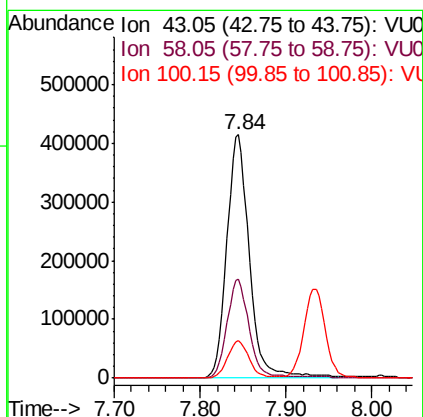
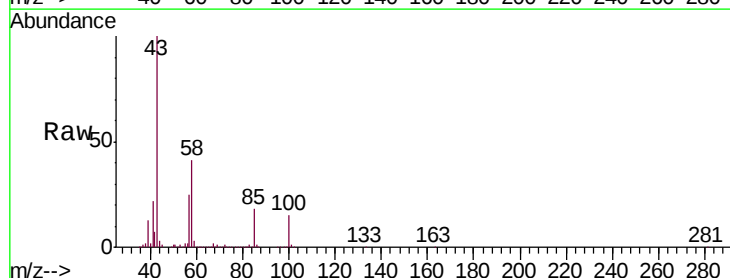
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

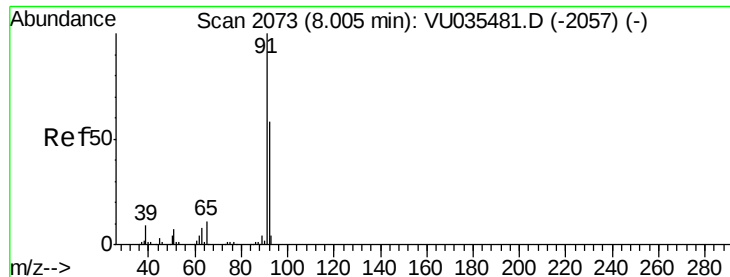
Tgt Ion: 75 Resp: 168976
 Ion Ratio Lower Upper
 75 100
 77 32.4 22.0 40.8



#40
 4-Methyl-2-pentanone
 Concen: 52.023 ug/L
 RT: 7.84 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

Tgt Ion: 43 Resp: 757614
 Ion Ratio Lower Upper
 43 100
 58 39.5 31.6 47.4
 100 14.8 11.8 17.8





#42

Toluene

Concen: 5.119 ug/L

RT: 8.01 min Scan# 2073

Delta R.T. 0.00 min

Lab File: VU035484.D

Acq: 25 Oct 2019 13:22

Instrument :

MSVOA_U

ClientSampleId :

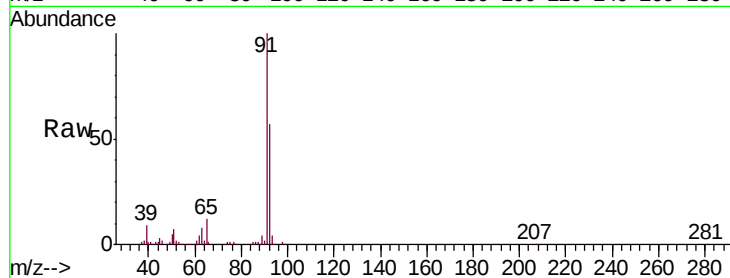
VICV06

Tgt Ion: 91 Resp: 486397

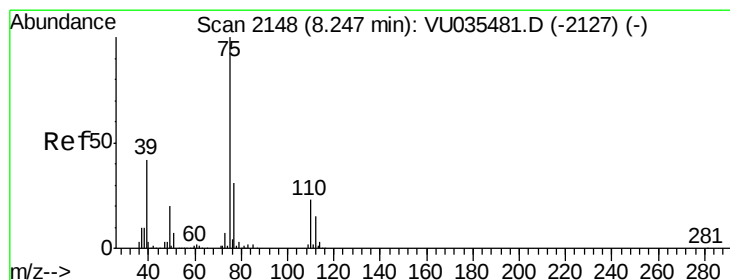
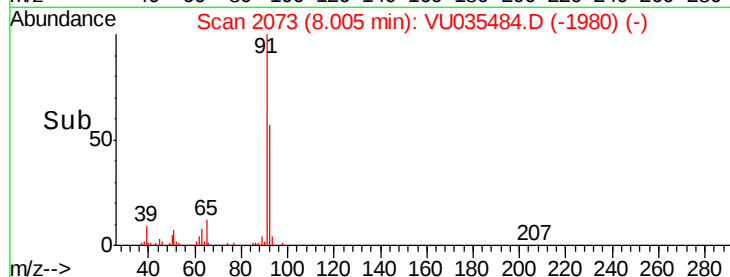
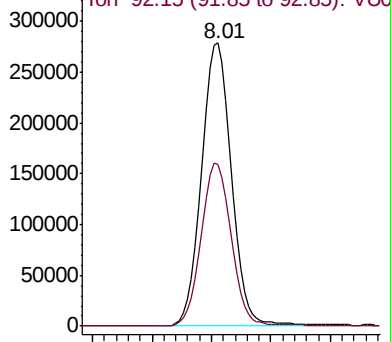
Ion Ratio Lower Upper

