

Data File : VU034950.D
Acq On : 07 Oct 2019 10:18
Operator : JC/SP
Sample : VSTD00106
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

Quant Time: Oct 09 01:54:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 09 01:50:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	192283	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	191743	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89301	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	10698	0.61	ug/L	0.00
7) Chloroethane-d5	1.67	69	9762	0.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	22614	0.66	ug/L	0.00
20) 2-Butanone-d5	4.19	46	28949	8.26	ug/L	0.00
24) Chloroform-d	4.62	84	20092	0.76	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	12330	0.84	ug/L	0.00
32) Benzene-d6	5.32	84	42243	0.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	14196	0.87	ug/L	0.00
41) Toluene-d8	7.55	98	39517	0.82	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.84	79	4607	0.72	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	20680	7.63	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	11739	0.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	14866	0.89	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	16740	1.020 ug/L	98
3) Chloromethane	1.32	50	18260	0.968 ug/L	99
5) Vinyl chloride	1.40	62	17866	0.894 ug/L	100
6) Bromomethane	1.62	94	9037	0.731 ug/L	88
8) Chloroethane	1.69	64	10128	0.792 ug/L	89
9) Trichlorofluoromethane	1.88	101	21218	0.764 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	12691	0.822 ug/L	98
12) 1,1-Dichloroethene	2.27	96	11707	0.783 ug/L	94
13) Acetone	2.32	43	24280	7.965 ug/L	97
14) Carbon disulfide	2.47	76	37723	0.779 ug/L	96
15) Methyl Acetate	2.61	43	6639	0.875 ug/L	93
16) Methylene chloride	2.68	84	15740	0.866 ug/L	98
17) Methyl tert-butyl Ether	2.99	73	31639	0.809 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	12746	0.775 ug/L	98
19) 1,1-Dichloroethane	3.42	63	24474	0.945 ug/L	92
21) 2-Butanone	4.28	43	31634	8.656 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	13668	0.945 ug/L	92
23) Bromochloromethane	4.53	128	5776	0.907 ug/L	97
25) Chloroform	4.65	83	29239	1.012 ug/L	98
27) 1,2-Dichloroethane	5.39	62	16041	0.951 ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	19918	0.915 ug/L	99
30) Cyclohexane	4.97	56	20996	1.023 ug/L	99
31) Carbon tetrachloride	5.11	117	17169	0.898 ug/L	100
33) Benzene	5.37	78	53144	0.978 ug/L	100
34) Trichloroethene	6.17	95	13324	0.927 ug/L	95
35) Methylcyclohexane	6.39	83	21380	0.973 ug/L	98
37) 1,2-Dichloropropane	6.41	63	14398	0.979 ug/L	98
38) Bromodichloromethane	6.74	83	16604	0.899 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	17953	0.862 ug/L	100
40) 4-Methyl-2-pentanone	7.45	43	82479	9.675 ug/L	97

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QLast Update : Wed Oct 09 01:50:37 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	53779	0.924	ug/L	95
44) trans-1,3-Dichloropropene	7.87	75	12821	0.770	ug/L	94
45) 1,1,2-Trichloroethane	8.05	97	9789	0.942	ug/L	98
47) Tetrachloroethene	8.21	164	10884	0.943	ug/L	98
48) 2-Hexanone	8.35	43	50366	8.163	ug/L	99
49) Dibromochloromethane	8.46	129	10223	0.824	ug/L	96
50) 1,2-Dibromoethane	8.57	107	8617	0.870	ug/L	98
51) Chlorobenzene	9.10	112	35834	0.942	ug/L	94
52) Ethylbenzene	9.23	91	58153	0.930	ug/L	98
53) m,p-Xylene	9.36	106	20573	0.878	ug/L	94
54) o-Xylene	9.76	106	21094	0.940	ug/L	98
55) Styrene	9.77	104	32449	0.840	ug/L	94
56) Isopropylbenzene	10.14	105	54905	0.917	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	12579	0.941	ug/L	96
59) 1,2,3-Trichloropropane	10.48	75	9343	0.981	ug/L	99
61) Bromoform	9.94	173	5418	0.904	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	25869	0.971	ug/L	98
63) 1,4-Dichlorobenzene	11.49	146	25524	0.918	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	25033	0.950	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	1221	0.625	ug/L	85
67) 1,3,5-Trichlorobenzene	12.87	180	16765	0.818	ug/L	98
68) 1,2,4-trichlorobenzene	13.49	180	8597	0.529	ug/L	86
69) Naphthalene	13.74	128	9009	0.333	ug/L #	92
70) 1,2,3-Trichlorobenzene	13.98	180	8808	0.576	ug/L	97

