

Data File : VU033950.D
Acq On : 26 Aug 2019 12:18
Operator : JC/SP
Sample : VSTD02004
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

Quant Time: Aug 27 01:25:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Aug 27 01:19:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	264703	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	277087	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	155439	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	481999	21.15	ug/L	0.00
7) Chloroethane-d5	1.66	69	391624	19.42	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	929362	20.57	ug/L	0.00
20) 2-Butanone-d5	4.16	46	1285568	271.00	ug/L	-0.01
24) Chloroform-d	4.62	84	816219	21.49	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	428133	20.76	ug/L	0.00
32) Benzene-d6	5.31	84	1652064	23.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	521961	22.48	ug/L	0.00
41) Toluene-d8	7.54	98	1497808	22.90	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	215974	24.73	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	1049301	318.90	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	448736	22.70	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	595686	21.98	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	641621	25.142 ug/L	99
3) Chloromethane	1.32	50	635747	25.538 ug/L	100
5) Vinyl chloride	1.39	62	668653	24.227 ug/L	100
6) Bromomethane	1.60	94	308050	18.195 ug/L	98
8) Chloroethane	1.68	64	382103	23.447 ug/L	98
9) Trichlorofluoromethane	1.87	101	755326	22.151 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	420938	21.369 ug/L	99
12) 1,1-Dichloroethene	2.27	96	404698	21.613 ug/L	99
13) Acetone	2.30	43	875658	239.870 ug/L	99
14) Carbon disulfide	2.46	76	1432480	22.104 ug/L	100
15) Methyl Acetate	2.60	43	242747	26.130 ug/L	98
16) Methylene chloride	2.68	84	449990	20.497 ug/L	99
17) Methyl tert-butyl Ether	2.98	73	1108318	23.208 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	437958	21.274 ug/L	99
19) 1,1-Dichloroethane	3.42	63	870764	27.214 ug/L	100
21) 2-Butanone	4.24	43	1448951	338.376 ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	490964	28.646 ug/L	97
23) Bromochloromethane	4.52	128	214009	25.977 ug/L	99
25) Chloroform	4.65	83	827521	23.382 ug/L	100
27) 1,2-Dichloroethane	5.38	62	553559	26.923 ug/L	100
29) 1,1,1-Trichloroethane	4.89	97	694915	25.664 ug/L	99
30) Cyclohexane	4.96	56	804661	33.505 ug/L	99
31) Carbon tetrachloride	5.11	117	621246	25.589 ug/L	100
33) Benzene	5.36	78	1851519	27.776 ug/L	100
34) Trichloroethene	6.16	95	465546	26.526 ug/L	97
35) Methylcyclohexane	6.39	83	815245	32.438 ug/L	96
37) 1,2-Dichloropropane	6.41	63	491779	27.833 ug/L	99
38) Bromodichloromethane	6.73	83	601183	26.684 ug/L	100
39) cis-1,3-Dichloropropene	7.25	75	752294	32.199 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	3444124	343.905 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	1956846	28.974	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	606909	30.948	ug/L	98
45) 1,1,2-Trichloroethane	8.05	97	339164	27.235	ug/L	99
47) Tetrachloroethene	8.21	164	370320	25.846	ug/L	99
48) 2-Hexanone	8.34	43	2480528	341.614	ug/L	99
49) Dibromochloromethane	8.46	129	403595	26.216	ug/L	97
50) 1,2-Dibromoethane	8.57	107	328702	27.497	ug/L	99
51) Chlorobenzene	9.10	112	1242573	27.888	ug/L	100
52) Ethylbenzene	9.23	91	2203820	32.170	ug/L	98
53) m,p-Xylene	9.35	106	829617	32.156	ug/L	98
54) o-Xylene	9.76	106	811598	32.763	ug/L	100
55) Styrene	9.77	104	1408120	32.665	ug/L	99
56) Isopropylbenzene	10.15	105	2162158	33.832	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	459437	28.883	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	334294	28.817	ug/L	99
61) Bromoform	9.94	173	242633	26.206	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1031562	27.604	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	1029147	26.727	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	973240	26.982	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	78649	30.297	ug/L	96
67) 1,3,5-Trichlorobenzene	12.87	180	831841	29.210	ug/L	99
68) 1,2,4-trichlorobenzene	13.48	180	703783	33.617	ug/L	100
69) Naphthalene	13.73	128	1277471	41.070	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	658988	32.959	ug/L	98

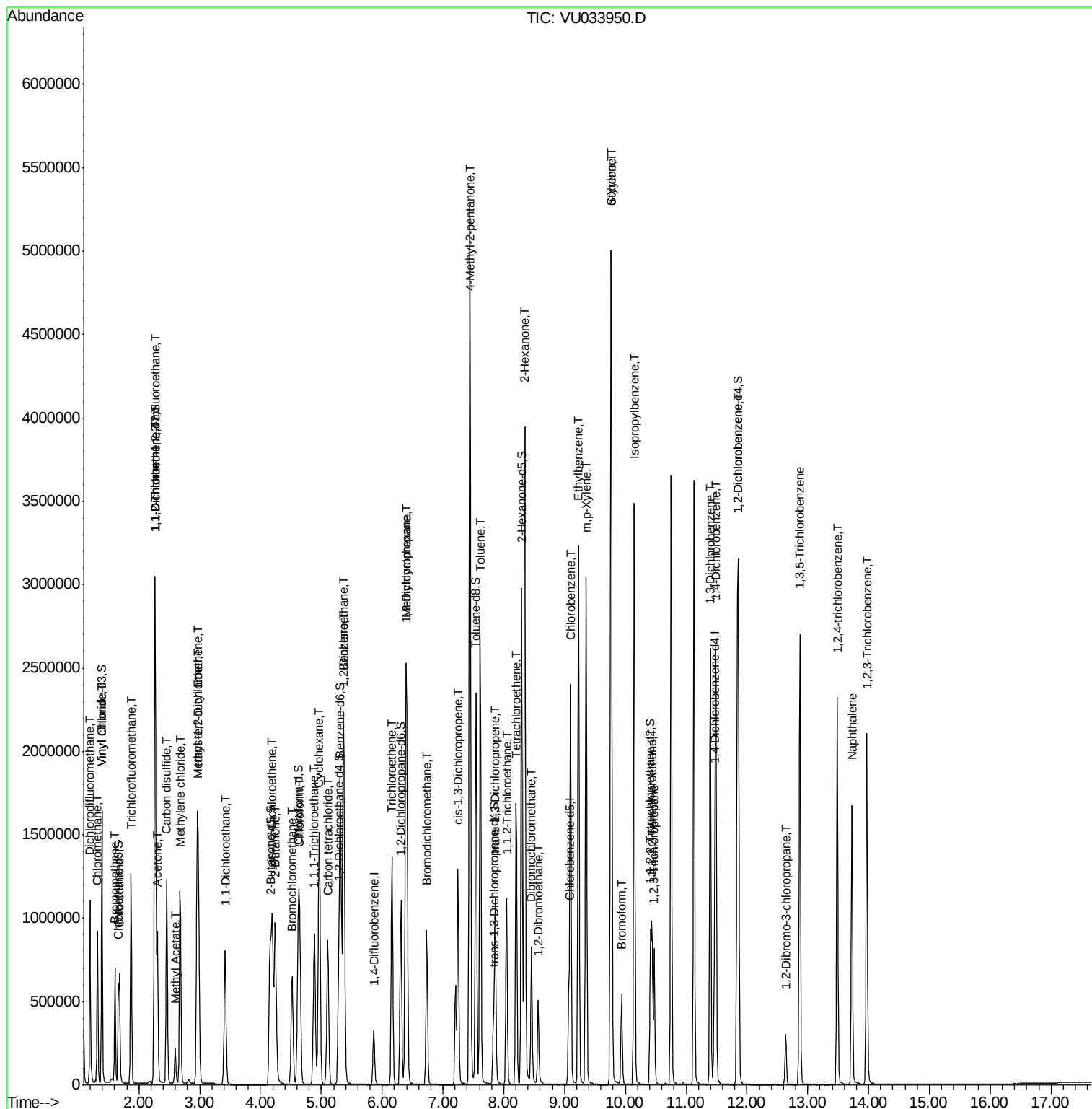
(#) = qualifier out of range (m) = manual integration (+) = signals summed

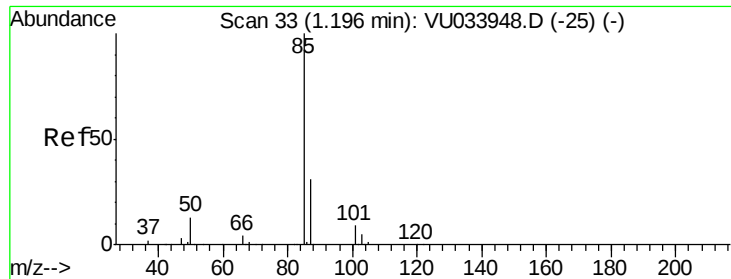
Data File : VU033950.D

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#2

Dichlorodifluoromethane

Concen: 25.142 ug/L

RT: 1.20 min Scan# 33

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

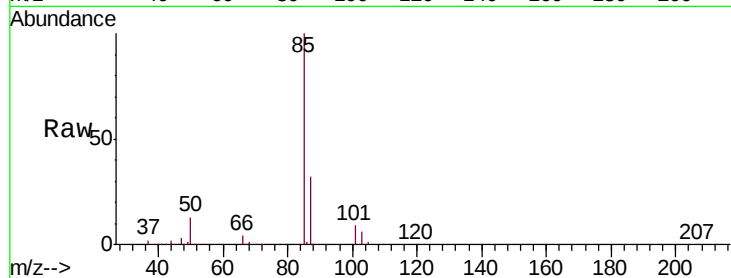
VSTD02004

Tgt Ion: 85 Resp: 641621

Ion Ratio Lower Upper

85 100

87 32.4 25.4 38.0



Abundance Ion 85.00 (84.70 to 85.70): VU033948.D (-25) (-)

Ion 87.00 (86.70 to 87.70): VU033948.D (-25) (-)

1.20

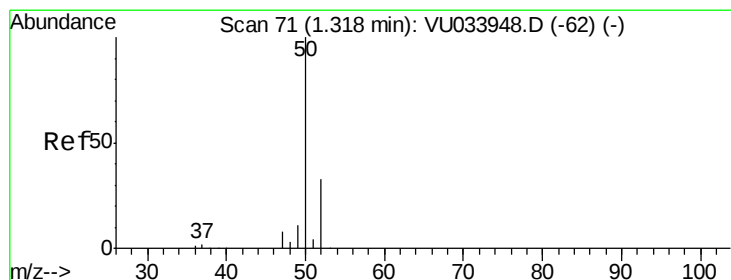
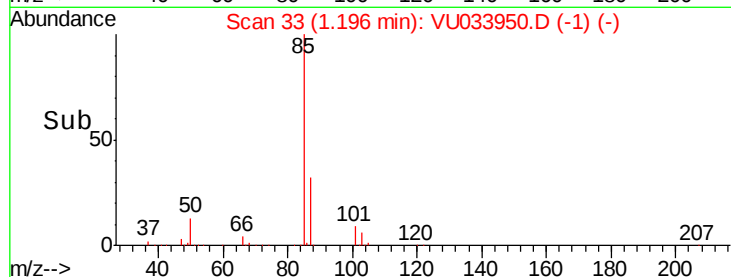
600000

400000

200000

0

Time-->



#3

Chloromethane

Concen: 25.538 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VU033950.D

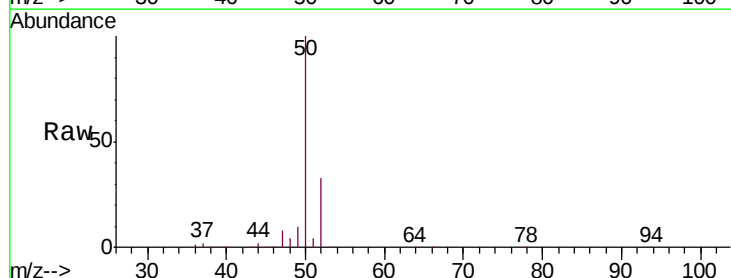
Acq: 26 Aug 2019 12:18

Tgt Ion: 50 Resp: 635747

Ion Ratio Lower Upper

50 100

52 32.9 23.0 42.8



Abundance Ion 50.05 (49.75 to 50.75): VU033948.D (-62) (-)

Ion 52.05 (51.75 to 52.75): VU033948.D (-62) (-)

1.32

600000

500000

400000

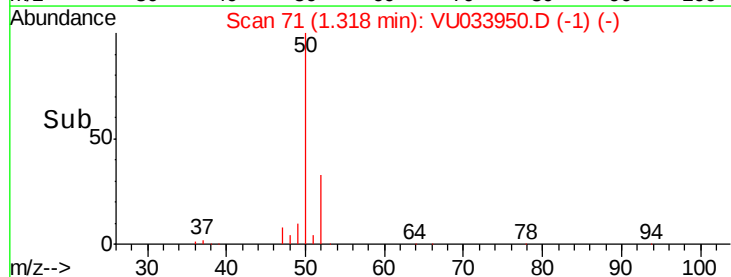
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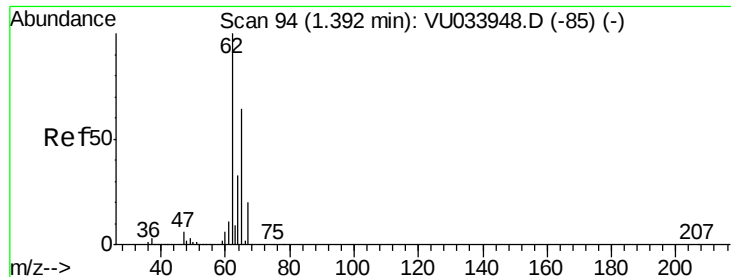
200000

100000

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Time-->





#5

Vinyl chloride

Concen: 24.227 ug/L

RT: 1.39 min Scan# 94

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

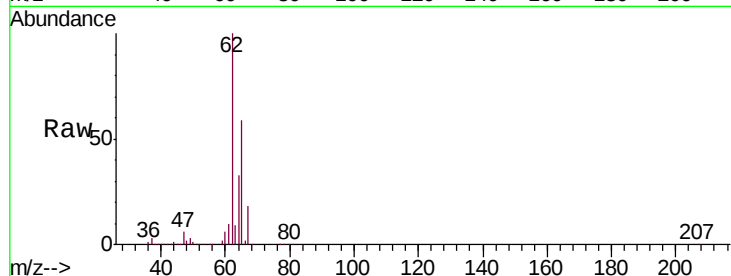
VSTD02004

Tgt Ion: 62 Resp: 668653

Ion Ratio Lower Upper

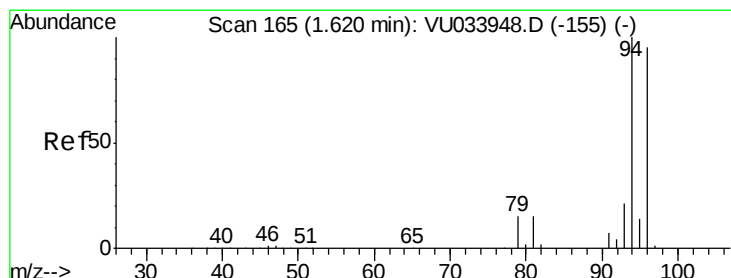
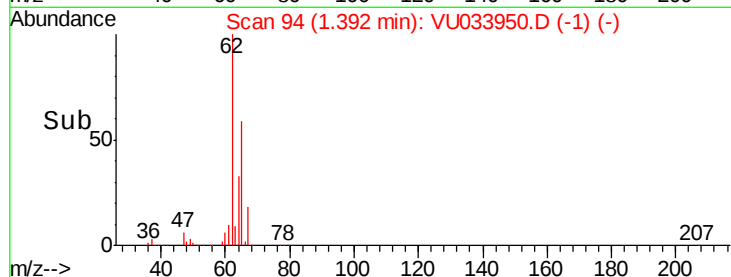
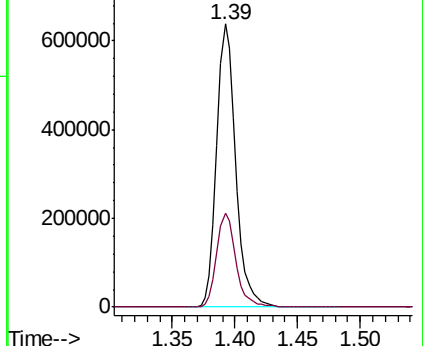
62 100

64 33.2 23.4 43.4



Abundance Ion 62.00 (61.70 to 62.70): VU033948.D (-85) (-)

Ion 64.10 (63.80 to 64.80): VU033948.D (-85) (-)



#6

Bromomethane

Concen: 18.195 ug/L

RT: 1.60 min Scan# 160

Delta R.T. -0.02 min

Lab File: VU033950.D

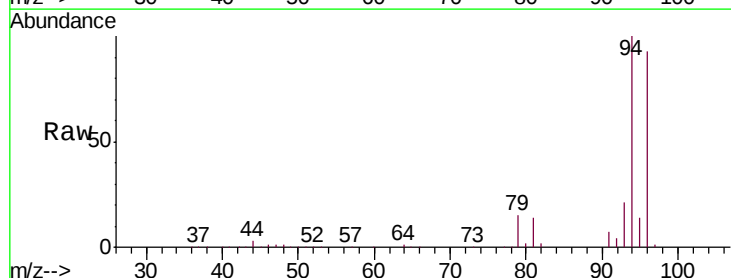
Acq: 26 Aug 2019 12:18

Tgt Ion: 94 Resp: 308050

Ion Ratio Lower Upper

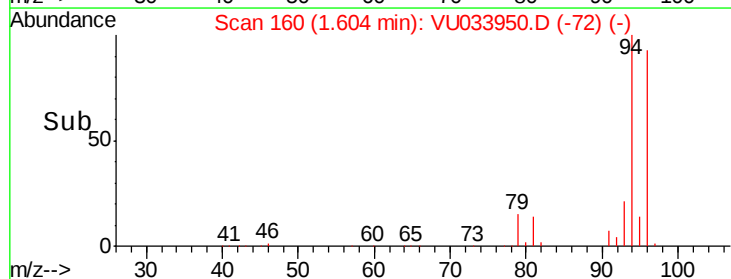
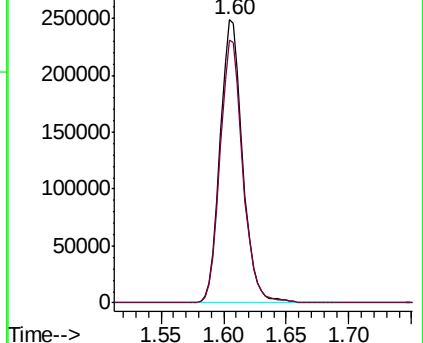
94 100

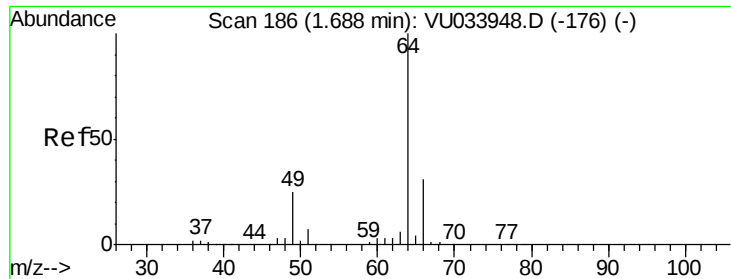
96 92.9 66.1 122.8



Abundance Ion 94.00 (93.70 to 94.70): VU033948.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU033948.D (-155) (-)