91 100

92 57.2 40.9 75.9



Abundance Ion 91.15 (90.85 to 91.85): VU035484.D (-2057) (-)



#44

trans-1,3-Dichloropropene

Concen: 5.341 ug/L

RT: 8.25 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VU035484.D

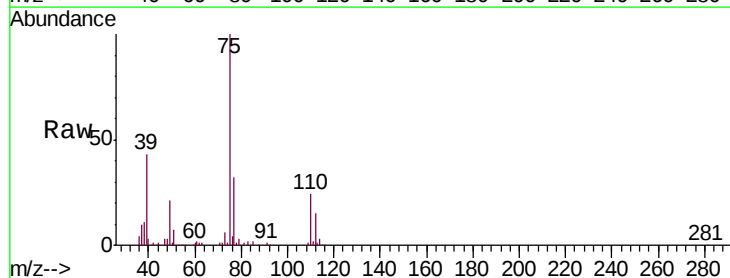
Acq: 25 Oct 2019 13:22

Tgt Ion: 75 Resp: 144643

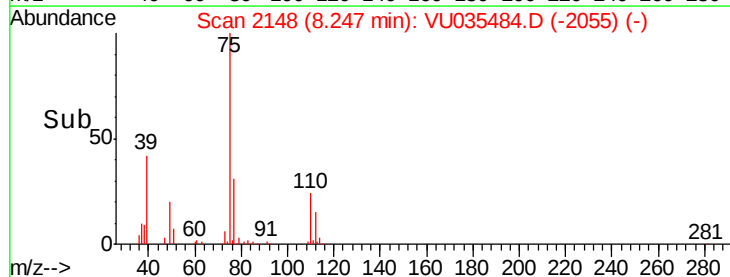
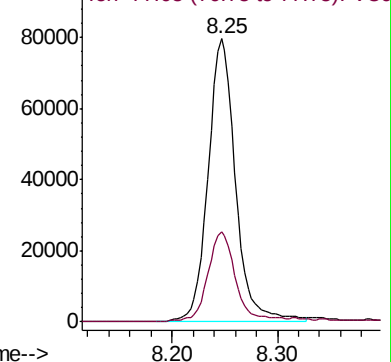
Ion Ratio Lower Upper

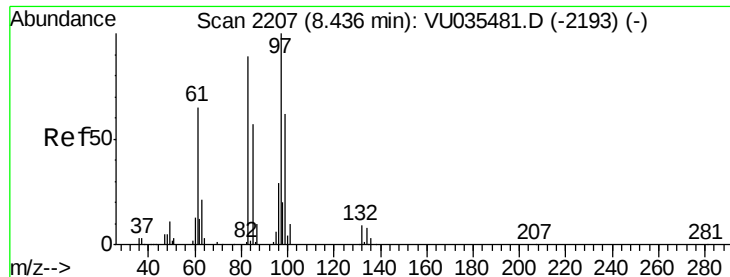
75 100

77 32.0 22.0 40.8



Abundance Ion 75.05 (74.75 to 75.75): VU035484.D (-2127) (-)