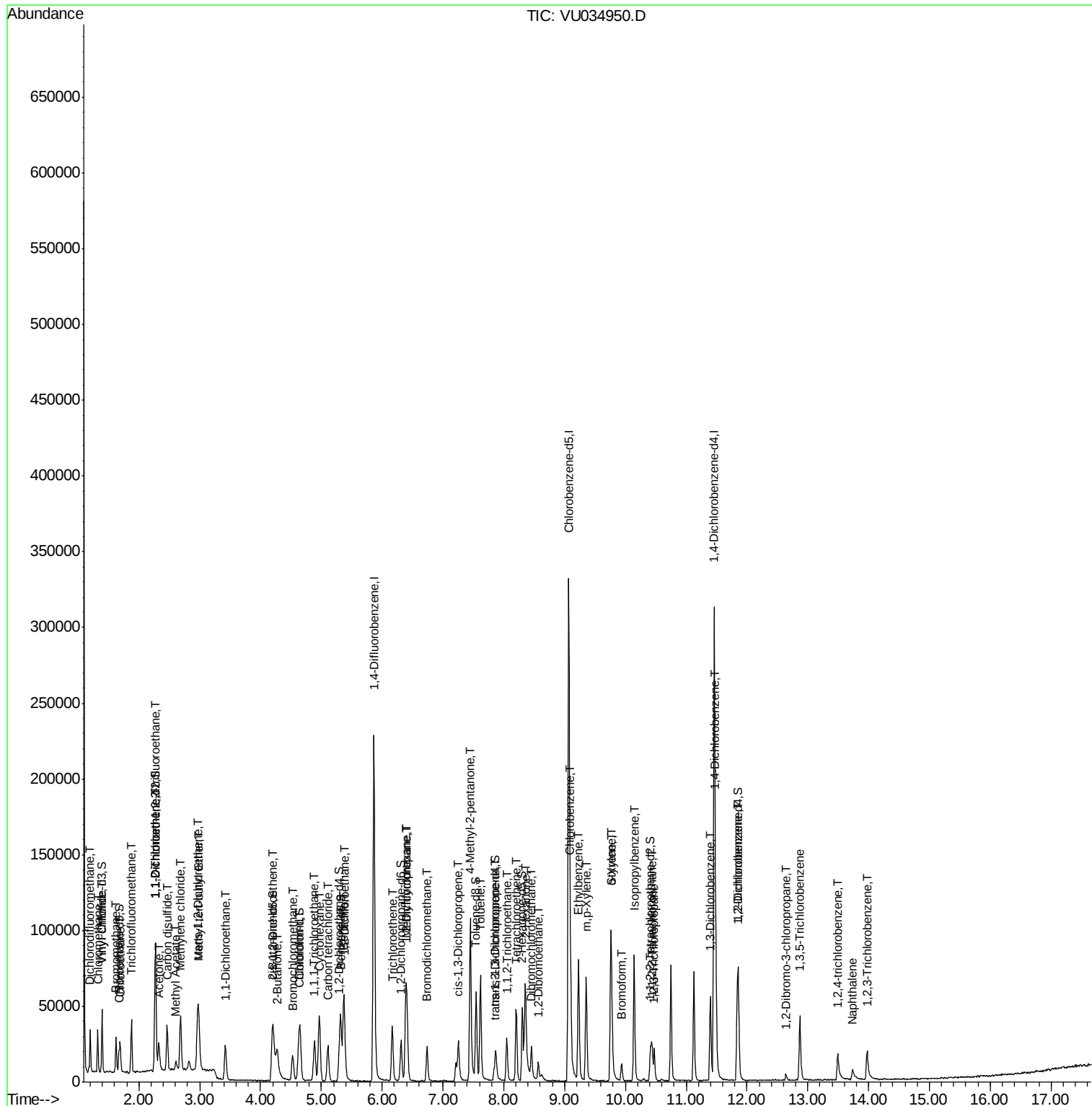
(#) = qualifier out of range (m) = manual integration (+) = signals summed

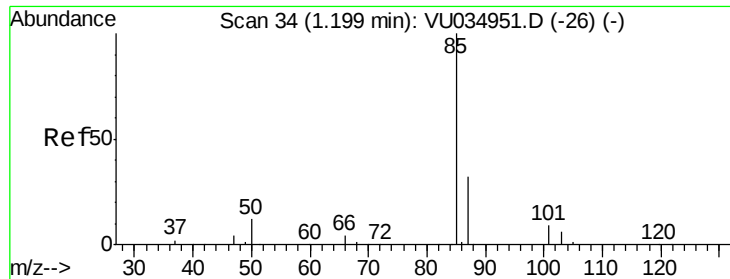
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#2

Dichlorodifluoromethane

Concen: 1.020 ug/L

RT: 1.20 min Scan# 34

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

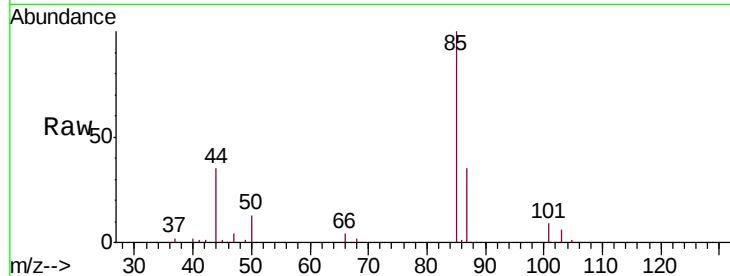
VSTD00106

Tgt Ion: 85 Resp: 16740

Ion Ratio Lower Upper

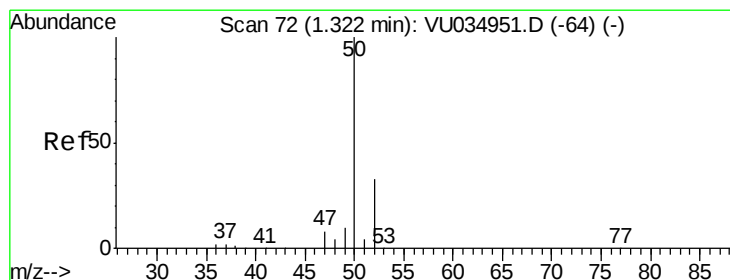
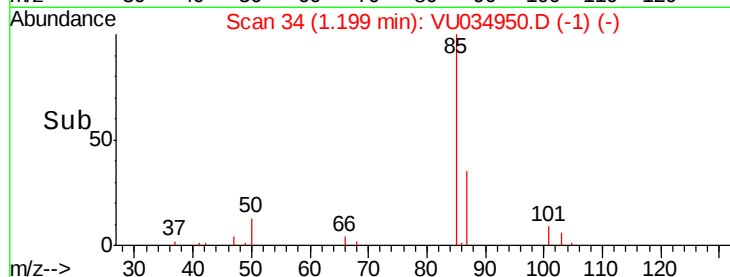
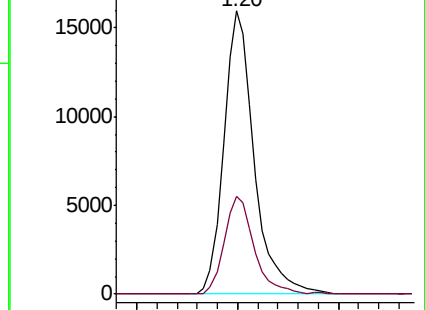
85 100