#8

Chloroethane

Concen: 23.447 ug/L

RT: 1.68 min Scan# 184

Delta R.T. -0.01 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

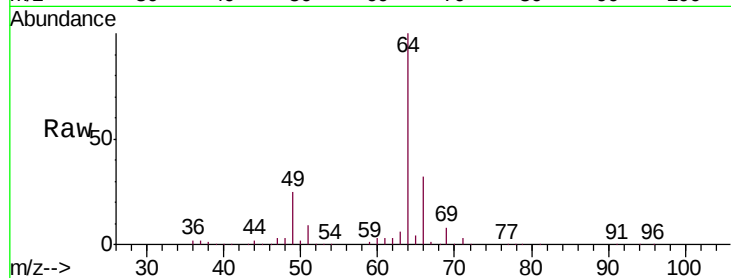
VSTD02004

Tgt Ion: 64 Resp: 382103

Ion Ratio Lower Upper

64 100

66 31.9 21.4 39.8



Abundance Ion 64.10 (63.80 to 64.80): VU033948.D (-176) (-)

Ion 66.05 (65.75 to 66.75): VU033948.D (-176) (-)

1.68

300000

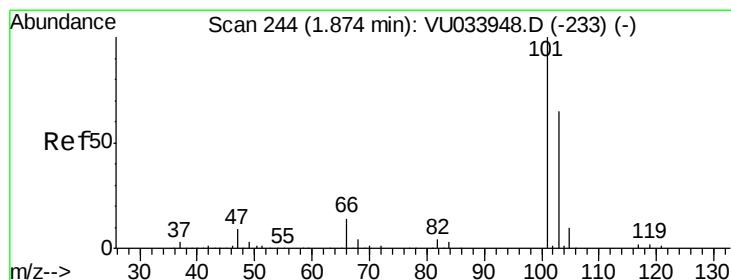
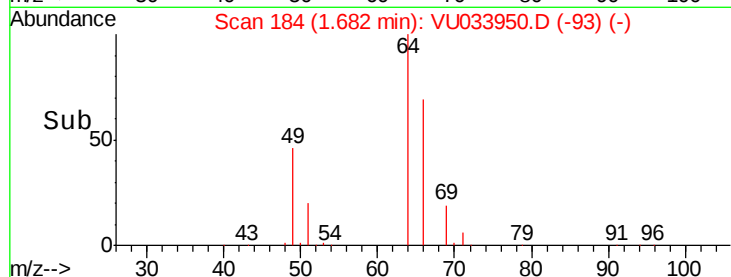
200000

100000

0

1.60 1.65 1.70 1.75 1.80

Time-->



#9

Trichlorofluoromethane

Concen: 22.151 ug/L

RT: 1.87 min Scan# 243

Delta R.T. -0.00 min

Lab File: VU033950.D

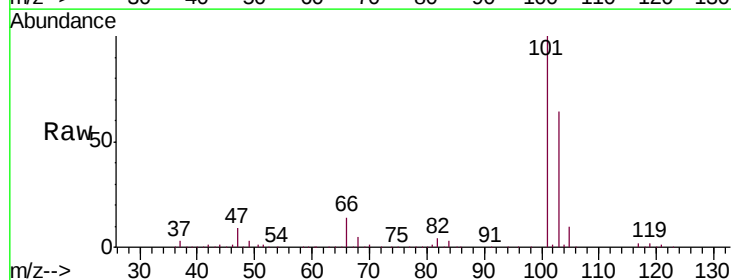
Acq: 26 Aug 2019 12:18

Tgt Ion: 101 Resp: 755326

Ion Ratio Lower Upper

101 100

103 63.9 52.1 78.1



Abundance Ion 101.00 (100.70 to 101.70): VU033948.D (-233) (-)

Ion 103.00 (102.70 to 103.70): VU033948.D (-233) (-)

1.87

600000

500000

400000

300000

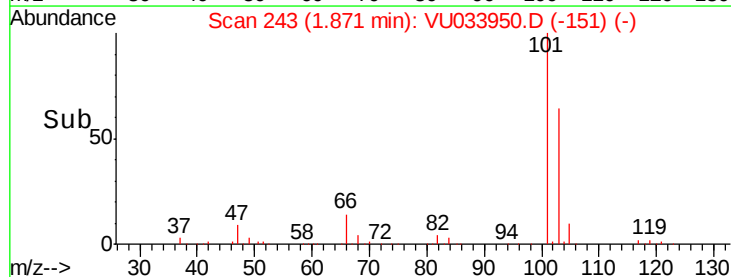
200000

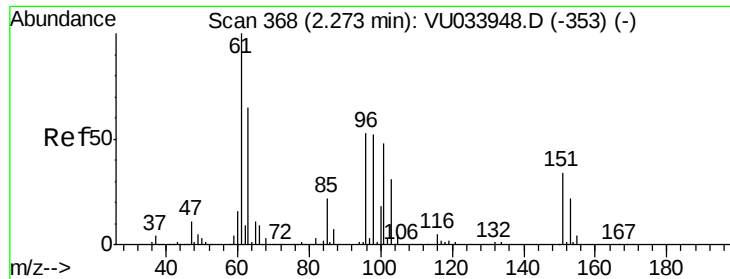
100000

0

1.80 1.85 1.90 1.95 2.00

Time-->





#10

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

Concen: 21.369 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

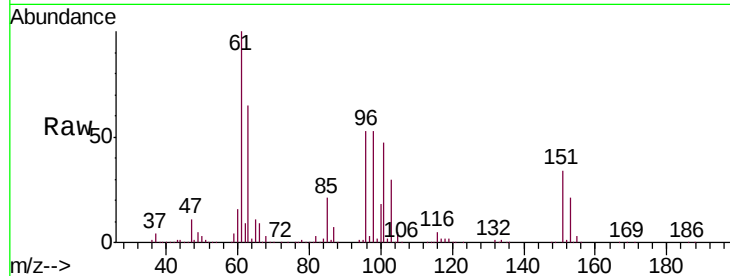
Tgt Ion:101 Resp: 420938

Ion Ratio Lower Upper

101 100

85 43.8 36.2 54.2

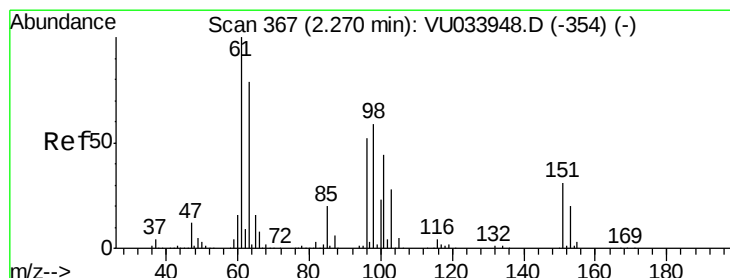
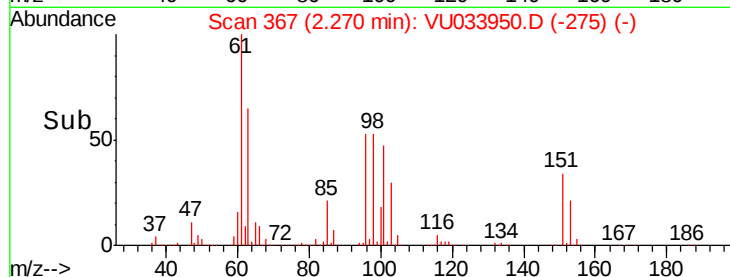
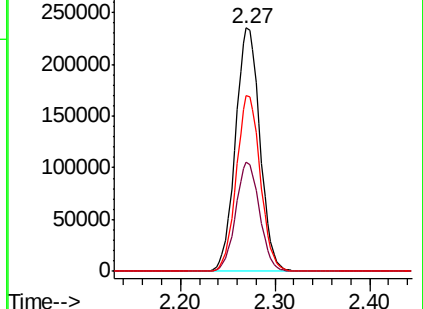
151 70.9 56.8 85.2



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: 21.613 ug/L

RT: 2.27 min Scan# 366

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

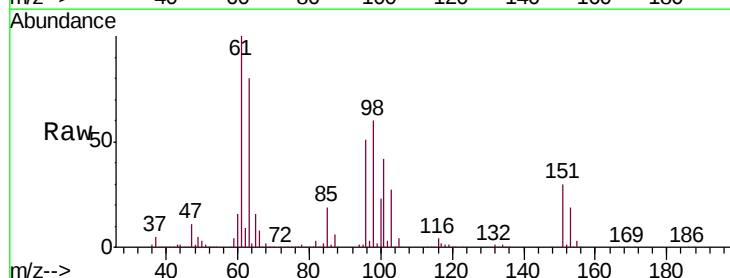
Tgt Ion: 96 Resp: 404698

Ion Ratio Lower Upper

96 100

61 194.8 135.6 251.8

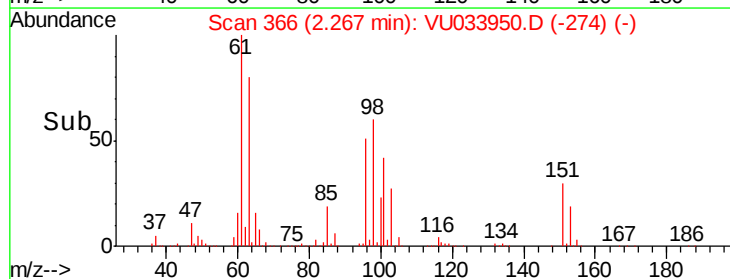
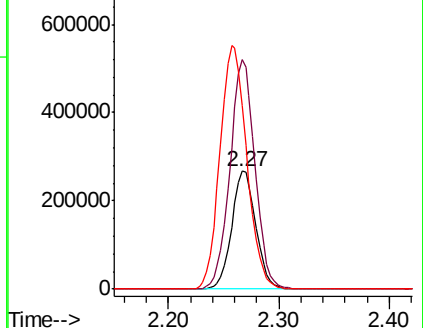
63 155.6 108.0 200.6

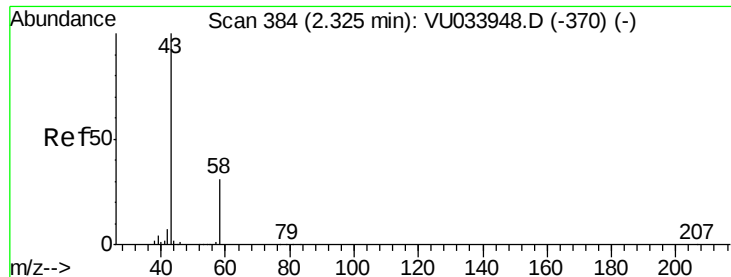


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 239.870 ug/L

RT: 2.30 min Scan# 377

Delta R.T. -0.02 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

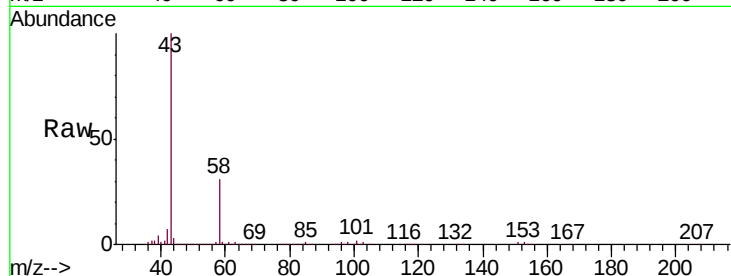
VSTD02004

Tgt Ion: 43 Resp: 875658

Ion Ratio Lower Upper

43 100

58 31.0 0.0 62.6



Abundance Ion 43.05 (42.75 to 43.75): VU033948.D (-370) (-)

Ion 58.05 (57.75 to 58.75): VU033948.D (-370) (-)

2.30

600000

500000

400000

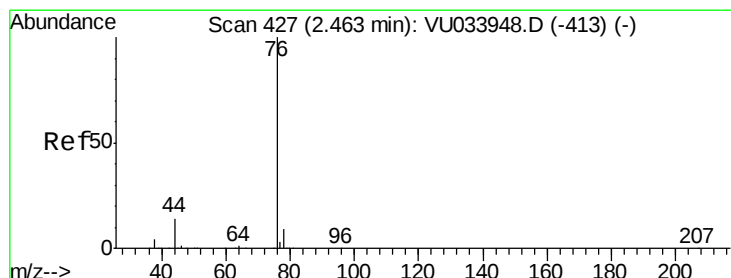
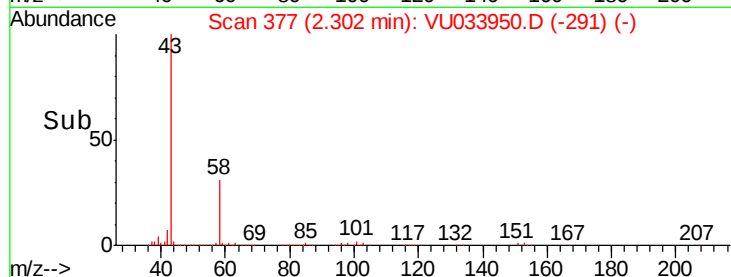
300000

200000

100000

0

Time-->



#14

Carbon disulfide

Concen: 22.104 ug/L

RT: 2.46 min Scan# 426

Delta R.T. -0.00 min

Lab File: VU033950.D

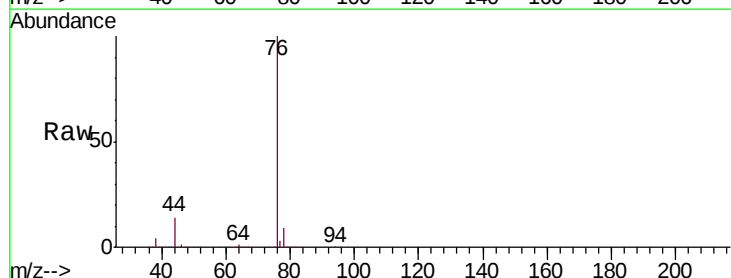
Acq: 26 Aug 2019 12:18

Tgt Ion: 76 Resp: 1432480

Ion Ratio Lower Upper

76 100

78 8.9 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VU033948.D (-413) (-)

Ion 78.00 (77.70 to 78.70): VU033948.D (-413) (-)

2.46

1000000

800000

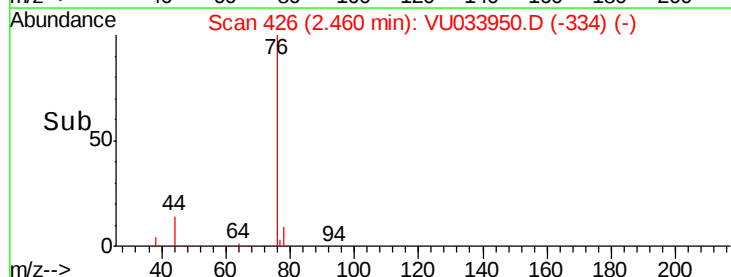
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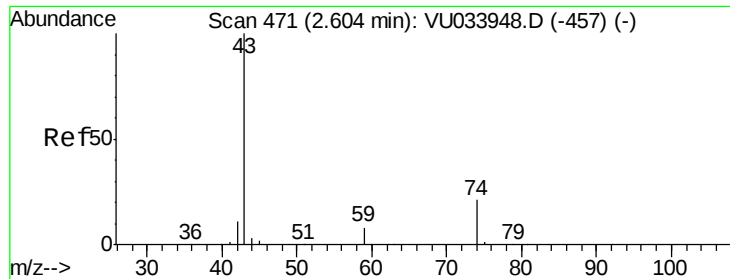
400000

200000

0

Time-->

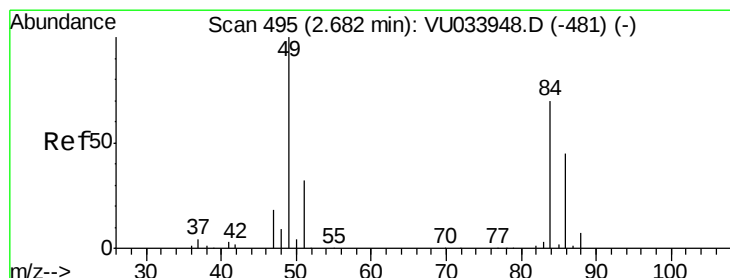
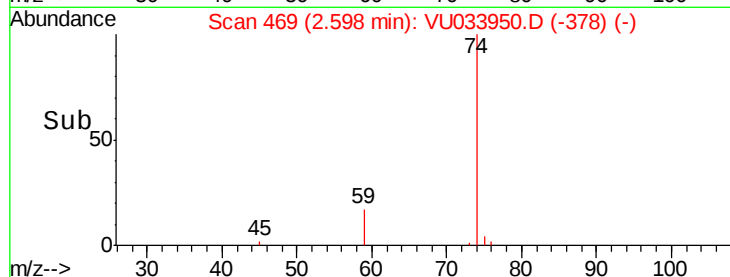
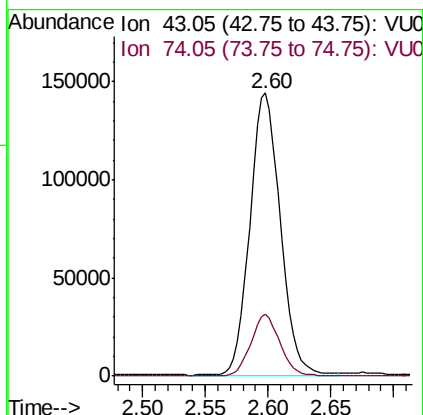
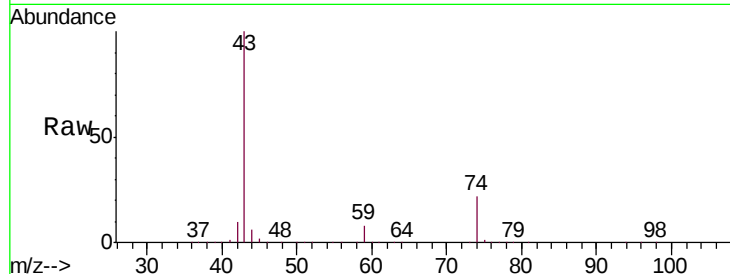




#15
Methyl Acetate
Concen: 26.130 ug/L
RT: 2.60 min Scan# 469
Delta R.T. -0.01 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

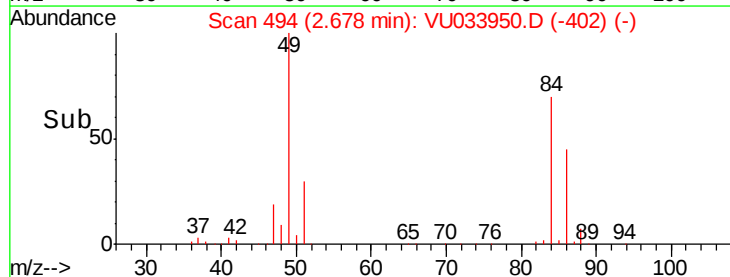
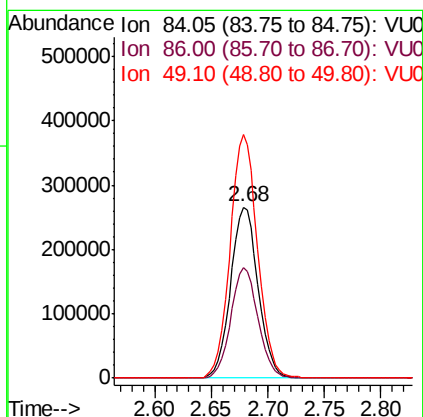
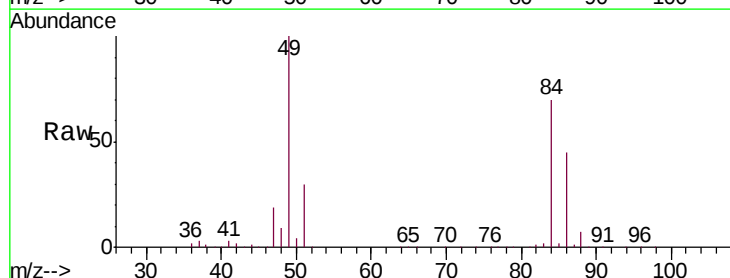
Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