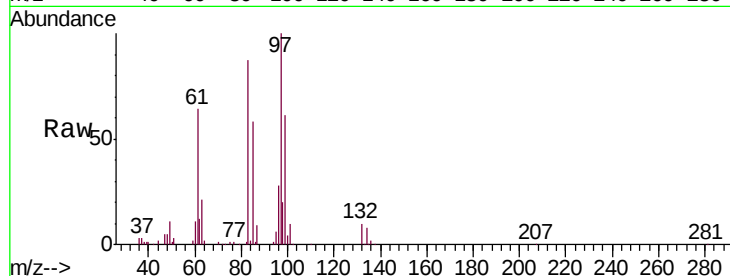




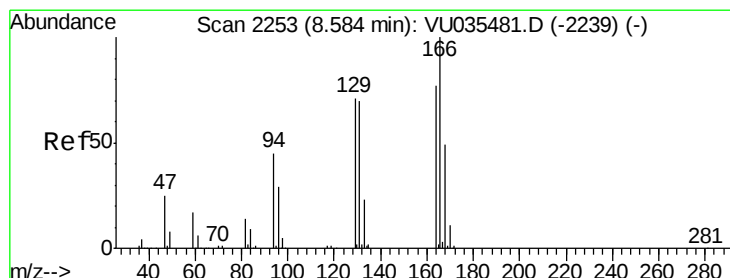
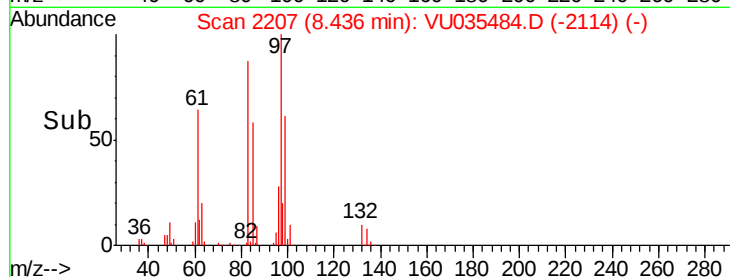
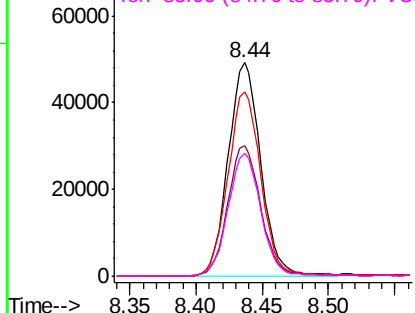
#45
 1,1,2-Trichloroethane
 Concen: 4.946 ug/L
 RT: 8.44 min Scan# 2207
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV06

Tgt Ion:	97	Resp:	84479
Ion	Ratio	Lower	Upper
97	100		
99	60.8	43.6	81.0
83	86.5	62.3	115.7
85	57.5	40.0	74.4

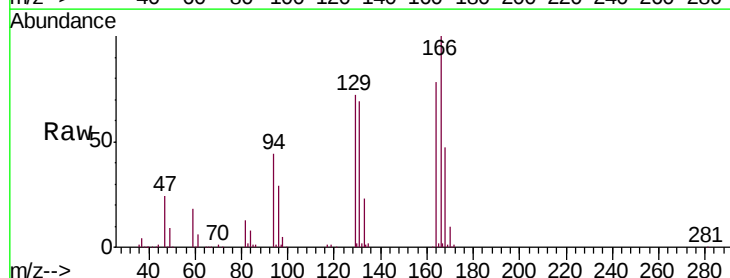


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

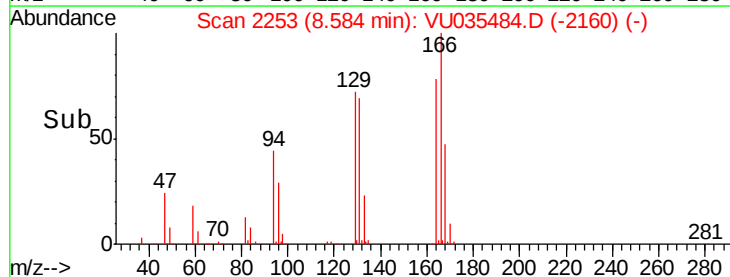
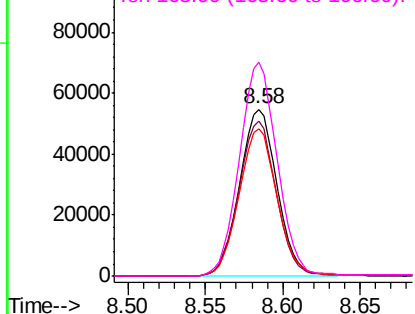