87 33.7 25.9 38.9



Abundance Ion 85.00 (84.70 to 85.70): VU034950.D (-1) (-)

Ion 87.00 (86.70 to 87.70): VU034950.D (-1) (-)



#3

Chloromethane

Concen: 0.968 ug/L

RT: 1.32 min Scan# 72

Delta R.T. -0.00 min

Lab File: VU034950.D

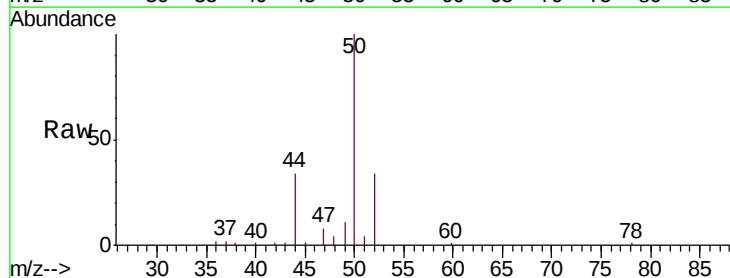
Acq: 07 Oct 2019 10:18

Tgt Ion: 50 Resp: 18260

Ion Ratio Lower Upper

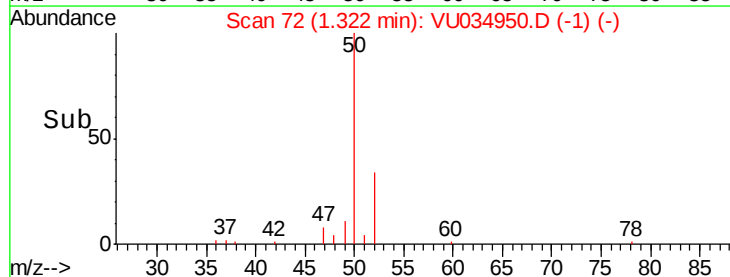
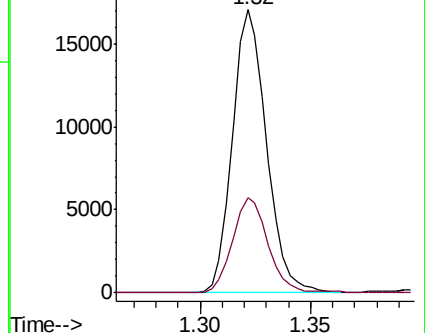
50 100

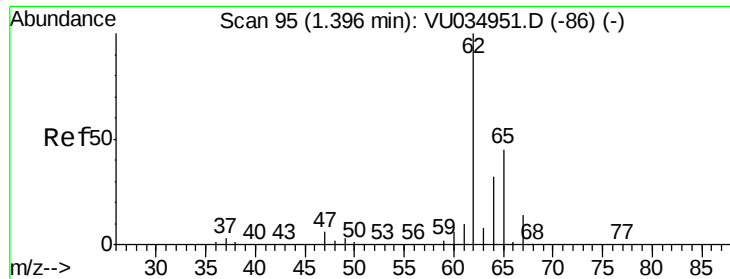
52 33.5 23.0 42.6



Abundance Ion 50.05 (49.75 to 50.75): VU034950.D (-1) (-)

Ion 52.05 (51.75 to 52.75): VU034950.D (-1) (-)





#5

Vinyl chloride

Concen: 0.894 ug/L

RT: 1.40 min Scan# 95

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

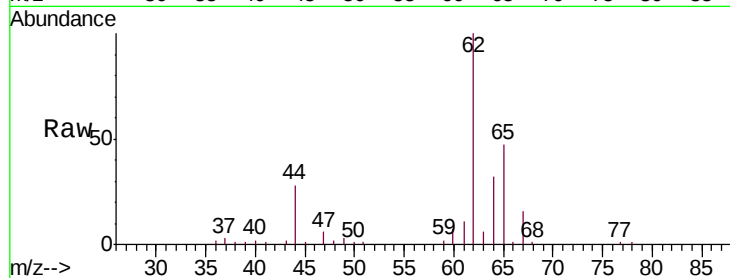
VSTD00106

Tgt Ion: 62 Resp: 17866

Ion Ratio Lower Upper

62 100

64 31.6 22.3 41.5



Abundance Ion 62.00 (61.70 to 62.70): VU034950.D (-86) (-)

Ion 64.10 (63.80 to 64.80): VU034950.D (-86) (-)