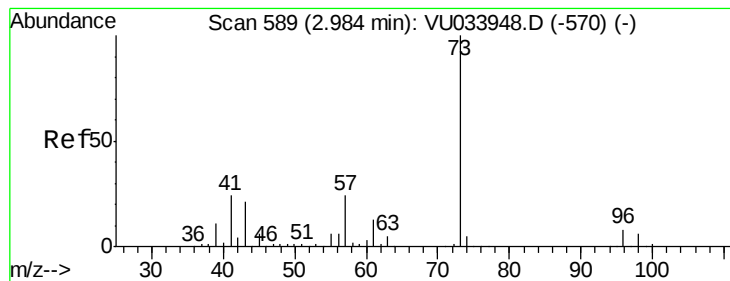
Tgt Ion: 43 Resp: 242747
Ion Ratio Lower Upper
43 100
74 21.1 16.3 24.5



#16
Methylene chloride
Concen: 20.497 ug/L
RT: 2.68 min Scan# 494
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 84 Resp: 449990
Ion Ratio Lower Upper
84 100
86 64.4 44.7 83.1
49 142.1 100.1 185.9





#17

Methyl tert-butyl Ether

Concen: 23.208 ug/L

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

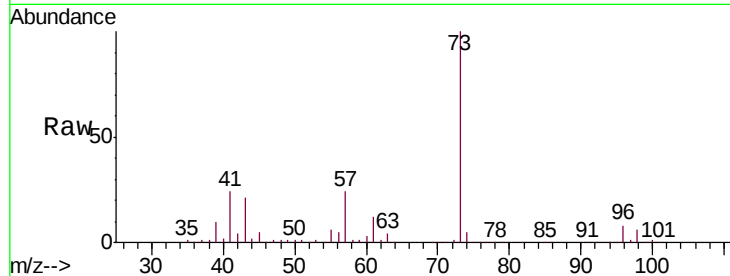
Tgt Ion: 73 Resp: 1108318

Ion Ratio Lower Upper

73 100

43 21.0 16.6 24.8

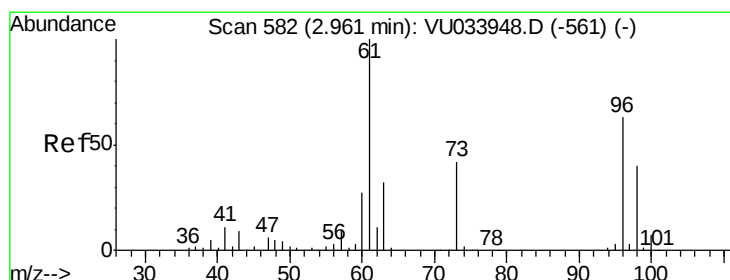
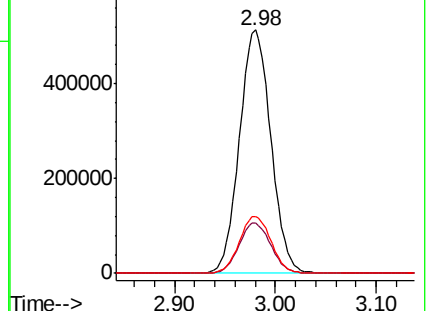
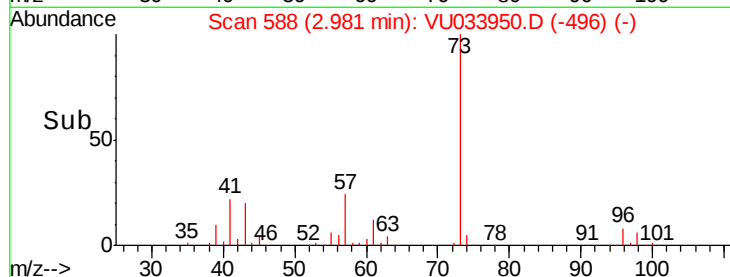
57 23.6 19.1 28.7



Abundance Ion 73.10 (72.80 to 73.80): VU033948.D (-570) (-)

Ion 43.05 (42.75 to 43.75): VU033948.D (-570) (-)

Ion 57.10 (56.80 to 57.80): VU033948.D (-570) (-)



#18

trans-1,2-Dichloroethene

Concen: 21.274 ug/L

RT: 2.96 min Scan# 581

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

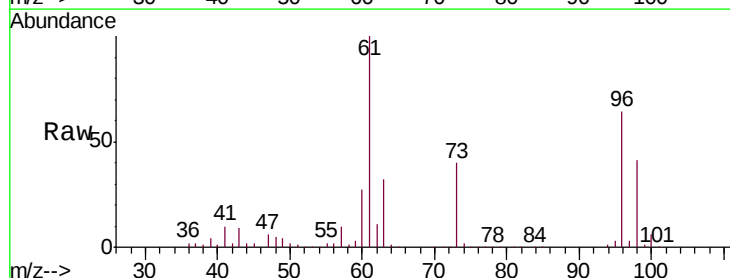
Tgt Ion: 96 Resp: 437958

Ion Ratio Lower Upper

96 100

61 157.5 110.3 204.9

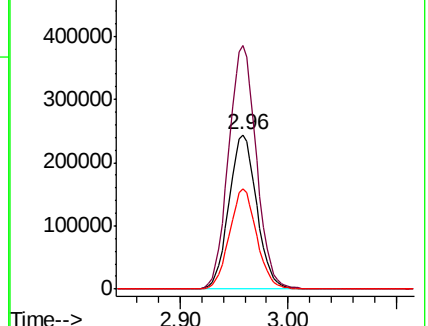
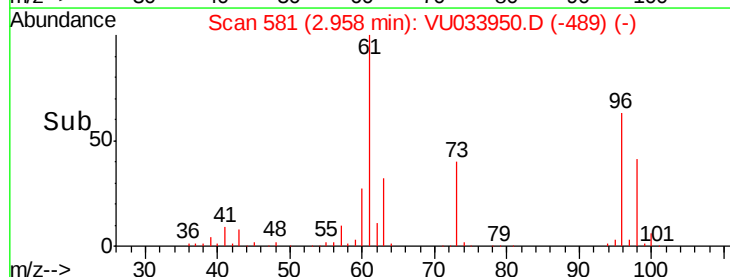
98 64.7 44.2 82.0

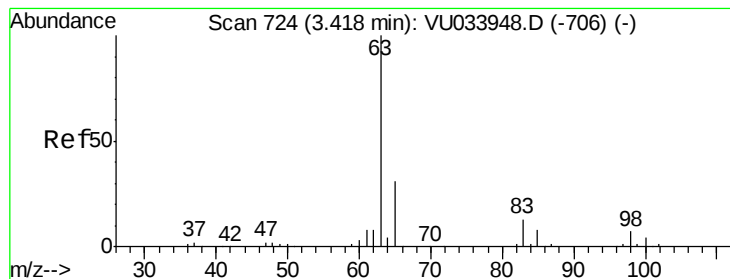


Abundance Ion 96.00 (95.70 to 96.70): VU033948.D (-561) (-)

Ion 61.05 (60.75 to 61.75): VU033948.D (-561) (-)

Ion 97.95 (97.65 to 98.65): VU033948.D (-561) (-)





#19

1,1-Dichloroethane

Concen: 27.214 ug/L

RT: 3.42 min Scan# 724

Delta R.T. 0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

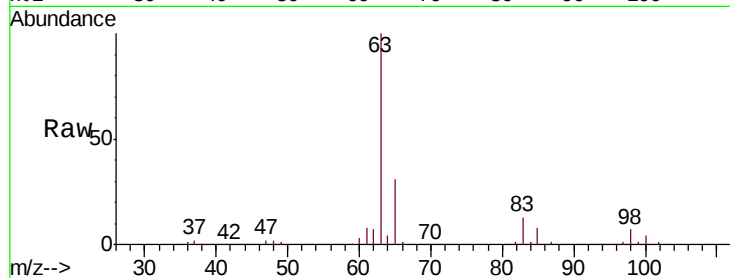
Tgt Ion: 63 Resp: 870764

Ion Ratio Lower Upper

63 100

65 31.0 21.7 40.3

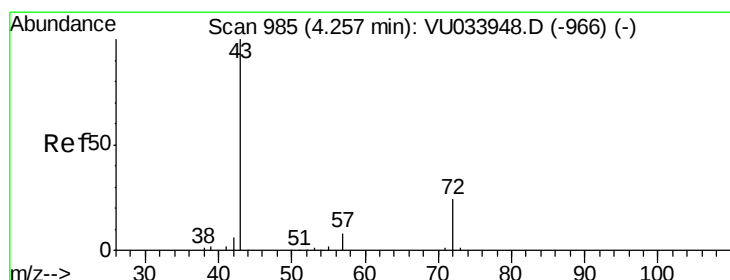
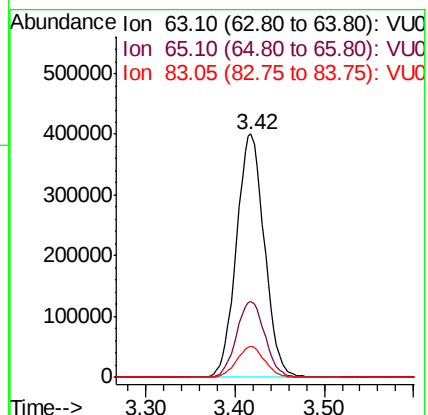
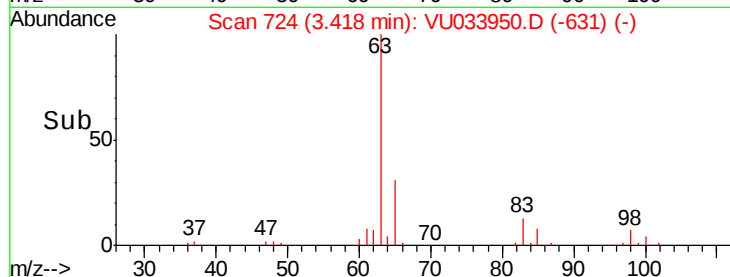
83 12.6 8.9 16.5



Abundance Ion 63.10 (62.80 to 63.80): VU033948.D (-706) (-)

Ion 65.10 (64.80 to 65.80): VU033948.D (-706) (-)

Ion 83.05 (82.75 to 83.75): VU033948.D (-706) (-)



#21

2-Butanone

Concen: 338.376 ug/L

RT: 4.24 min Scan# 980

Delta R.T. -0.02 min

Lab File: VU033950.D

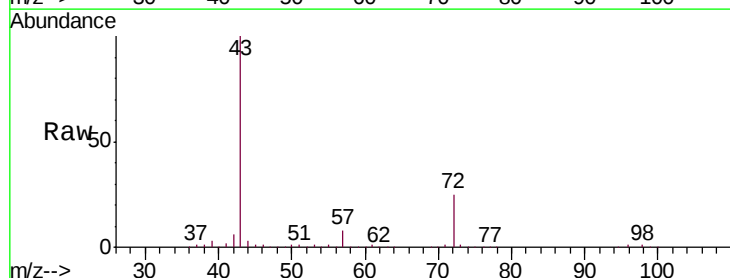
Acq: 26 Aug 2019 12:18

Tgt Ion: 43 Resp: 1448951

Ion Ratio Lower Upper

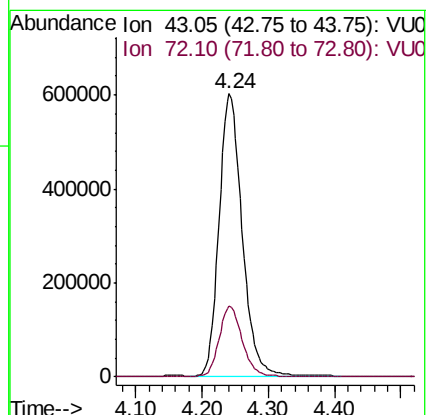
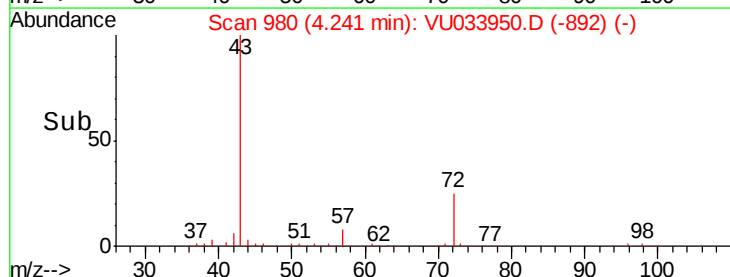
43 100

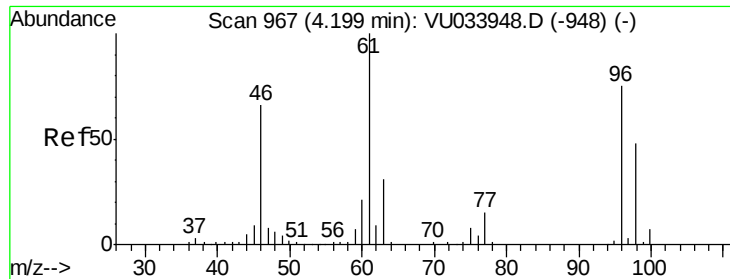
72 25.6 12.3 36.8



Abundance Ion 43.05 (42.75 to 43.75): VU033948.D (-966) (-)

Ion 72.10 (71.80 to 72.80): VU033948.D (-966) (-)



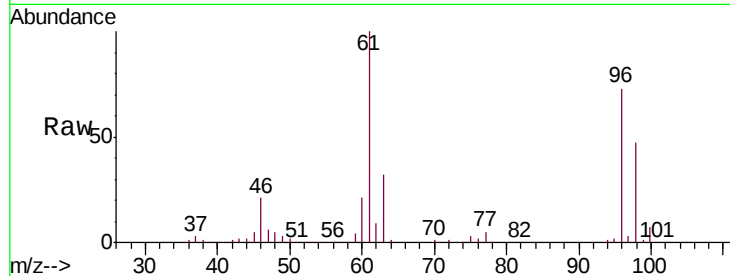


#22

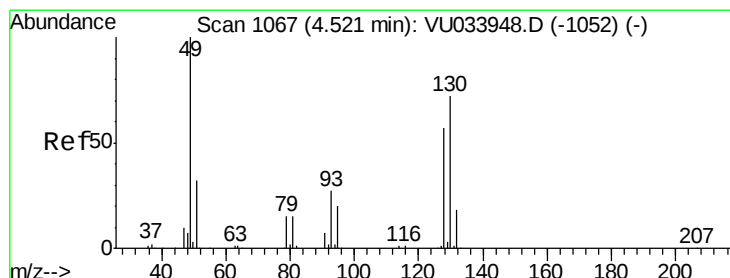
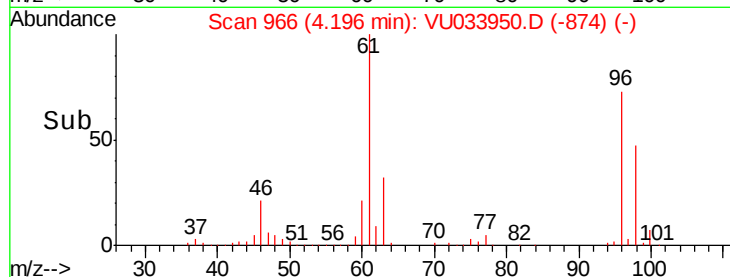
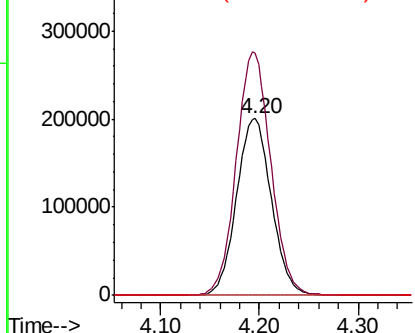
cis-1,2-Dichloroethene
 Concen: 28.646 ug/L
 RT: 4.20 min Scan# 966
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tgt Ion: 96 Resp: 490964
 Ion Ratio Lower Upper
 96 100
 61 137.1 93.8 174.2
 68 0.0 0.0 0.0



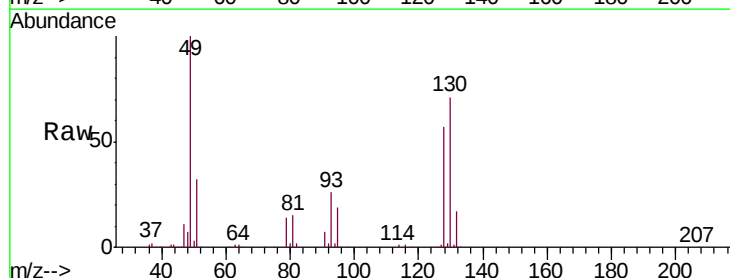
Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0



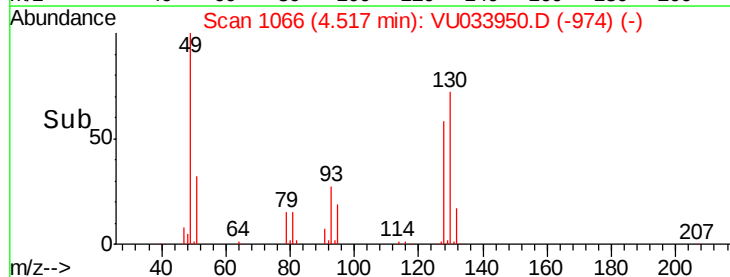
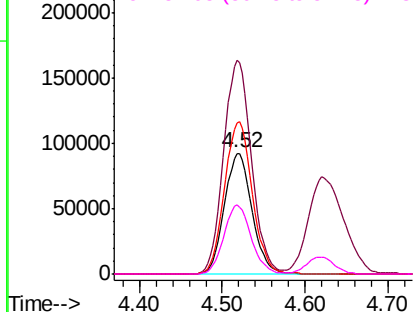
#23

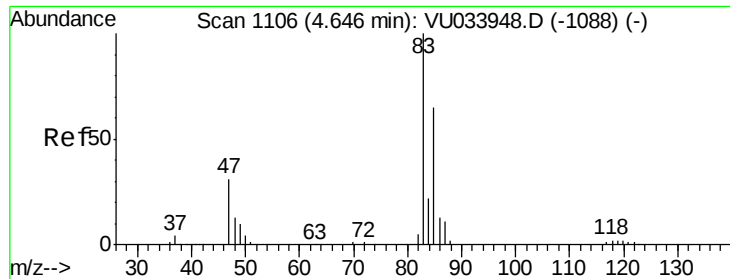
Bromochloromethane
 Concen: 25.977 ug/L
 RT: 4.52 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion: 128 Resp: 214009
 Ion Ratio Lower Upper
 128 100
 49 176.6 122.4 227.2
 130 125.2 87.8 163.0
 51 56.8 44.0 66.0