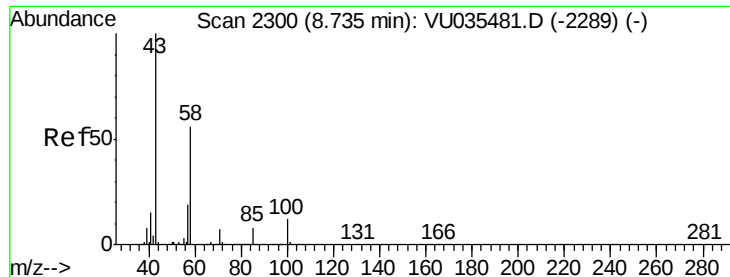
#47
 Tetrachloroethene
 Concen: 4.922 ug/L
 RT: 8.58 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VU035484.D
 Acq: 25 Oct 2019 13:22

Tgt Ion:	164	Resp:	92430
Ion	Ratio	Lower	Upper
164	100		
129	92.6	64.6	120.0
131	88.5	63.1	117.3
166	128.0	90.4	168.0



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

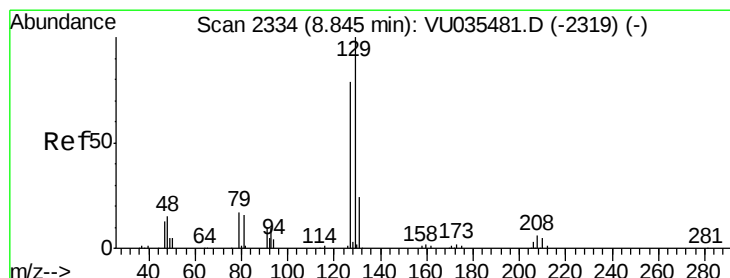
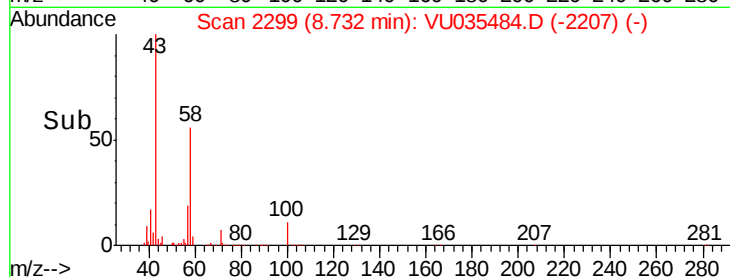
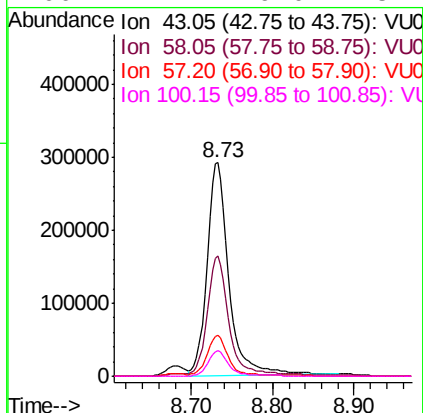
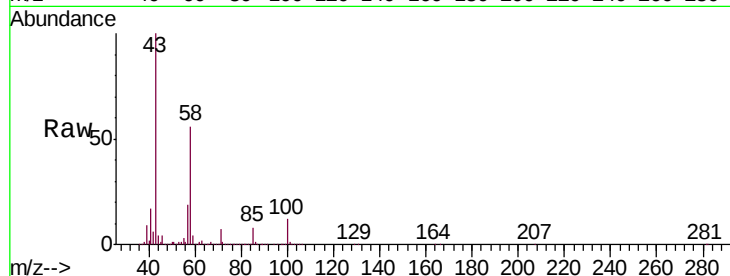




#48
2-Hexanone
Concen: 55.742 ug/L
RT: 8.73 min Scan# 2299
Delta R.T. -0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Instrument :
MSVOA_U
ClientSampleId :
VICV06

Tgt Ion: 43 Resp: 545939
Ion Ratio Lower Upper
43 100
58 55.2 43.1 64.7
57 18.7 14.2 21.2
100 11.7 9.0 13.4



#49
Dibromochloromethane
Concen: 5.043 ug/L
RT: 8.84 min Scan# 2334
Delta R.T. 0.00 min
Lab File: VU035484.D
Acq: 25 Oct 2019 13:22

Tgt Ion: 129 Resp: 100806
Ion Ratio Lower Upper
129 100
127 80.0 55.6 103.4