20000

15000

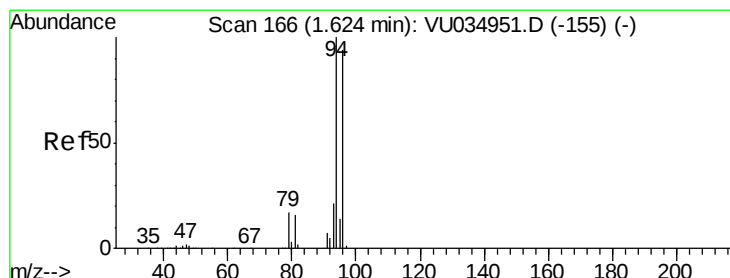
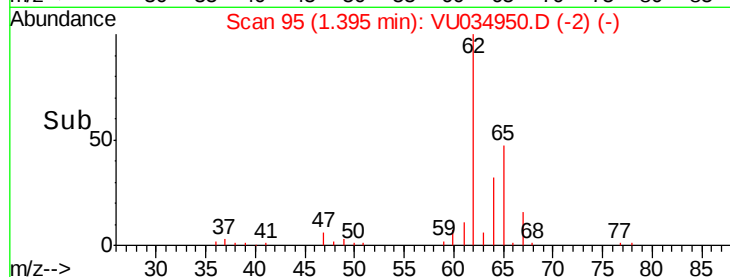
10000

5000

0

Time-->

1.35 1.40 1.45



#6

Bromomethane

Concen: 0.731 ug/L

RT: 1.62 min Scan# 166

Delta R.T. -0.00 min

Lab File: VU034950.D

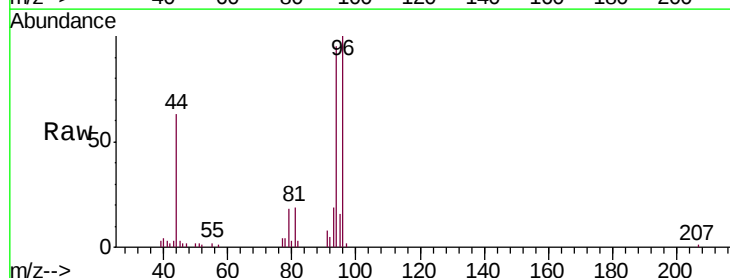
Acq: 07 Oct 2019 10:18

Tgt Ion: 94 Resp: 9037

Ion Ratio Lower Upper

94 100

96 105.1 65.6 121.8



Abundance Ion 94.00 (93.70 to 94.70): VU034950.D (-155) (-)

Ion 96.00 (95.70 to 96.70): VU034950.D (-155) (-)

8000

6000

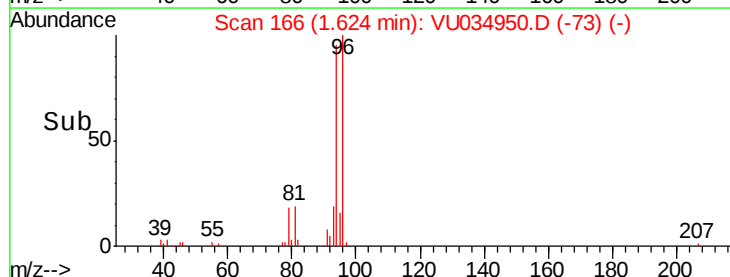
4000

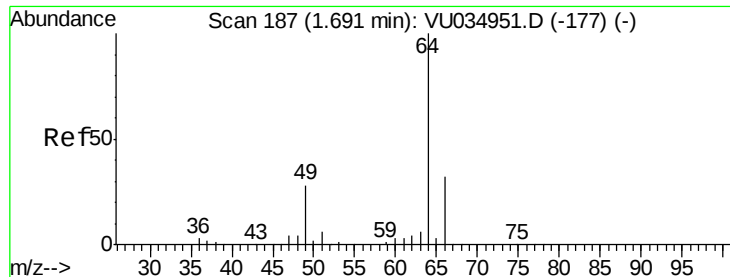
2000

0

Time-->

1.60 1.65





#8

Chloroethane

Concen: 0.792 ug/L

RT: 1.69 min Scan# 187

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

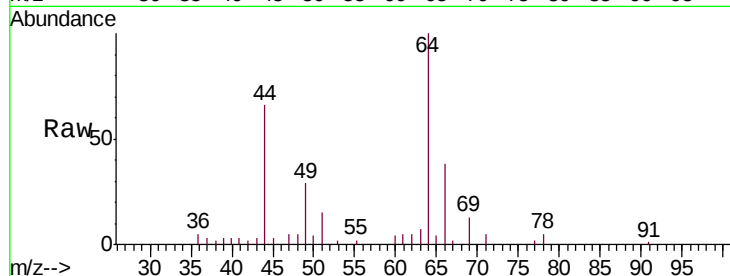
VSTD00106

Tgt Ion: 64 Resp: 10128

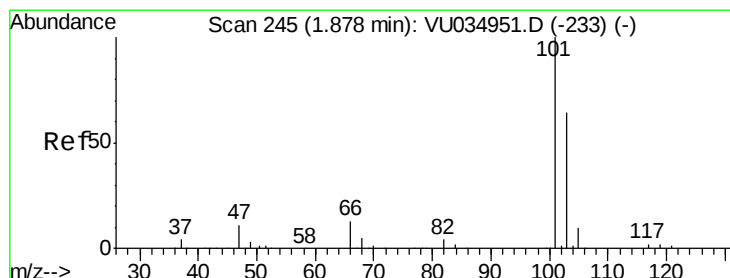
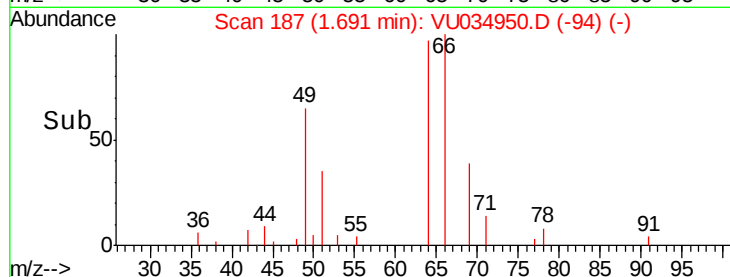
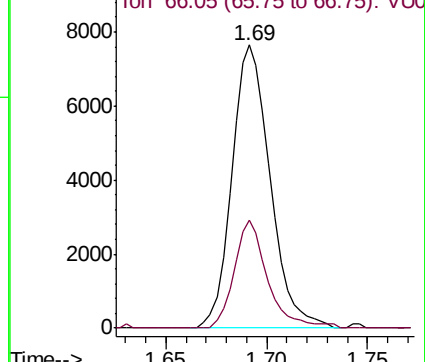
Ion Ratio Lower Upper