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

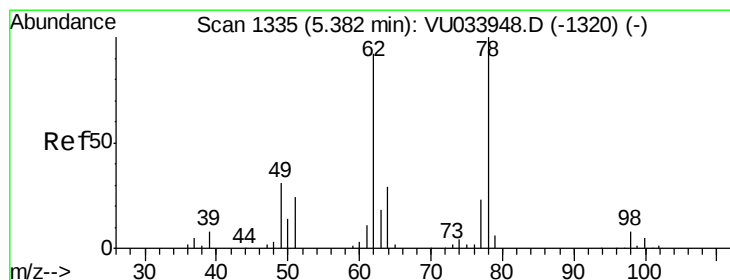
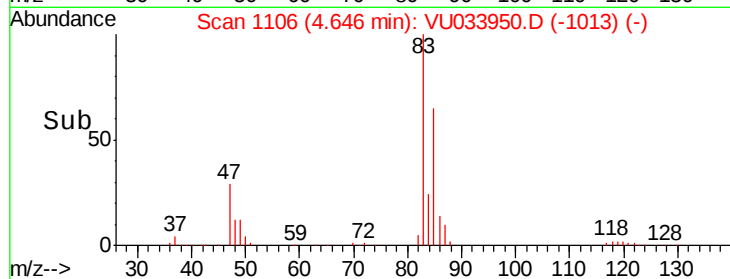
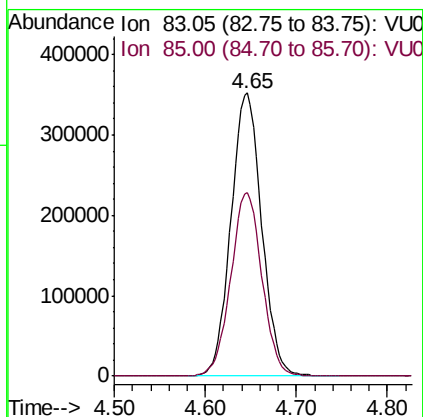
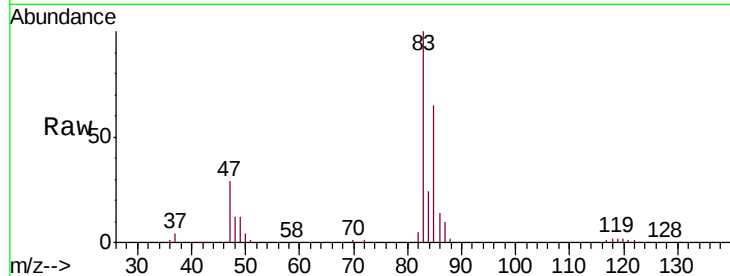




#25
Chloroform
Concen: 23.382 ug/L
RT: 4.65 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

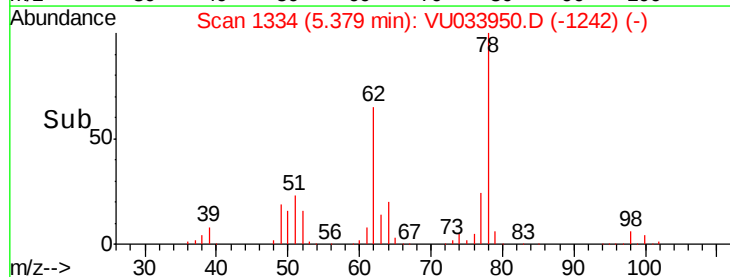
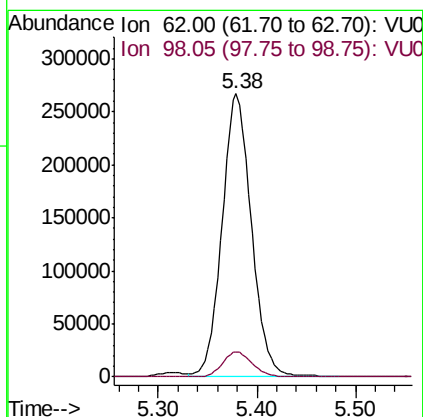
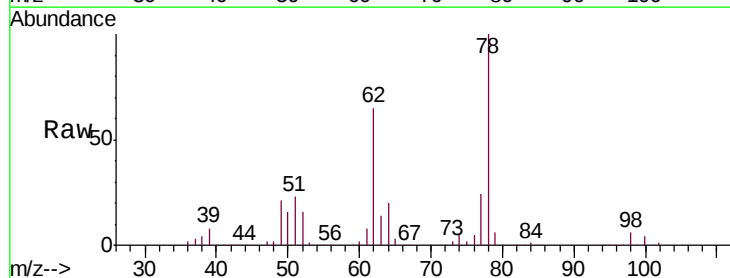
Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

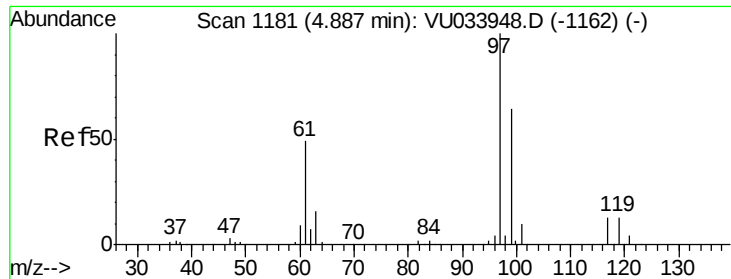
Tgt Ion: 83 Resp: 827521
Ion Ratio Lower Upper
83 100
85 64.9 45.7 84.9



#27
1,2-Dichloroethane
Concen: 26.923 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 62 Resp: 553559
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8

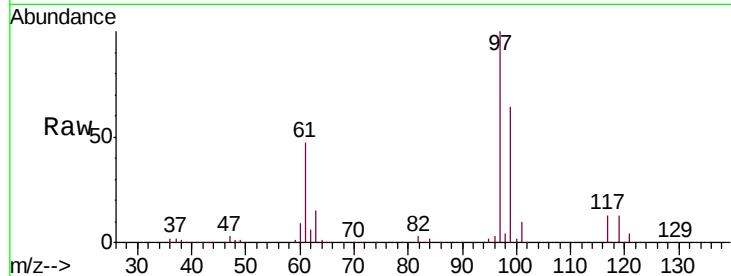




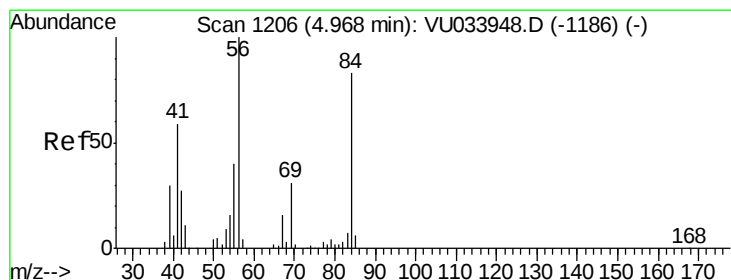
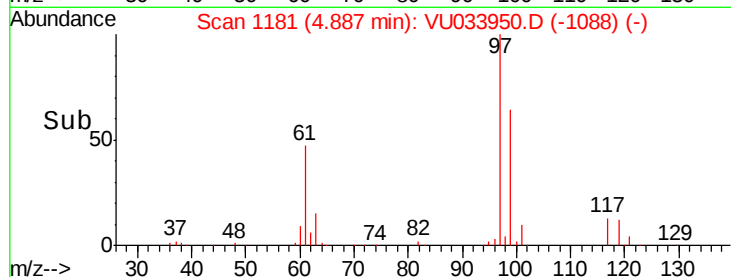
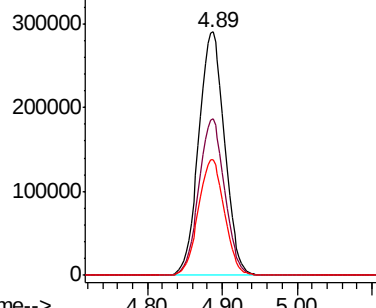
#29
 1,1,1-Trichloroethane
 Concen: 25.664 ug/L
 RT: 4.89 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tgt Ion: 97 Resp: 694915
 Ion Ratio Lower Upper
 97 100
 99 64.3 51.5 77.3
 61 48.0 39.1 58.7

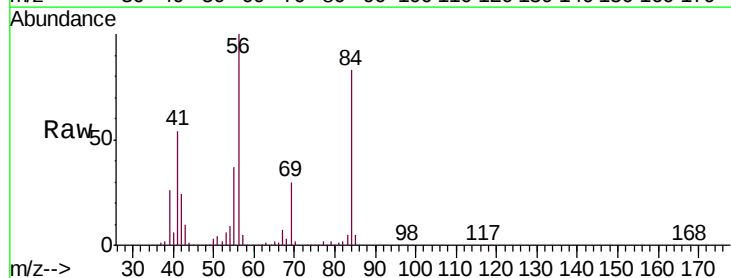


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 61.05 (60.75 to 61.75): VU0

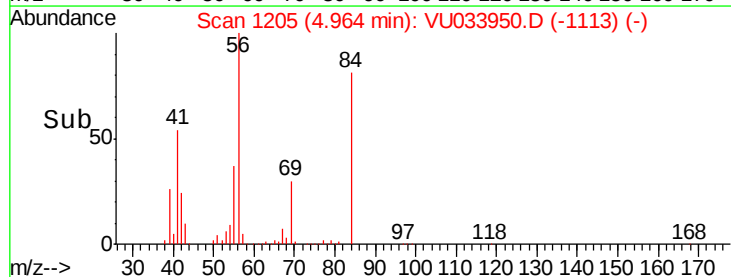
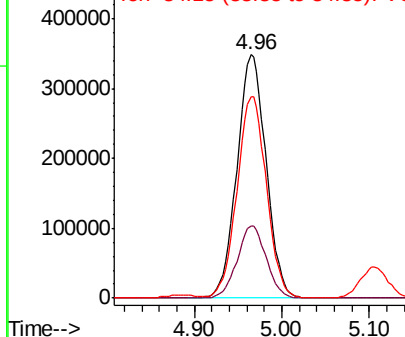


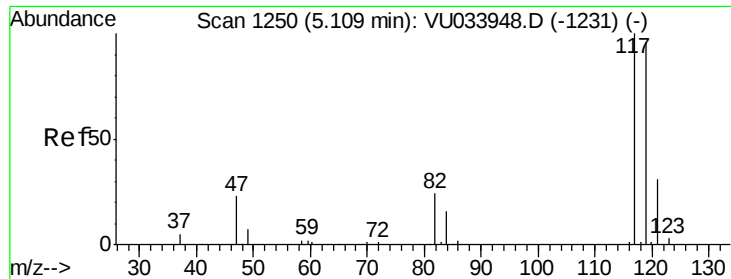
#30
 Cyclohexane
 Concen: 33.505 ug/L
 RT: 4.96 min Scan# 1205
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion: 56 Resp: 804661
 Ion Ratio Lower Upper
 56 100
 69 29.6 23.5 35.3
 84 83.8 66.3 99.5



Abundance Ion 56.10 (55.80 to 56.80): VU0
 Ion 69.15 (68.85 to 69.85): VU0
 Ion 84.15 (83.85 to 84.85): VU0

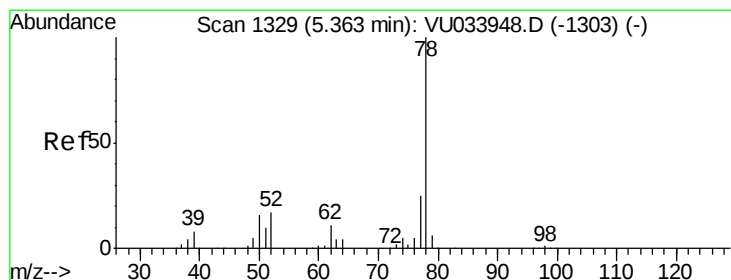
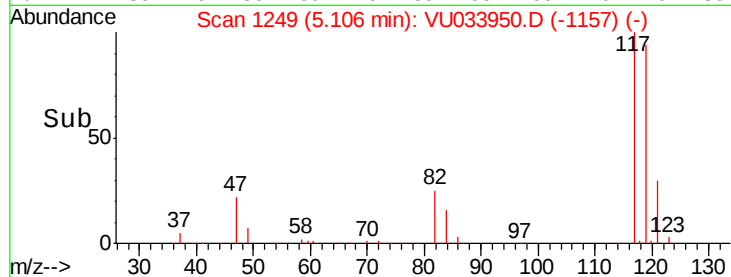
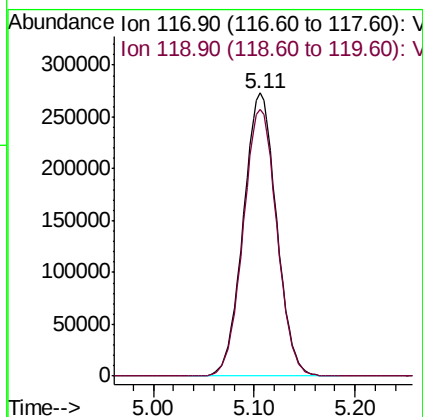
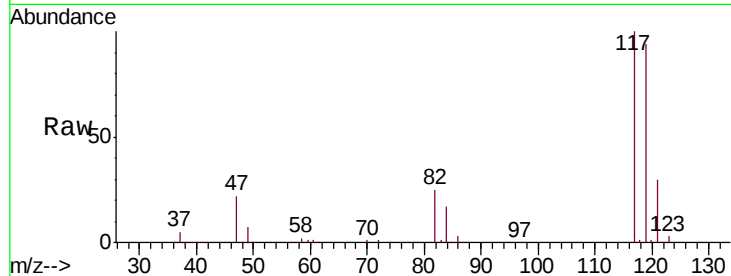




#31
Carbon tetrachloride
Concen: 25.589 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

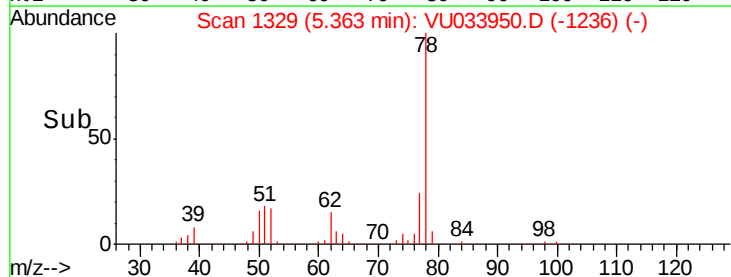
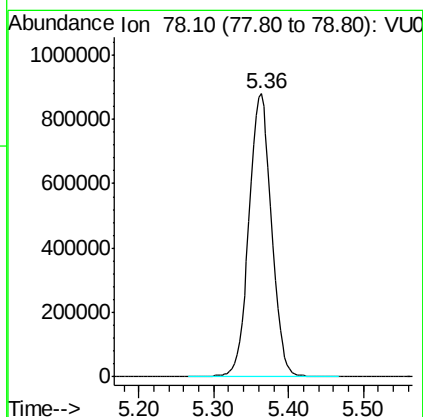
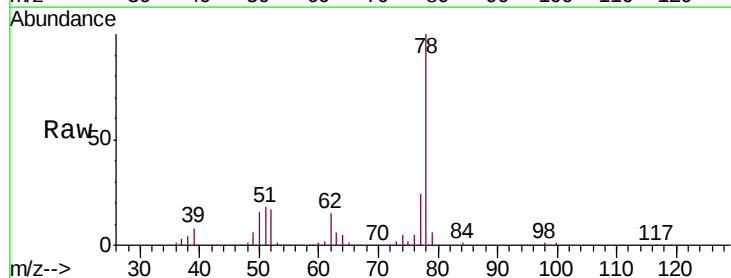
Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

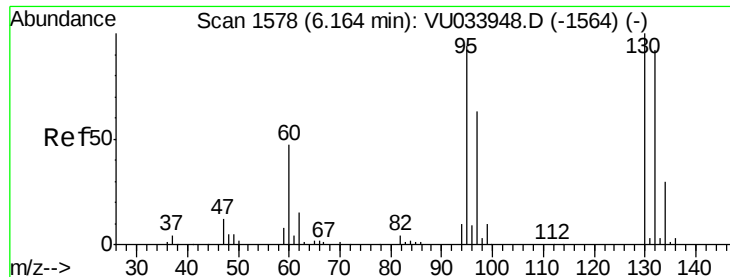
Tgt Ion:117 Resp: 621246
Ion Ratio Lower Upper
117 100
119 95.5 76.4 114.6



#33
Benzene
Concen: 27.776 ug/L
RT: 5.36 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 78 Resp: 1851519





#34

Trichloroethene

Concen: 26.526 ug/L

RT: 6.16 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

Tgt Ion: 95 Resp: 465546

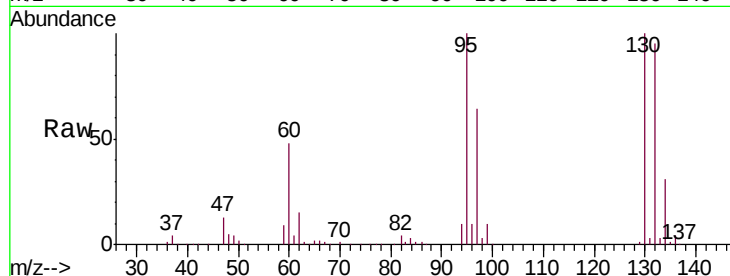
Ion Ratio Lower Upper

95 100

97 64.6 46.9 87.1

132 95.3 67.9 126.1

130 100.4 74.1 137.7

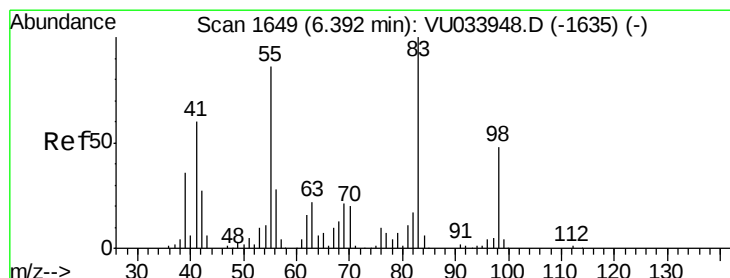
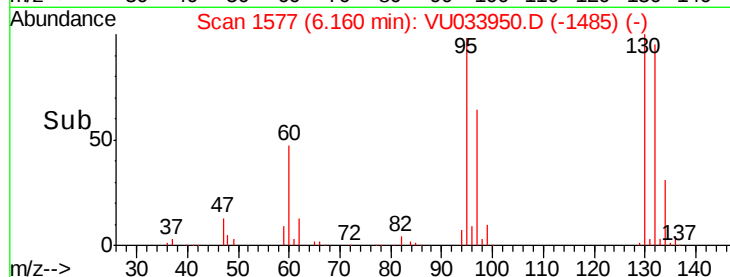
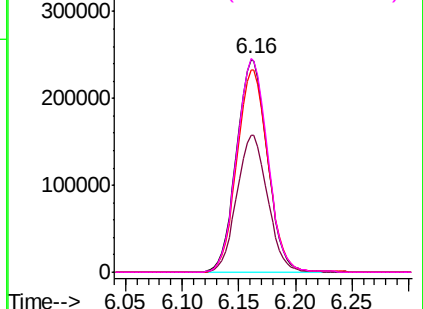