64 100

66 38.2 22.4 41.6



Abundance Ion 64.10 (63.80 to 64.80): VU034950.D (-177) (-)



#9

Trichlorofluoromethane

Concen: 0.764 ug/L

RT: 1.88 min Scan# 245

Delta R.T. -0.00 min

Lab File: VU034950.D

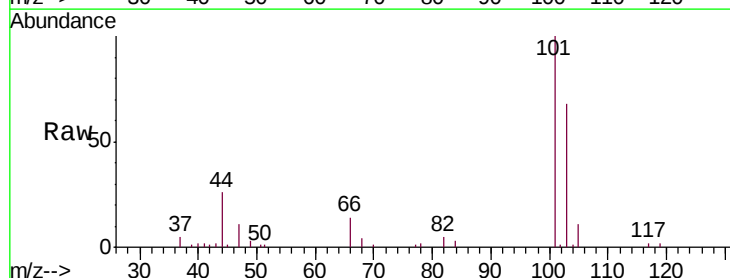
Acq: 07 Oct 2019 10:18

Tgt Ion: 101 Resp: 21218

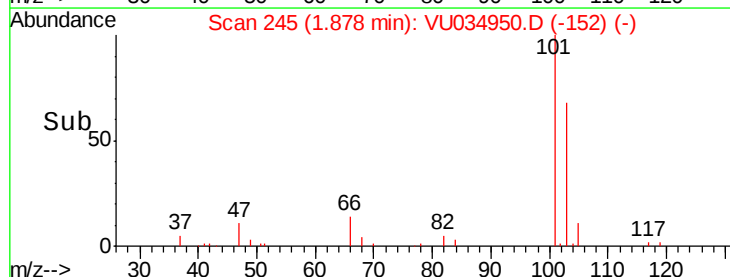
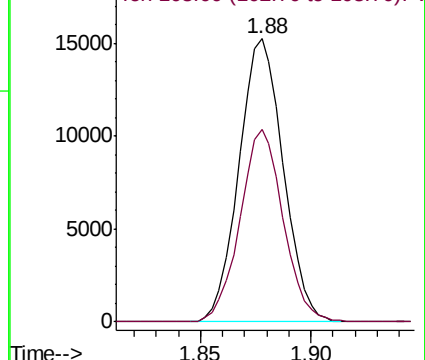
Ion Ratio Lower Upper

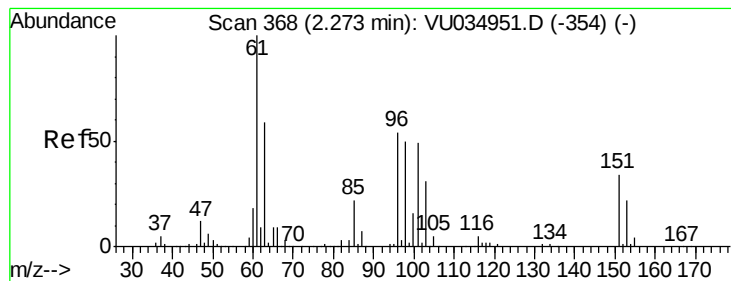
101 100

103 66.3 51.2 76.8



Abundance Ion 101.00 (100.70 to 101.70): VU034950.D (-233) (-)





#10

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

Concen: 0.822 ug/L

RT: 2.28 min Scan# 369

Delta R.T. 0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

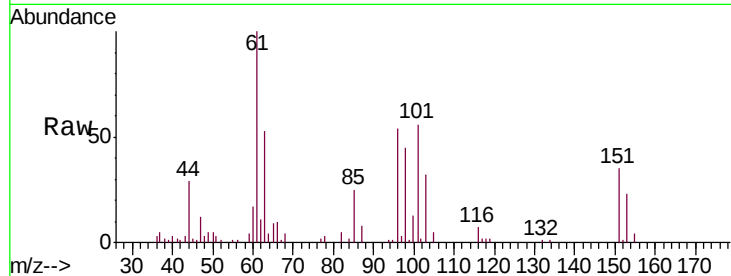
Tgt Ion:101 Resp: 12691

Ion Ratio Lower Upper

101 100

85 46.0 36.7 55.1

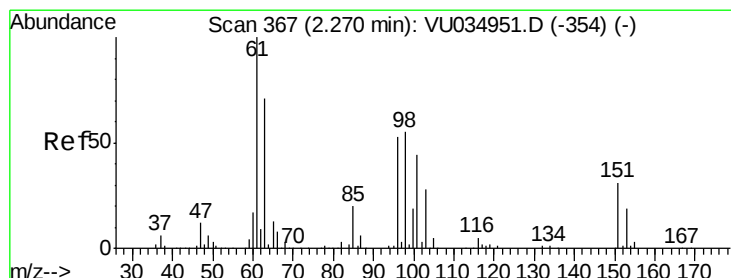
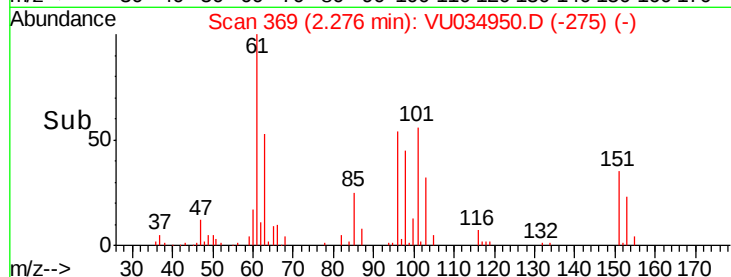
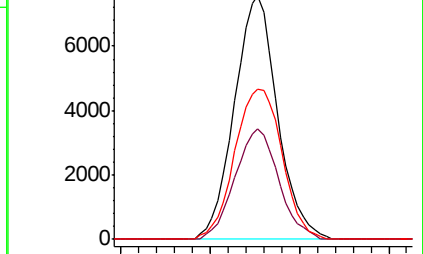
151 67.9 56.9 85.3



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.783 ug/L

RT: 2.27 min Scan# 368

Delta R.T. 0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

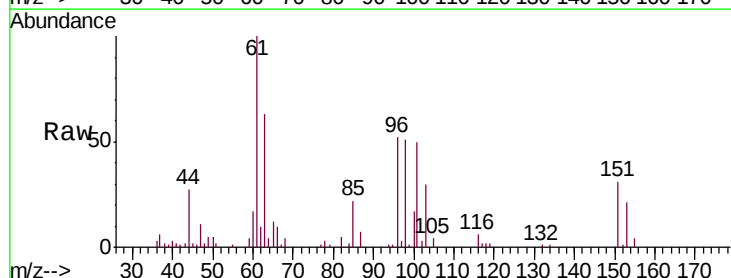
Tgt Ion: 96 Resp: 11707

Ion Ratio Lower Upper

96 100

61 193.2 132.6 246.2

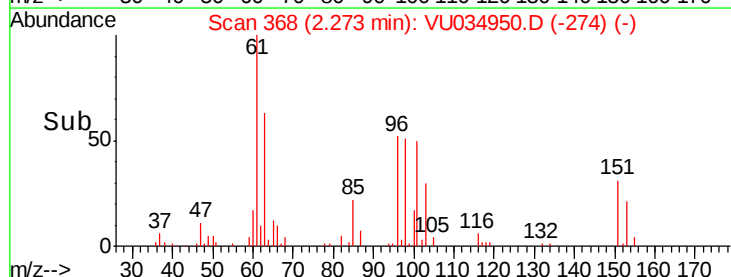
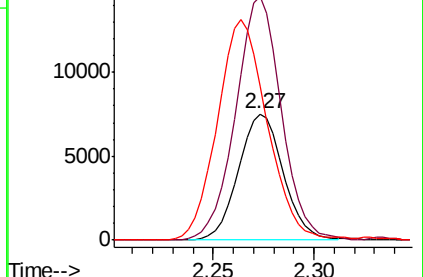
63 121.7 94.3 175.1

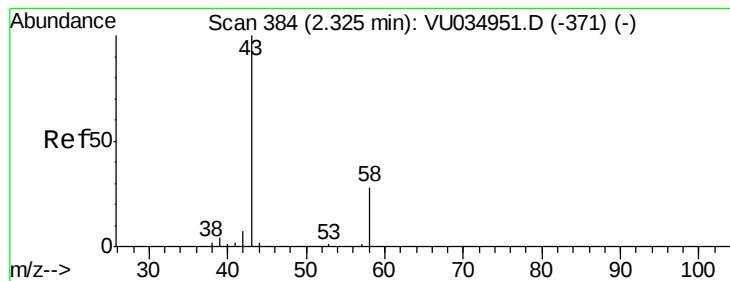


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 63.00 (62.70 to 63.70): VU0





#13

Acetone

Concen: 7.965 ug/L

RT: 2.32 min Scan# 384

Delta R.T. -0.00 min

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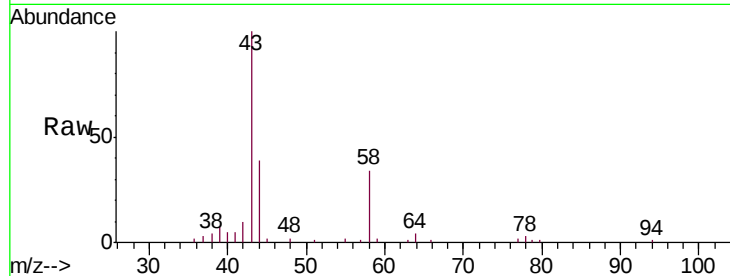
VSTD00106

Tgt Ion: 43 Resp: 24280

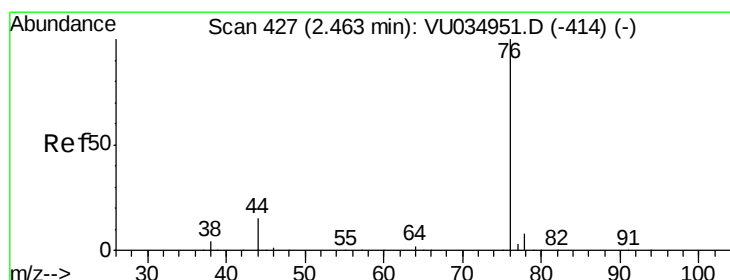
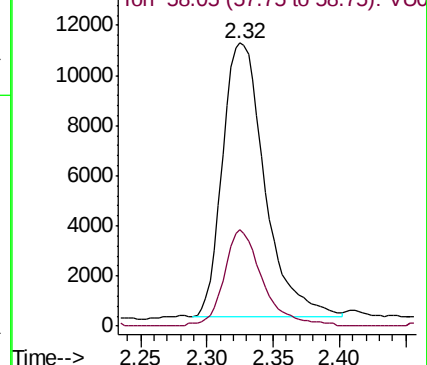
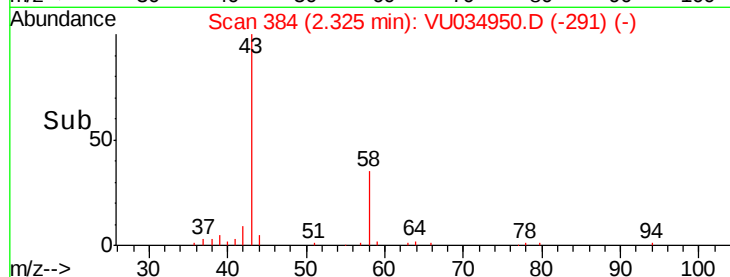
Ion Ratio Lower Upper