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 32.438 ug/L

RT: 6.39 min Scan# 1649

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

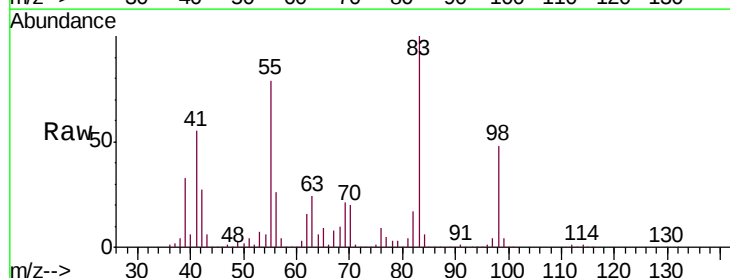
Tgt Ion: 83 Resp: 815245

Ion Ratio Lower Upper

83 100

55 80.4 68.6 103.0

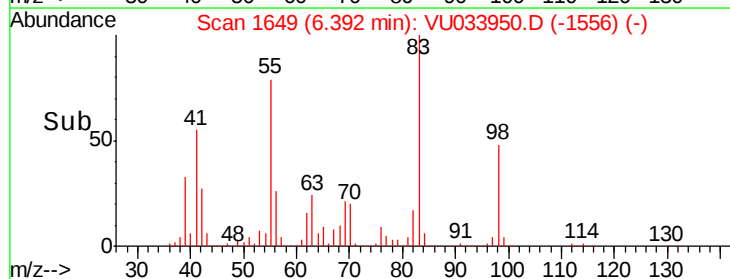
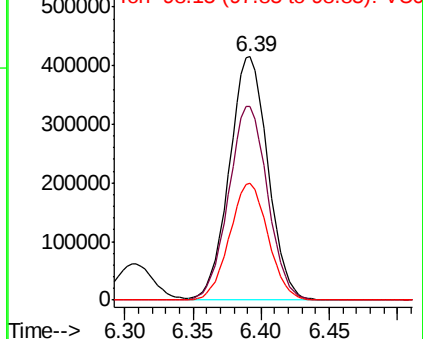
98 47.8 38.7 58.1

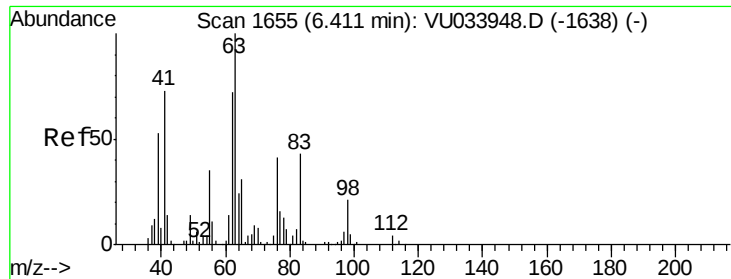


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0





#37

1,2-Dichloropropane

Concen: 27.833 ug/L

RT: 6.41 min Scan# 1654

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

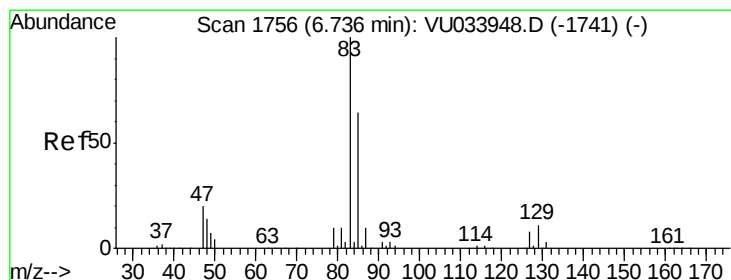
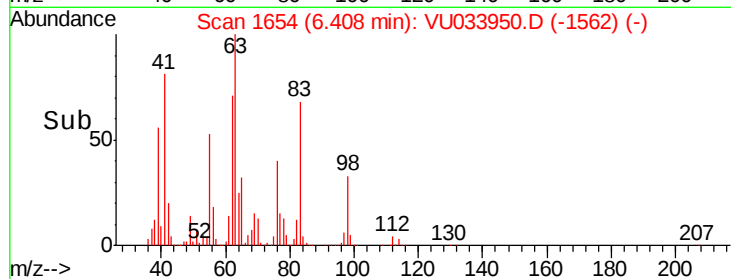
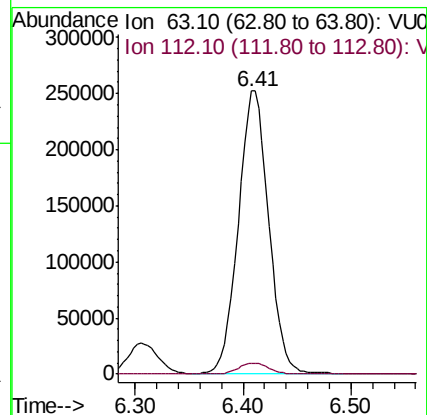
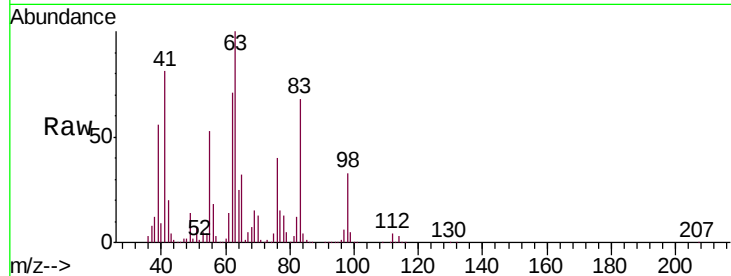
VSTD02004

Tgt Ion: 63 Resp: 491779

Ion Ratio Lower Upper

63 100

112 4.0 3.4 5.0



#38

Bromodichloromethane

Concen: 26.684 ug/L

RT: 6.73 min Scan# 1755

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

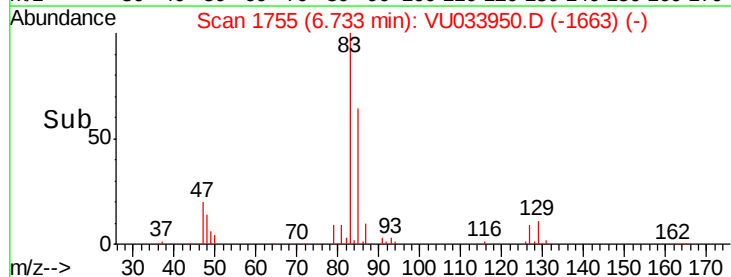
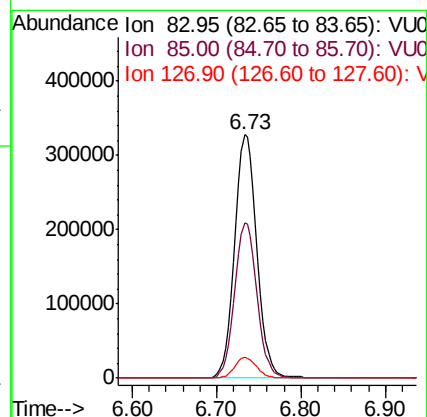
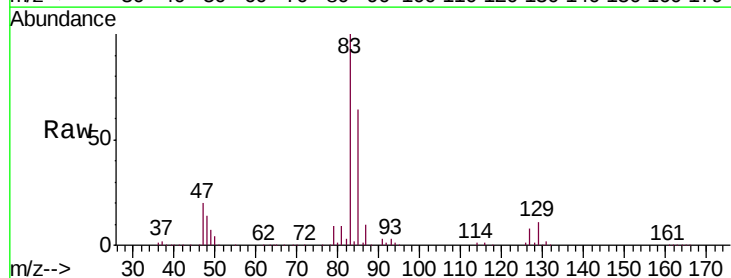
Tgt Ion: 83 Resp: 601183

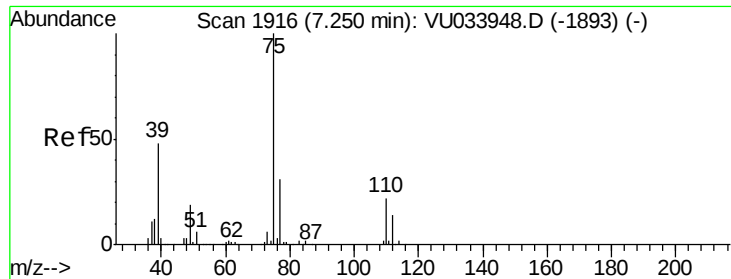
Ion Ratio Lower Upper

83 100

85 63.6 44.5 82.7

127 8.5 6.6 9.8

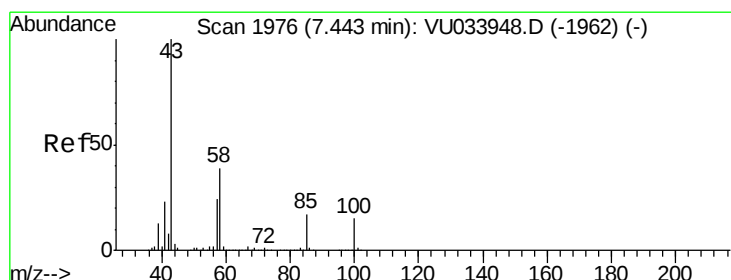
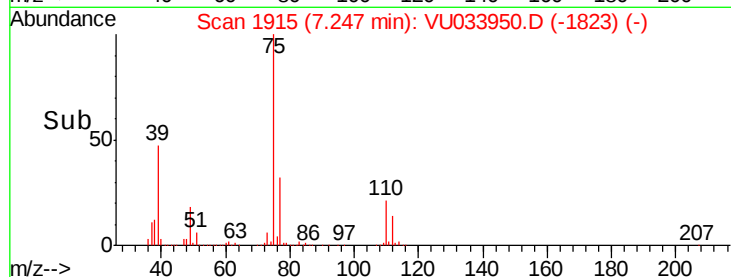
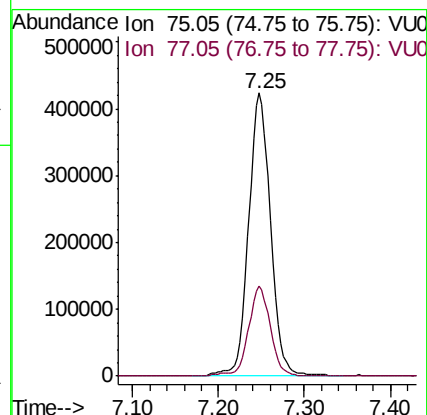
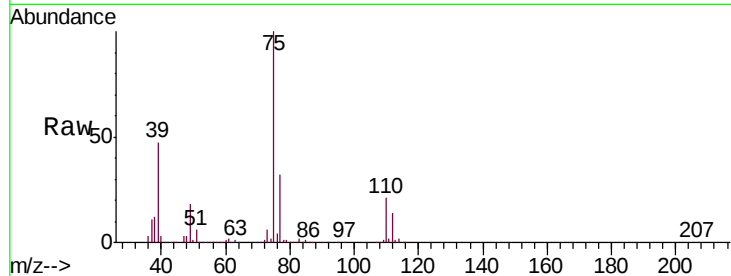




#39
 cis-1,3-Dichloropropene
 Concen: 32.199 ug/L
 RT: 7.25 min Scan# 1915
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

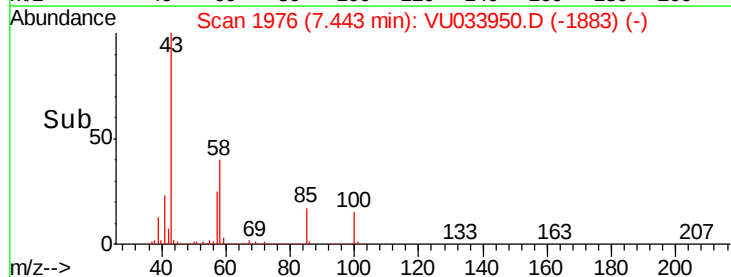
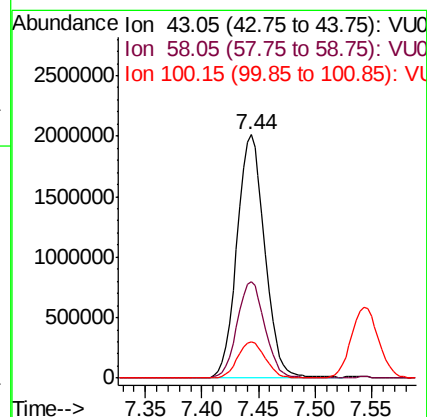
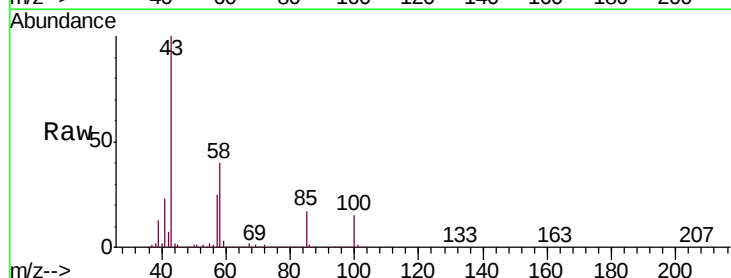
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

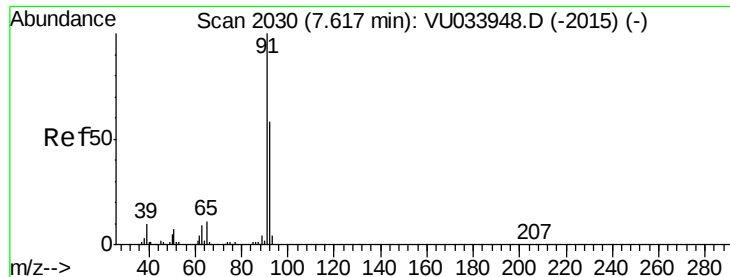
Tgt Ion: 75 Resp: 752294
 Ion Ratio Lower Upper
 75 100
 77 31.7 21.9 40.7



#40
 4-Methyl-2-pentanone
 Concen: 343.905 ug/L
 RT: 7.44 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion: 43 Resp: 3444124
 Ion Ratio Lower Upper
 43 100
 58 39.7 30.3 45.5
 100 14.9 11.4 17.2





#42

Toluene

Concen: 28.974 ug/L

RT: 7.61 min Scan# 2029

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

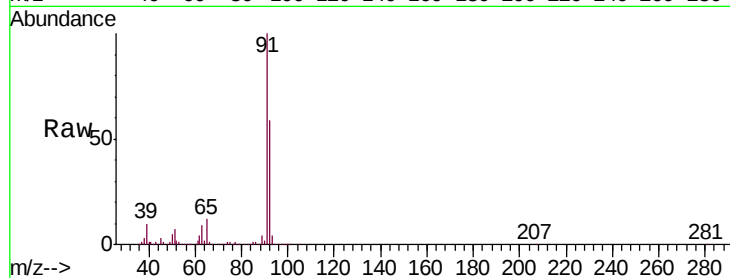
VSTD02004

Tgt Ion: 91 Resp: 1956846

Ion Ratio Lower Upper

91 100

92 58.9 40.4 75.0



Abundance Ion 91.15 (90.85 to 91.85): VU033948.D (-2015) (-)

Ion 92.15 (91.85 to 92.85): VU033948.D (-2015) (-)

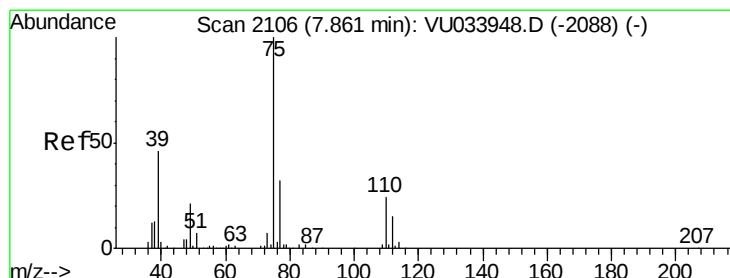
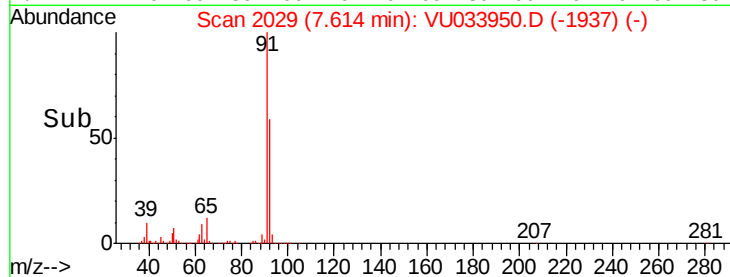
7.61

1000000

500000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 30.948 ug/L

RT: 7.86 min Scan# 2105

Delta R.T. -0.00 min

Lab File: VU033950.D

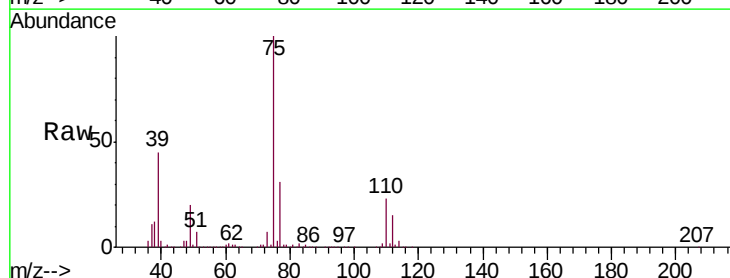
Acq: 26 Aug 2019 12:18

Tgt Ion: 75 Resp: 606909

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.1



Abundance Ion 75.05 (74.75 to 75.75): VU033948.D (-2088) (-)

Ion 77.05 (76.75 to 77.75): VU033948.D (-2088) (-)

7.86

400000

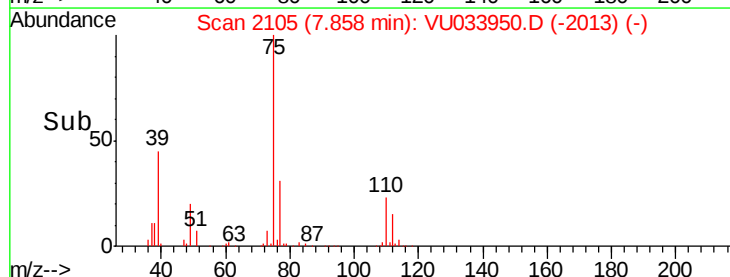
300000

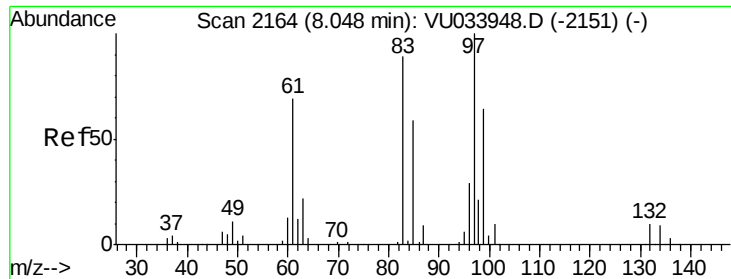
200000

100000

0

Time-->

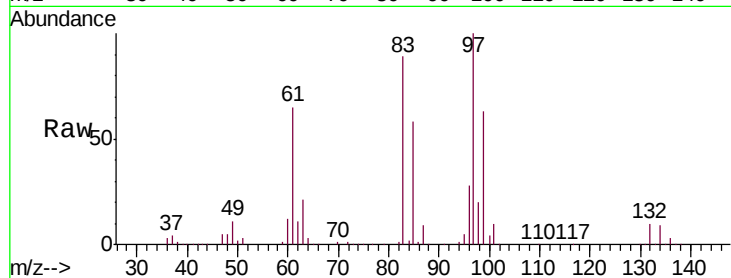




#45
 1,1,2-Trichloroethane
 Concen: 27.235 ug/L
 RT: 8.05 min Scan# 2164
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tgt Ion:	97	Resp:	339164
Ion	Ratio	Lower	Upper
97	100		
99	62.8	44.9	83.3
83	88.7	62.6	116.3
85	58.0	41.0	76.2