43 100

58 32.2 0.0 60.8



Abundance Ion 43.05 (42.75 to 43.75): VU034950.D (-291) (-)



#14

Carbon disulfide

Concen: 0.779 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034950.D

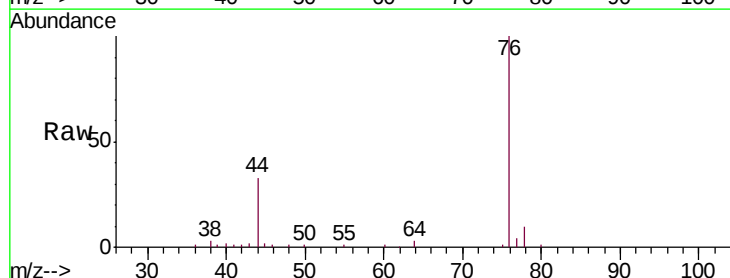
Acq: 07 Oct 2019 10:18

Tgt Ion: 76 Resp: 37723

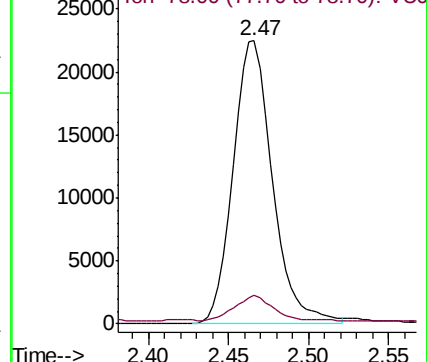
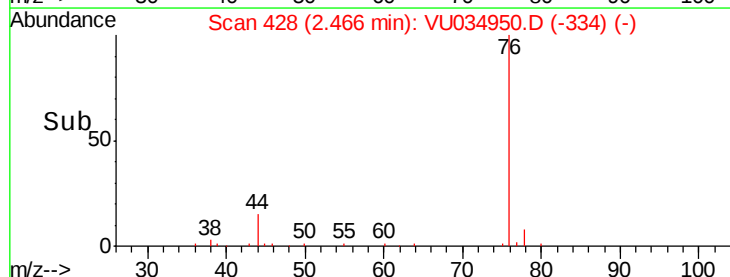
Ion Ratio Lower Upper

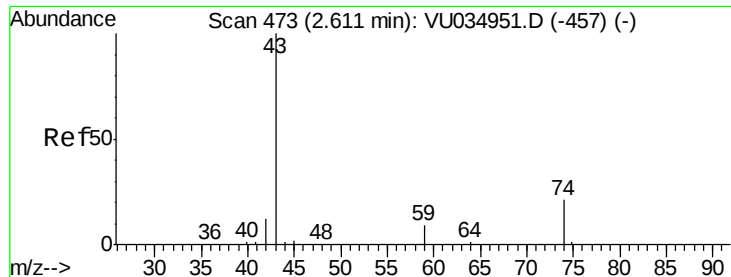
76 100

78 9.9 6.9 10.3



Abundance Ion 76.05 (75.75 to 76.75): VU034950.D (-334) (-)





#15

Methyl Acetate

Concen: 0.875 ug/L

RT: 2.61 min Scan# 473

Delta R.T. -0.00 min

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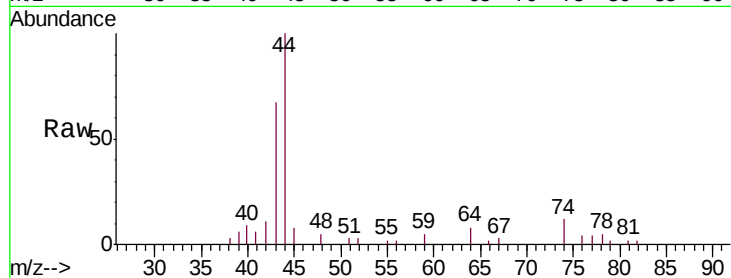
VSTD00106

Tgt Ion: 43 Resp: 6639

Ion Ratio Lower Upper

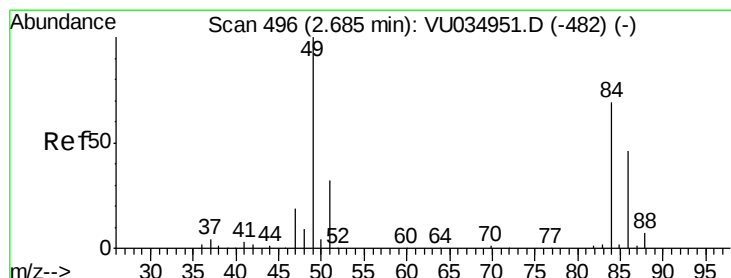
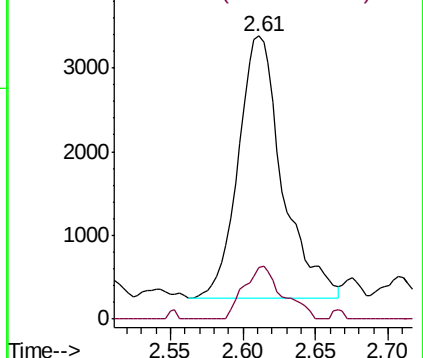
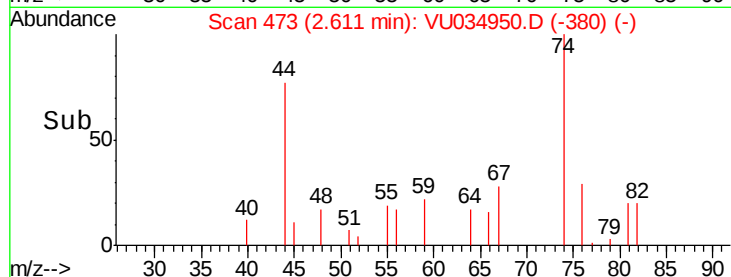
43 100