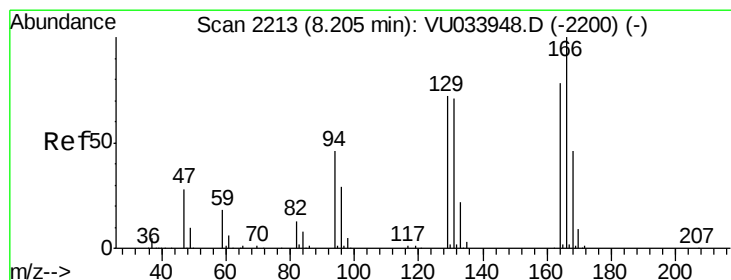
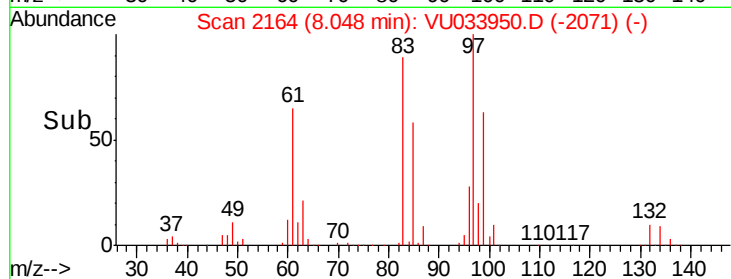
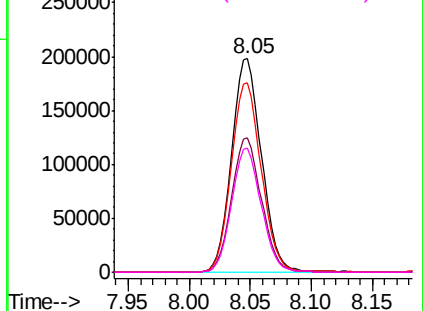
Abundance

Ion 96.95 (96.65 to 97.65): VU033950.D (-2151) (-)

Ion 99.05 (98.75 to 99.75): VU033950.D (-2151) (-)

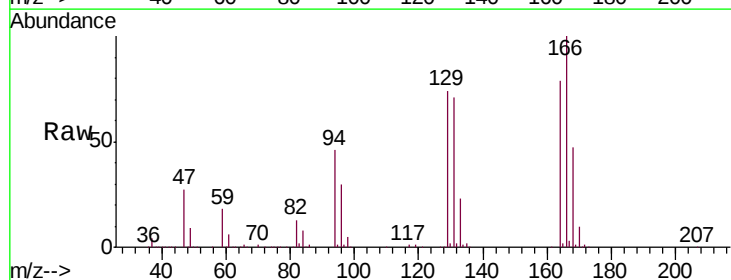
Ion 82.95 (82.65 to 83.65): VU033950.D (-2151) (-)

Ion 85.00 (84.70 to 85.70): VU033950.D (-2151) (-)



#47
 Tetrachloroethene
 Concen: 25.846 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion:	164	Resp:	370320
Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.9	120.5
131	90.2	63.7	118.3
166	127.4	89.9	167.0



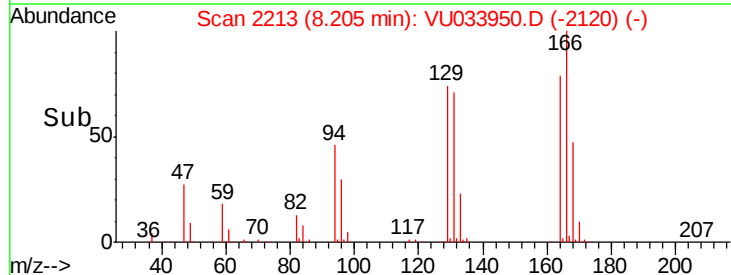
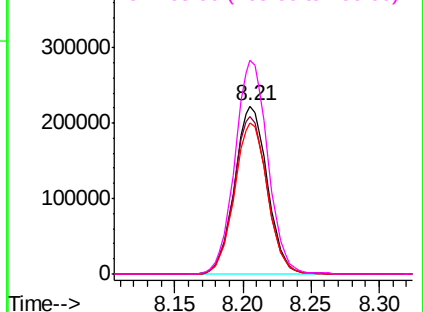
Abundance

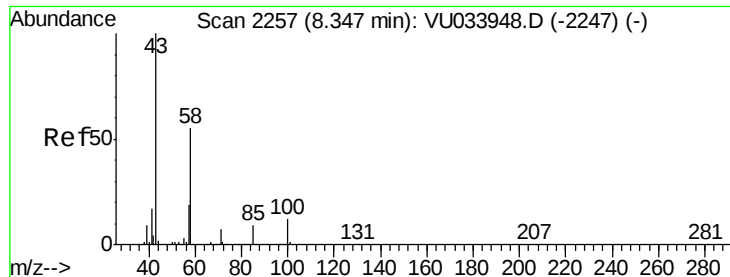
Ion 163.90 (163.60 to 164.60): VU033950.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU033950.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU033950.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU033950.D (-2200) (-)

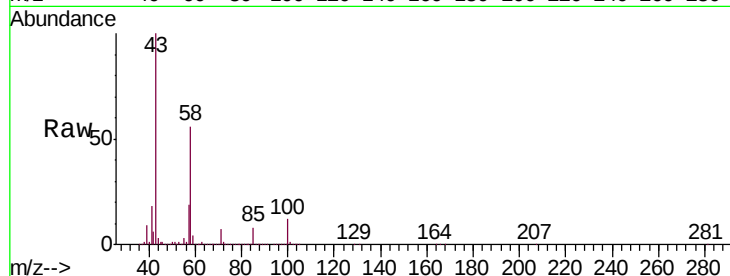




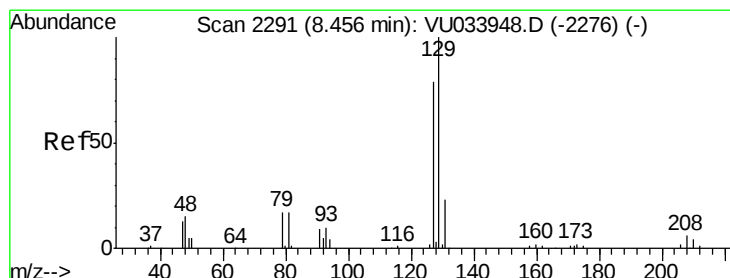
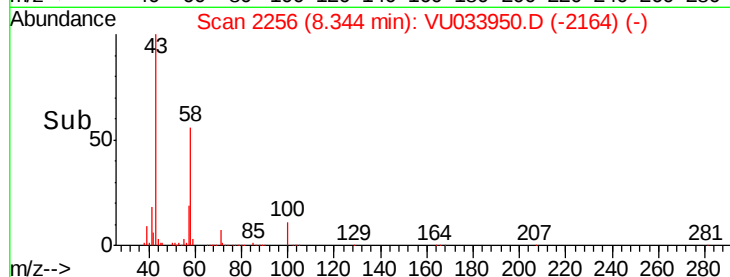
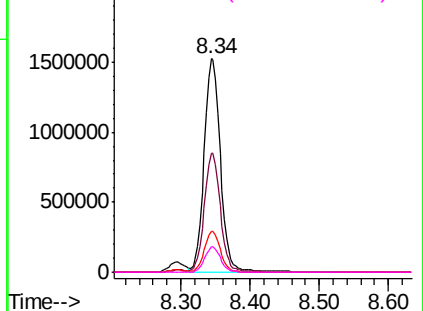
#48
2-Hexanone
Concen: 341.614 ug/L
RT: 8.34 min Scan# 2256
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

Tgt Ion: 43 Resp: 2480528
Ion Ratio Lower Upper
43 100
58 55.0 42.9 64.3
57 18.8 14.8 22.2
100 11.7 9.0 13.6

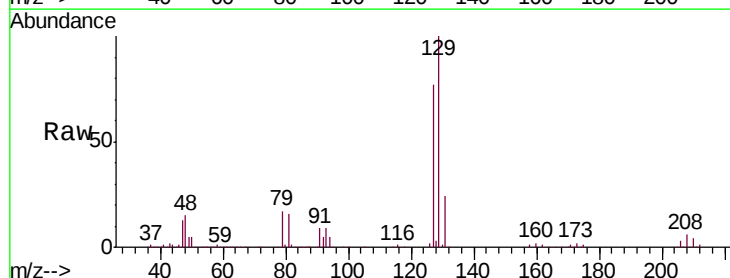


Abundance Ion 43.05 (42.75 to 43.75): VU0
Ion 58.05 (57.75 to 58.75): VU0
Ion 57.20 (56.90 to 57.90): VU0
Ion 100.15 (99.85 to 100.85): VU0

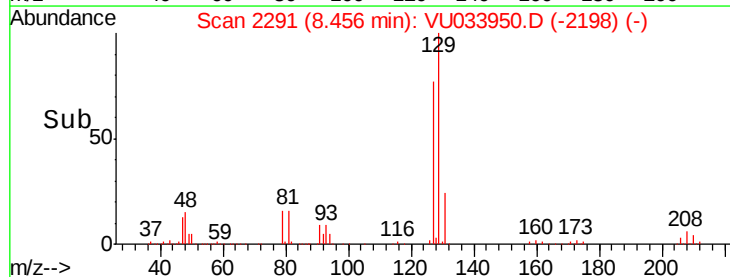
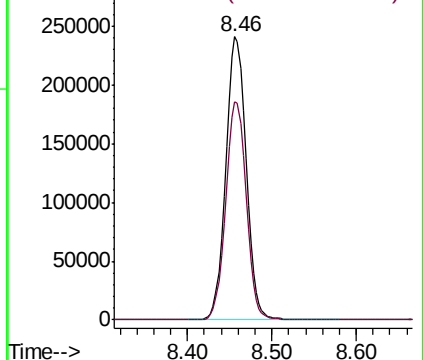


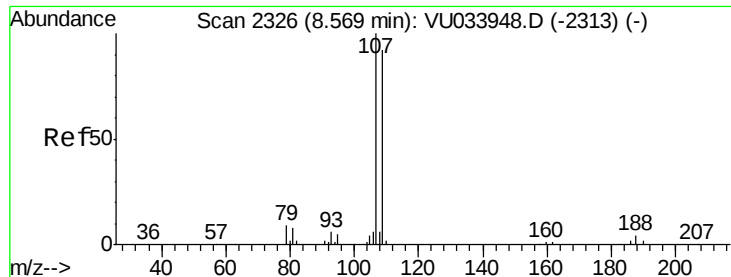
#49
Dibromochloromethane
Concen: 26.216 ug/L
RT: 8.46 min Scan# 2291
Delta R.T. 0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion: 129 Resp: 403595
Ion Ratio Lower Upper
129 100
127 77.2 55.6 103.2



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

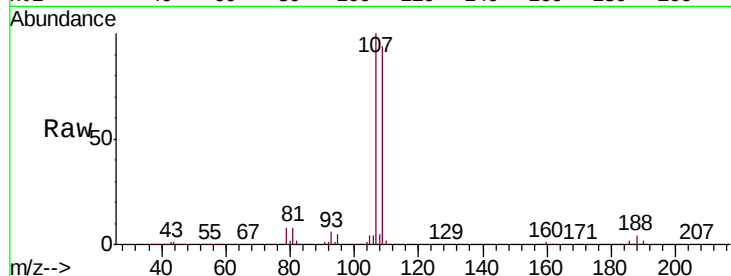




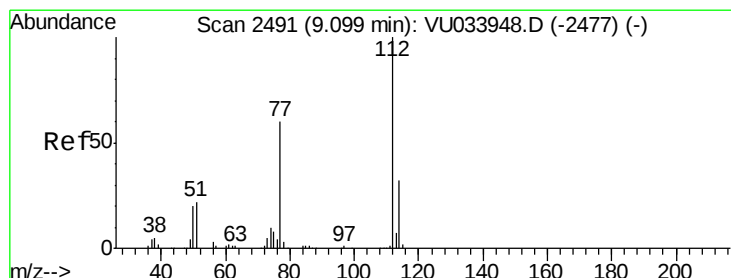
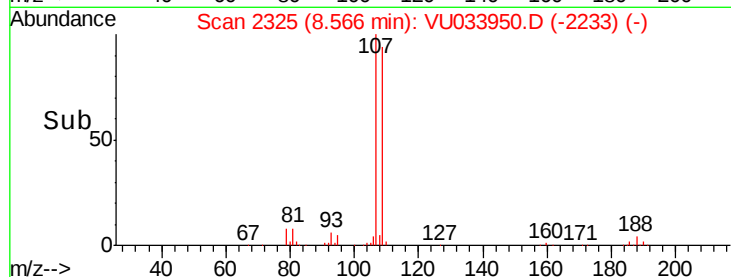
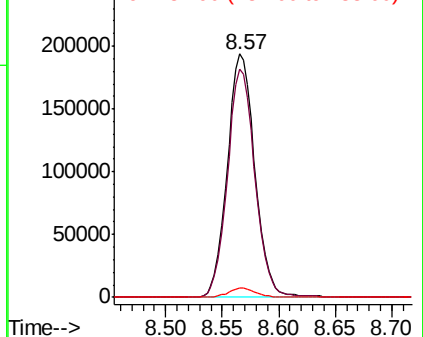
#50
1,2-Dibromoethane
Concen: 27.497 ug/L
RT: 8.57 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

Tgt Ion:107 Resp: 328702
Ion Ratio Lower Upper
107 100
109 93.7 64.7 120.1
188 3.9 3.4 5.2

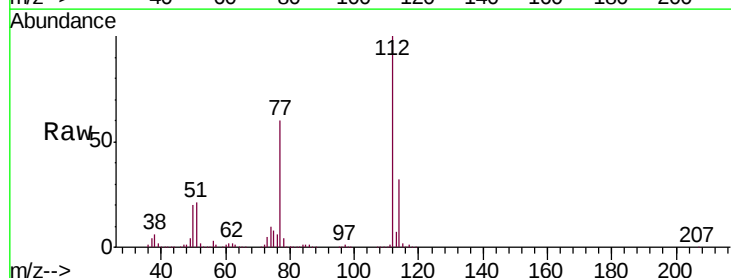


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

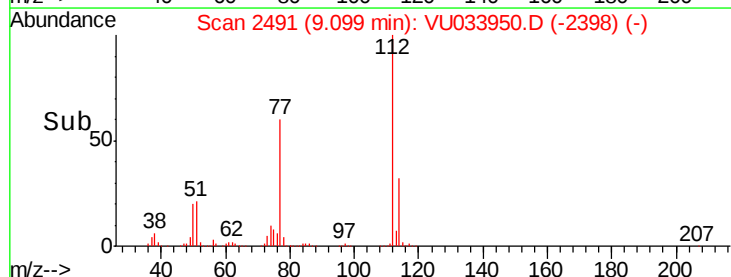
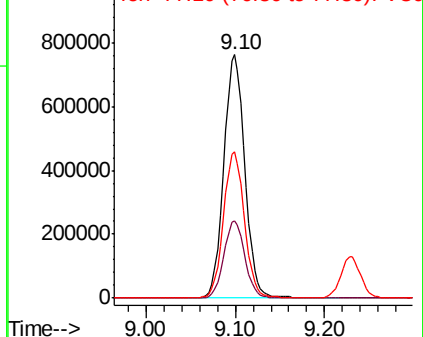


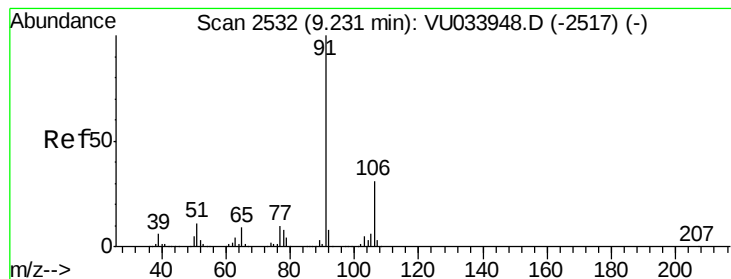
#51
Chlorobenzene
Concen: 27.888 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion:112 Resp: 1242573
Ion Ratio Lower Upper
112 100
114 31.8 22.3 41.5
77 59.9 48.0 72.0



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): V





#52

Ethylbenzene

Concen: 32.170 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

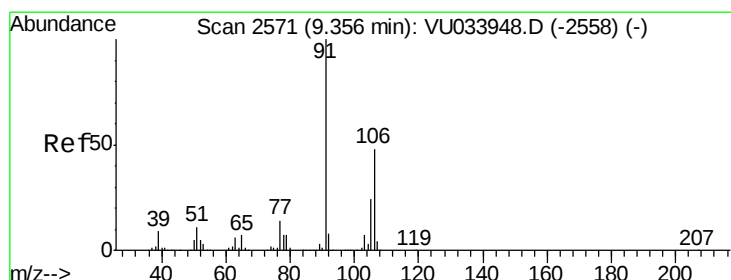
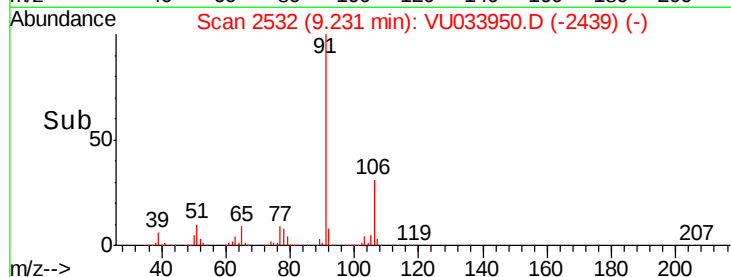
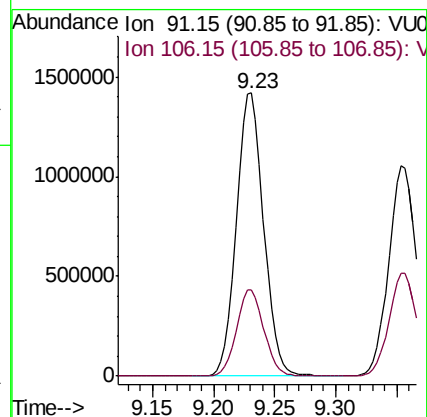
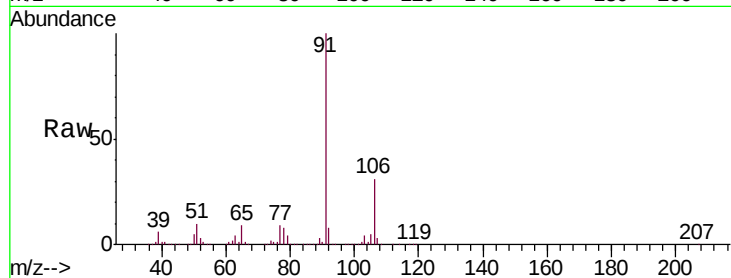
VSTD02004

Tgt Ion: 91 Resp: 2203820

Ion Ratio Lower Upper

91 100

106 30.5 22.0 40.8



#53

m,p-Xylene

Concen: 32.156 ug/L

RT: 9.35 min Scan# 2570

Delta R.T. -0.00 min

Lab File: VU033950.D

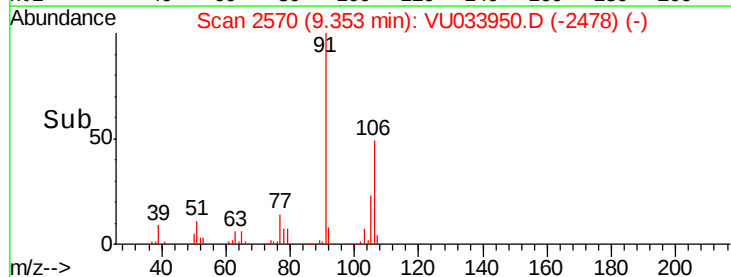
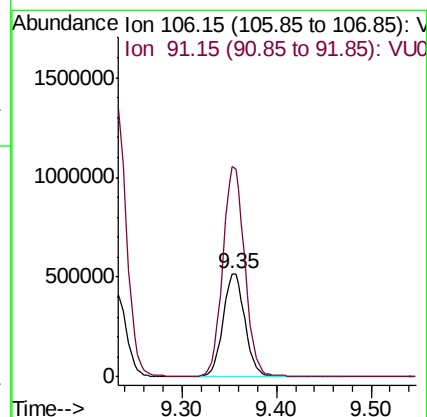
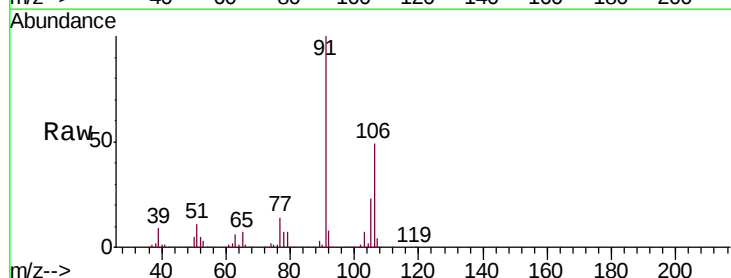
Acq: 26 Aug 2019 12:18

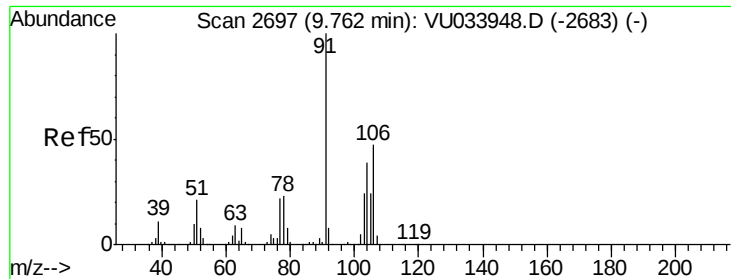
Tgt Ion: 106 Resp: 829617

Ion Ratio Lower Upper

106 100

91 203.9 145.1 269.5

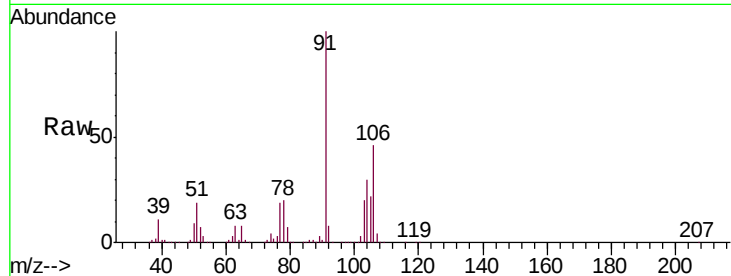




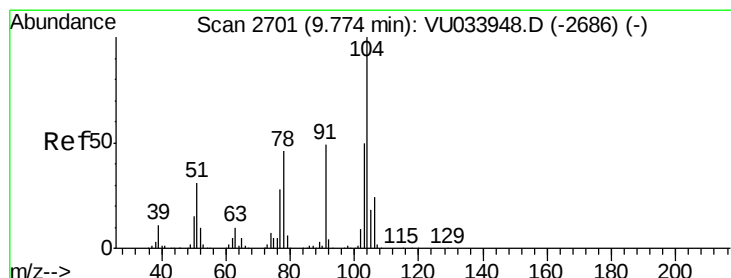
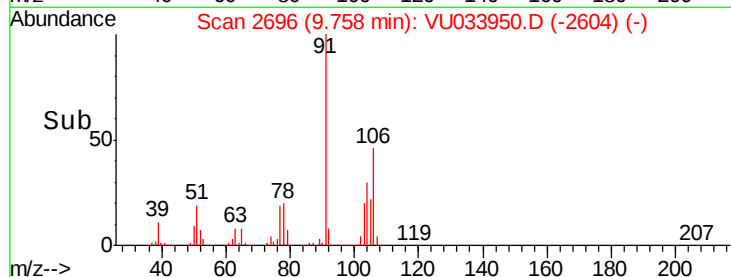
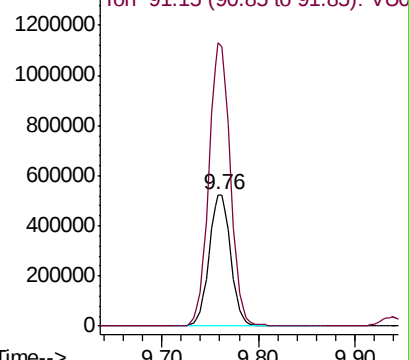
#54
o-Xylene
Concen: 32.763 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD02004

Tgt Ion:106 Resp: 811598
Ion Ratio Lower Upper
106 100
91 215.1 150.6 279.6

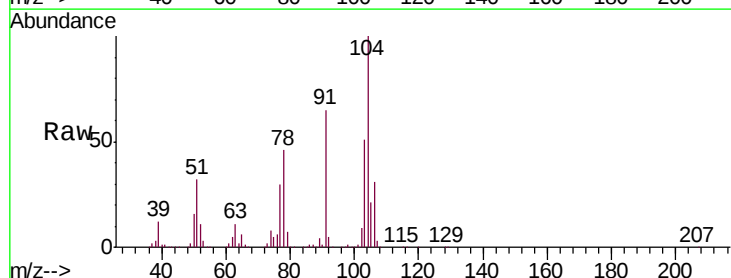


Abundance Ion 106.15 (105.85 to 106.85): V
Ion 91.15 (90.85 to 91.85): VU0

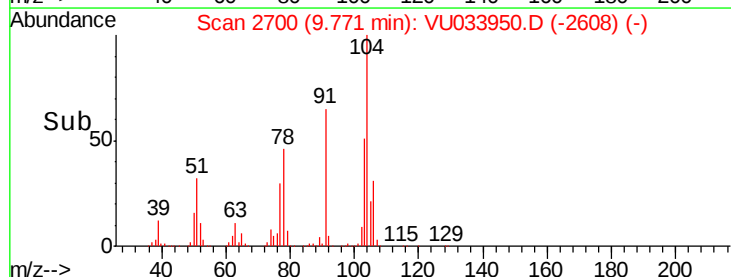
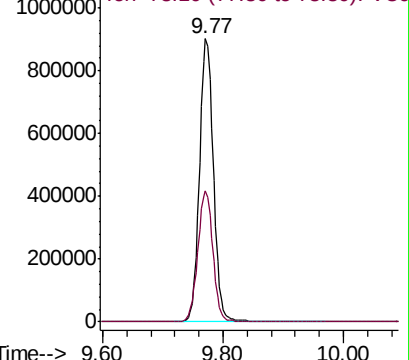


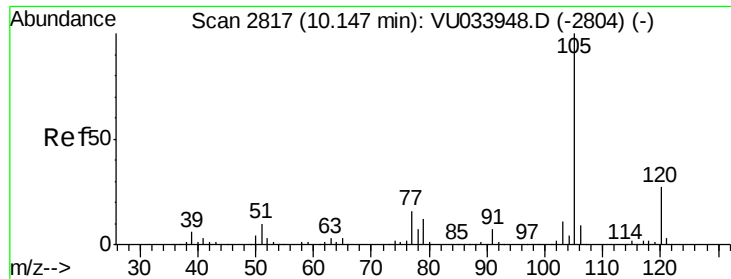
#55
Styrene
Concen: 32.665 ug/L
RT: 9.77 min Scan# 2700
Delta R.T. -0.00 min
Lab File: VU033950.D
Acq: 26 Aug 2019 12:18

Tgt Ion:104 Resp: 1408120
Ion Ratio Lower Upper
104 100
78 46.2 31.9 59.3



Abundance Ion 104.10 (103.80 to 104.80): V
Ion 78.10 (77.80 to 78.80): VU0





#56

Isopropylbenzene

Concen: 33.832 ug/L

RT: 10.15 min Scan# 2817

Delta R.T. 0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

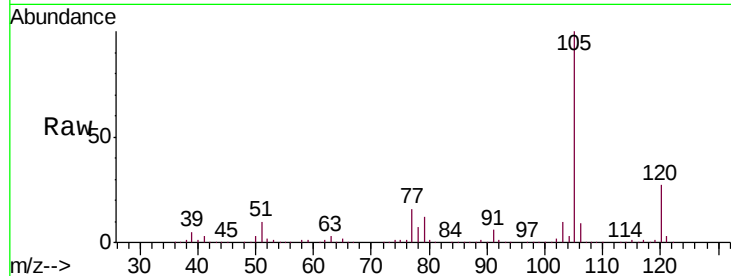
Tgt Ion:105 Resp: 2162158

Ion Ratio Lower Upper

105 100

120 26.1 21.4 32.2

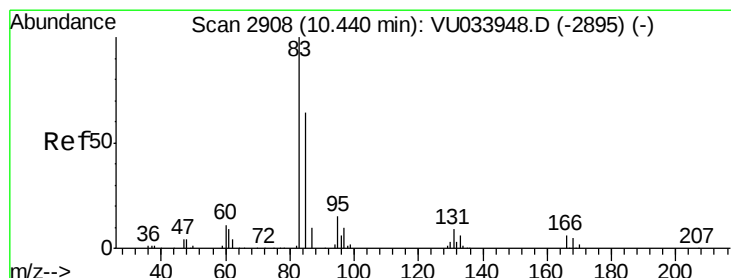
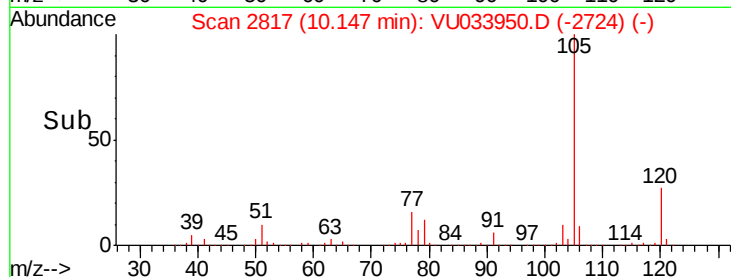
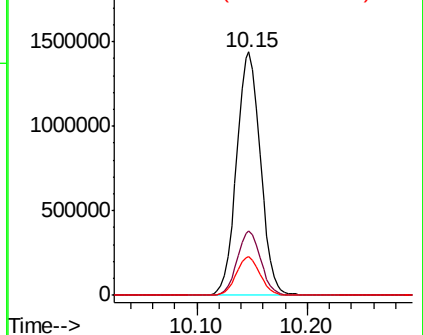
77 15.9 13.3 19.9



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: 28.883 ug/L

RT: 10.44 min Scan# 2907

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

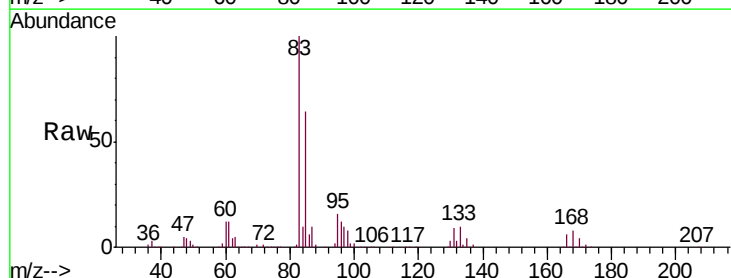
Tgt Ion: 83 Resp: 459437

Ion Ratio Lower Upper

83 100

85 64.2 45.1 83.9

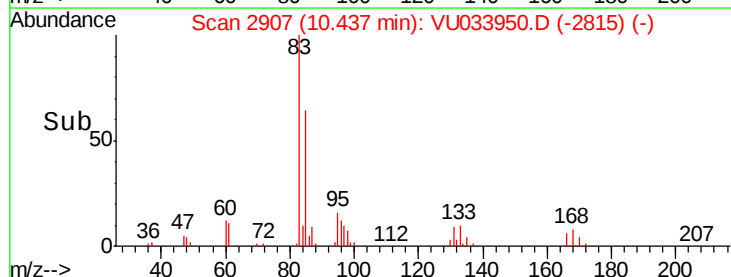
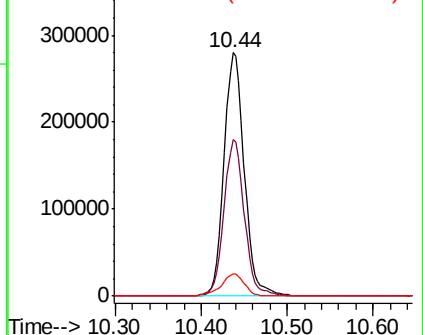
131 9.2 7.8 11.8

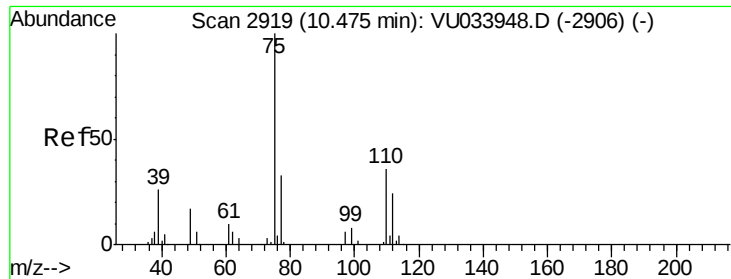


Abundance Ion 82.95 (82.65 to 83.65): VU0

Ion 85.00 (84.70 to 85.70): VU0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 28.817 ug/L

RT: 10.48 min Scan# 2919

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

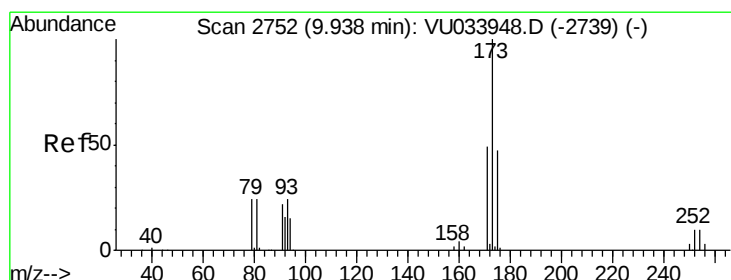
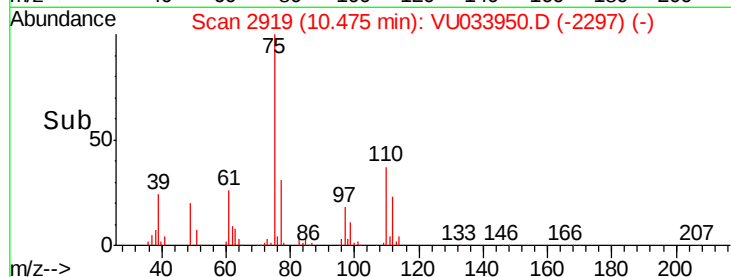
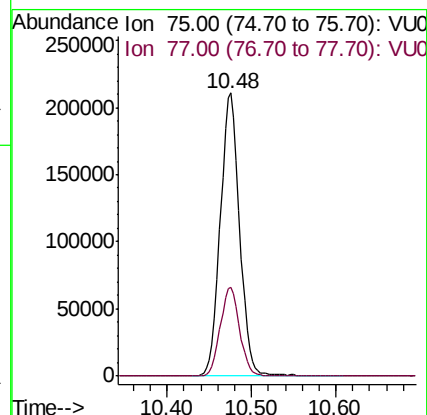
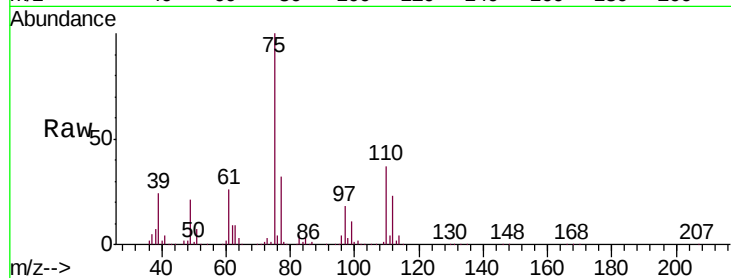
VSTD02004

Tgt Ion: 75 Resp: 334294

Ion Ratio Lower Upper

75 100

77 31.5 24.9 37.3



#61

Bromoform

Concen: 26.206 ug/L

RT: 9.94 min Scan# 2752

Delta R.T. -0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

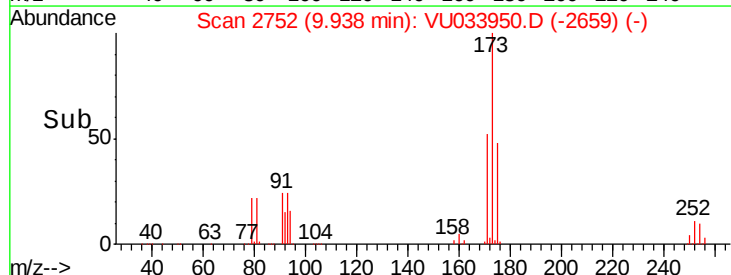
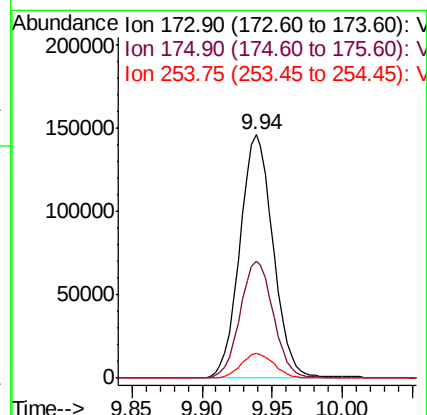
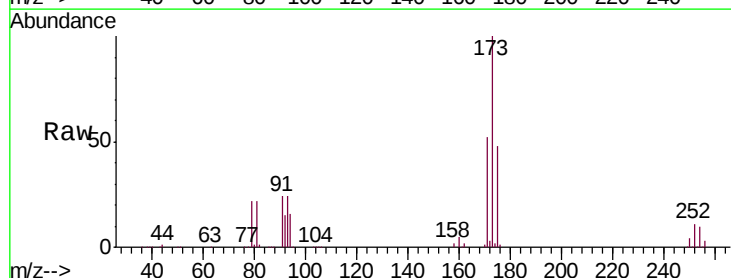
Tgt Ion: 173 Resp: 242633

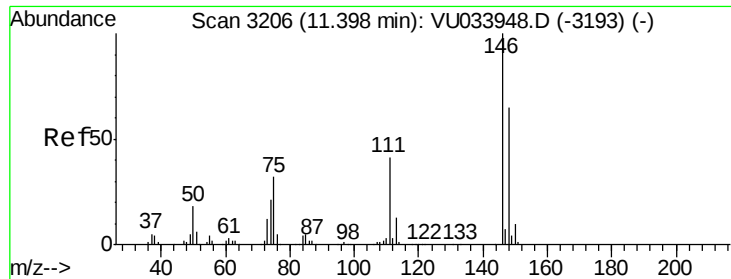
Ion Ratio Lower Upper

173 100

175 48.1 38.2 57.2

254 10.2 8.4 12.6

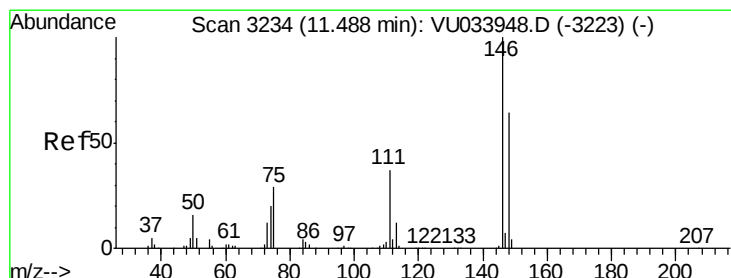
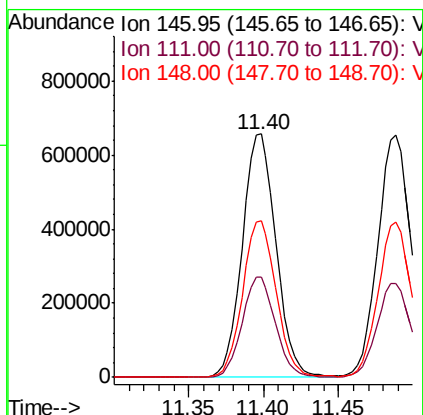
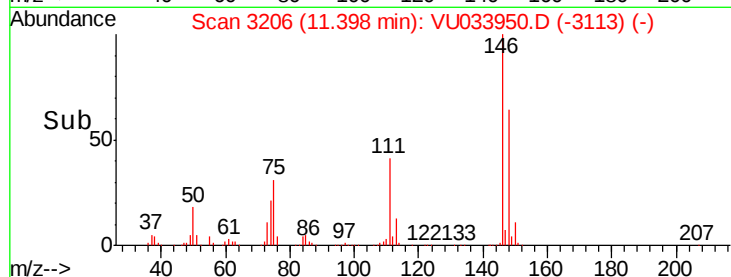
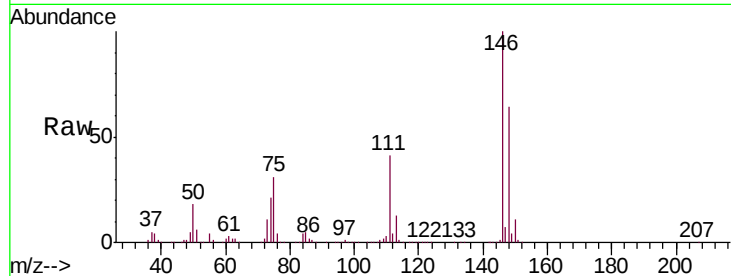




#62
 1,3-Dichlorobenzene
 Concen: 27.604 ug/L
 RT: 11.40 min Scan# 3206
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

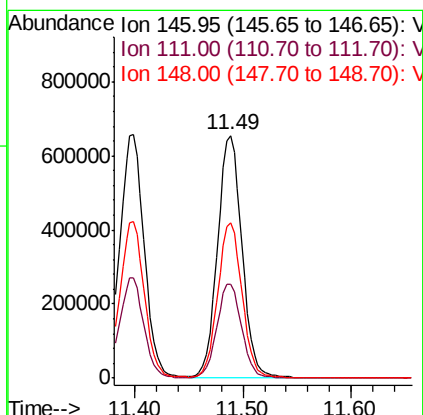
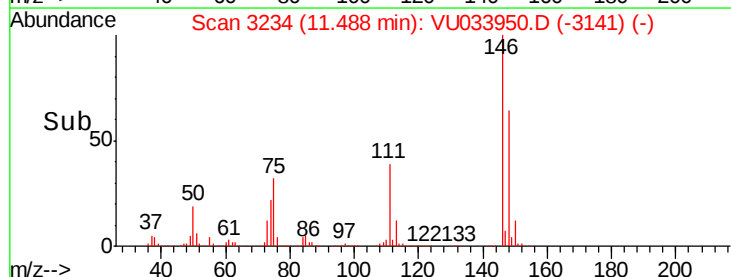
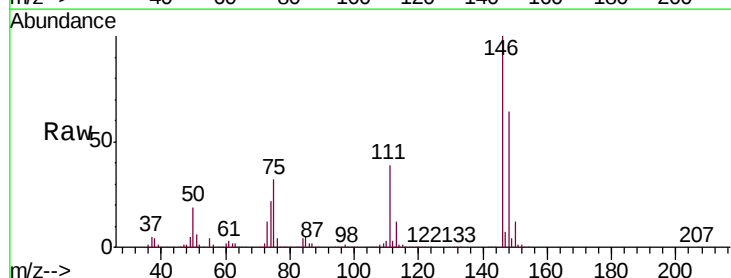
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

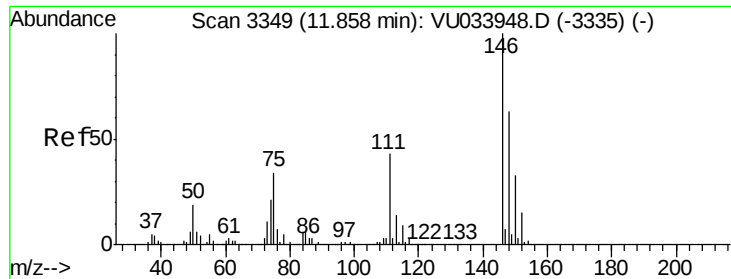
Tgt Ion:146 Resp: 1031562
 Ion Ratio Lower Upper
 146 100
 111 40.9 28.8 53.6
 148 64.4 45.4 84.4



#63
 1,4-Dichlorobenzene
 Concen: 26.727 ug/L
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion:146 Resp: 1029147
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.5 49.1
 148 64.1 44.7 82.9

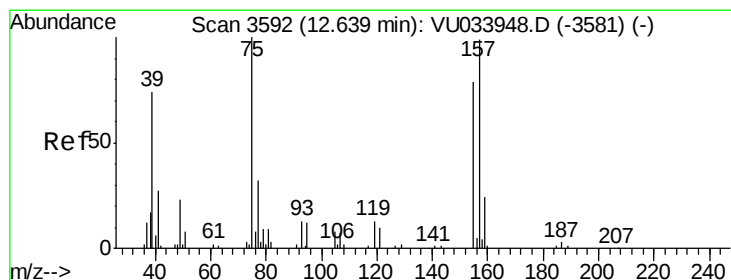
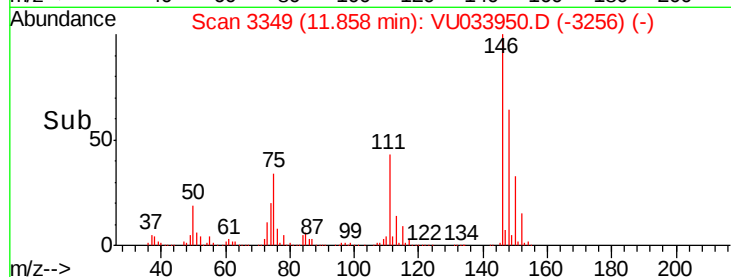
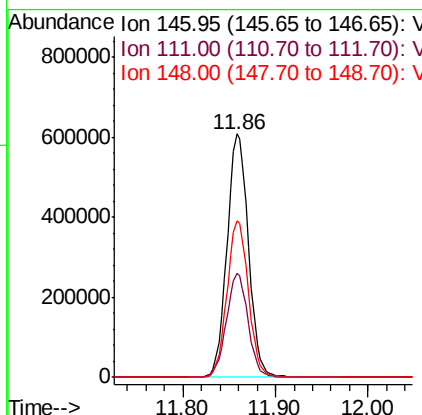
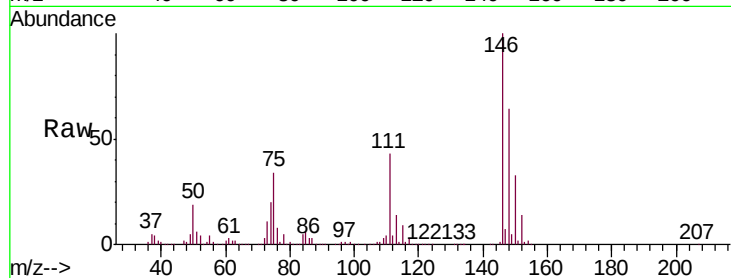




#65
 1,2-Dichlorobenzene
 Concen: 26.982 ug/L
 RT: 11.86 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

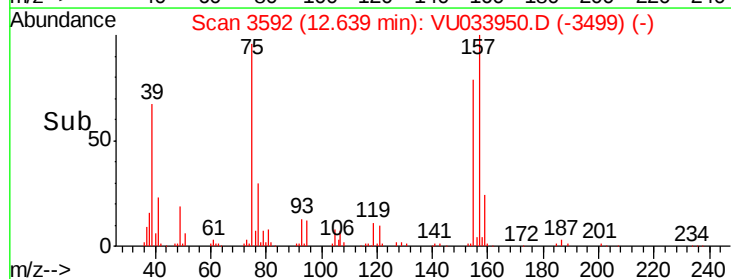
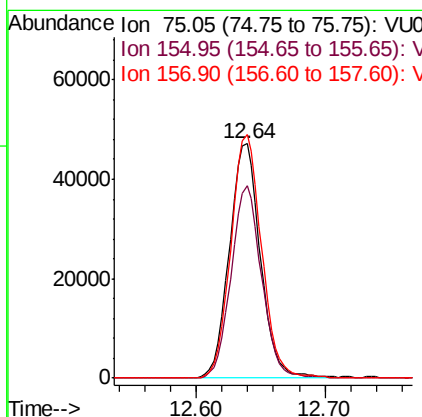
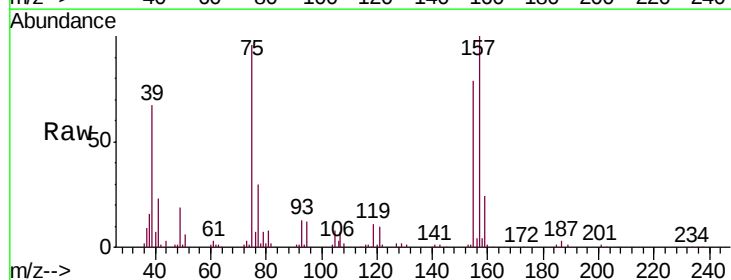
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

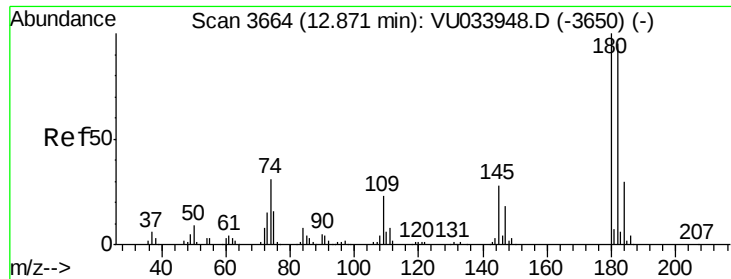
Tgt Ion: 146 Resp: 973240
 Ion Ratio Lower Upper
 146 100
 111 42.6 34.3 51.5
 148 64.2 50.5 75.7



#66
 1,2-Dibromo-3-chloropropane
 Concen: 30.297 ug/L
 RT: 12.64 min Scan# 3592
 Delta R.T. -0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion: 75 Resp: 78649
 Ion Ratio Lower Upper
 75 100
 155 82.0 63.0 94.4
 157 104.0 79.4 119.0

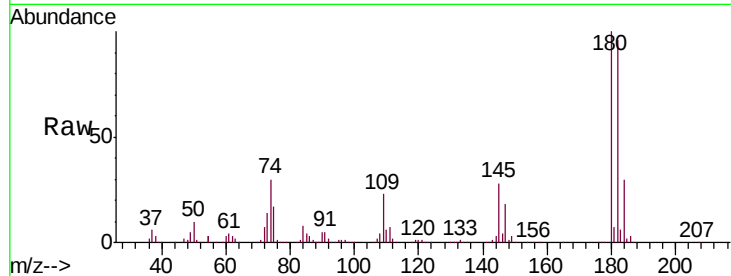




#67
 1,3,5-Trichlorobenzene
 Concen: 29.210 ug/L
 RT: 12.87 min Scan# 3664
 Delta R.T. 0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02004

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	76.9	115.3
184	30.3	24.0	36.0
145	28.5	22.6	34.0



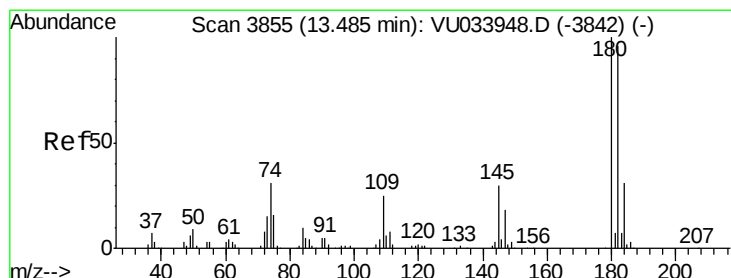
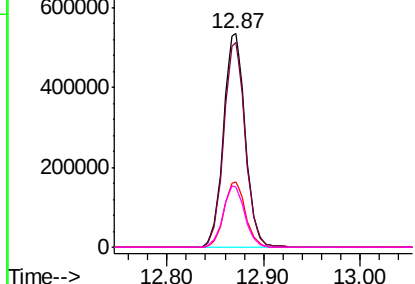
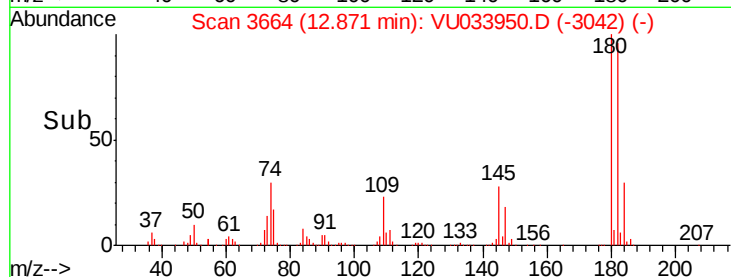
Abundance

Ion 180.00 (179.70 to 180.70): V

Ion 182.00 (181.70 to 182.70): V

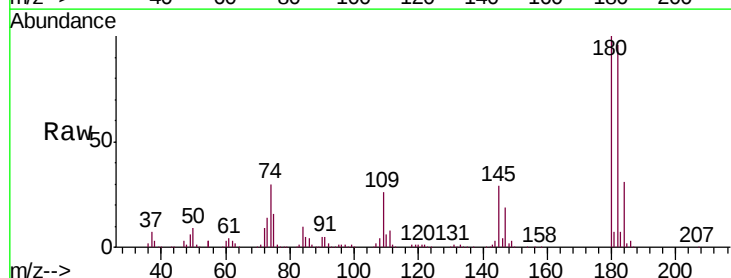
Ion 184.00 (183.70 to 184.70): V

Ion 145.00 (144.70 to 145.70): V



#68
 1,2,4-trichlorobenzene
 Concen: 33.617 ug/L
 RT: 13.48 min Scan# 3855
 Delta R.T. 0.00 min
 Lab File: VU033950.D
 Acq: 26 Aug 2019 12:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	76.4	114.6
145	29.1	23.4	35.2

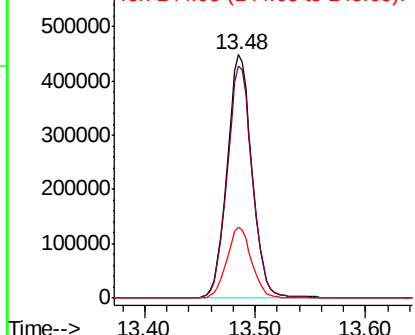
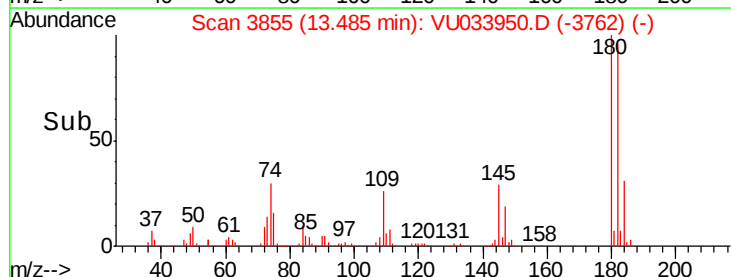


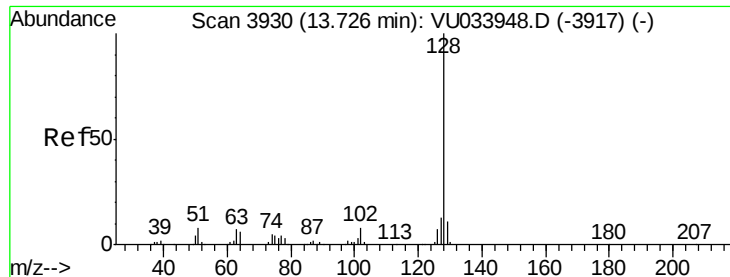
Abundance

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: 41.070 ug/L

RT: 13.73 min Scan# 3930

Delta R.T. 0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD02004

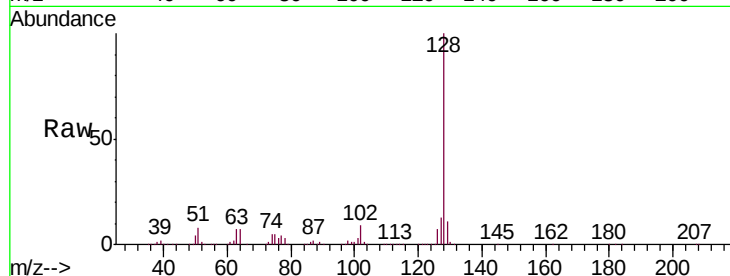
Tgt Ion:128 Resp: 1277471

Ion Ratio Lower Upper

128 100

129 10.7 8.6 12.8

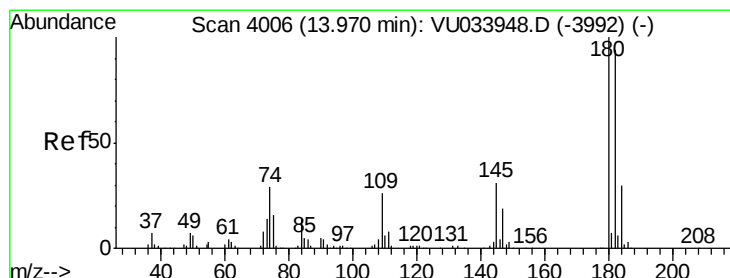
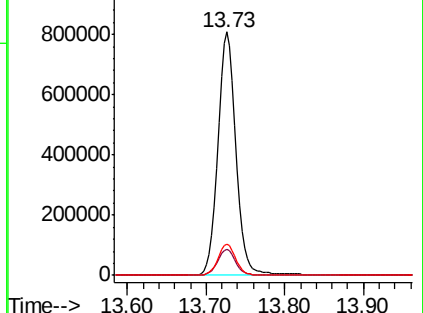
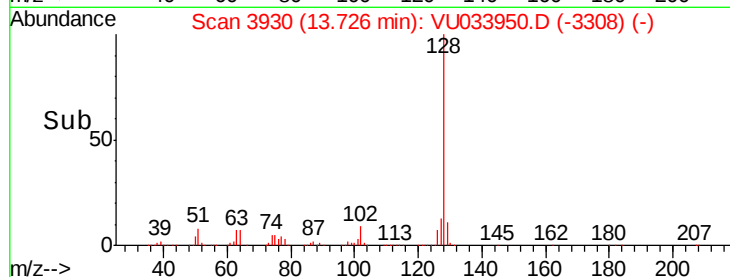
127 12.8 10.3 15.5



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: 32.959 ug/L

RT: 13.97 min Scan# 4006

Delta R.T. 0.00 min

Lab File: VU033950.D

Acq: 26 Aug 2019 12:18

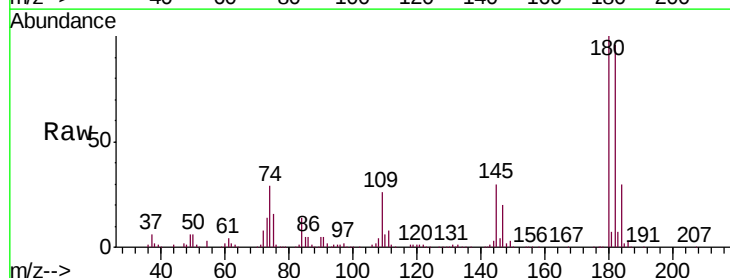
Tgt Ion:180 Resp: 658988

Ion Ratio Lower Upper

180 100

182 95.4 78.6 117.8

145 30.4 24.7 37.1



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