74 17.8 17.0 25.4



Abundance Ion 43.05 (42.75 to 43.75): VU034950.D (-380) (-)

Ion 74.05 (73.75 to 74.75): VU034950.D (-380) (-)



#16

Methylene chloride

Concen: 0.866 ug/L

RT: 2.68 min Scan# 496

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

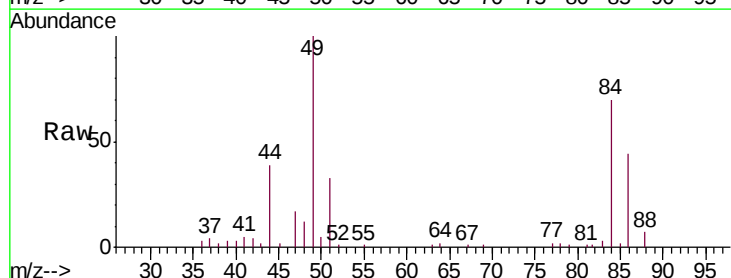
Tgt Ion: 84 Resp: 15740

Ion Ratio Lower Upper

84 100

86 62.9 46.3 86.1

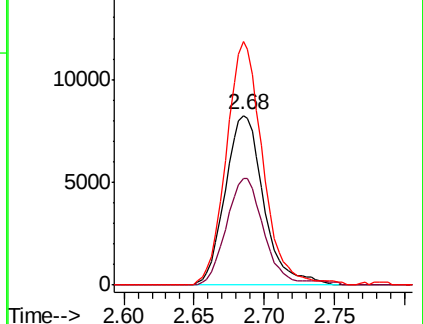
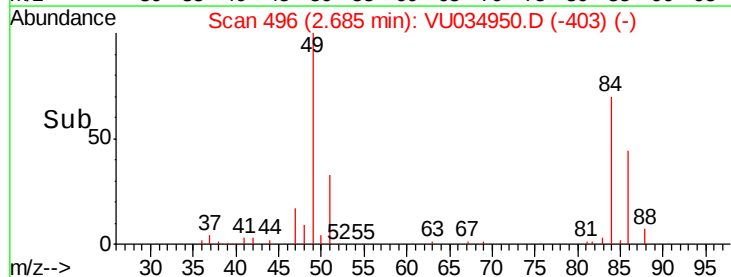
49 143.3 101.4 188.4

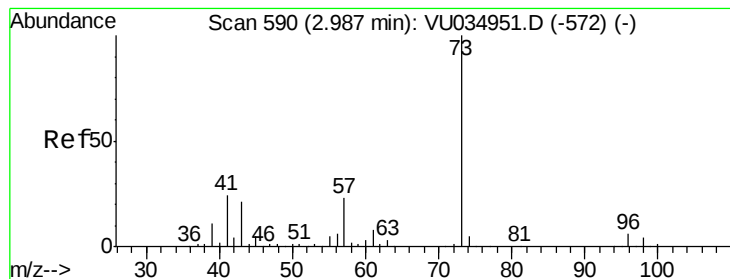


Abundance Ion 84.05 (83.75 to 84.75): VU034950.D (-403) (-)

Ion 86.00 (85.70 to 86.70): VU034950.D (-403) (-)

Ion 49.10 (48.80 to 49.80): VU034950.D (-403) (-)





#17

Methyl tert-butyl Ether

Concen: 0.809 ug/L

RT: 2.99 min Scan# 590

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

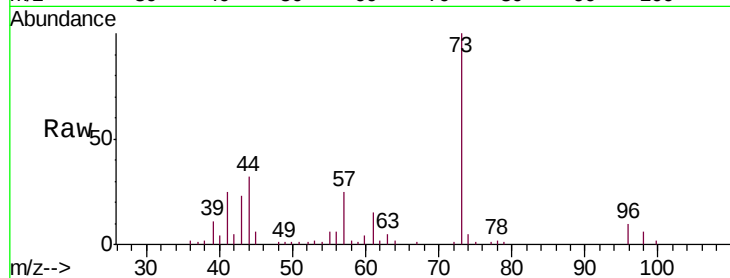
Tgt Ion: 73 Resp: 31639

Ion Ratio Lower Upper

73 100

43 21.9 17.4 26.0

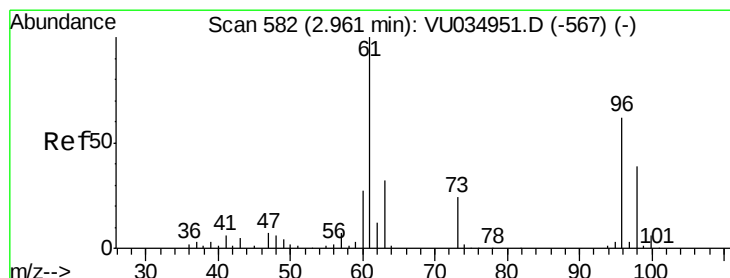
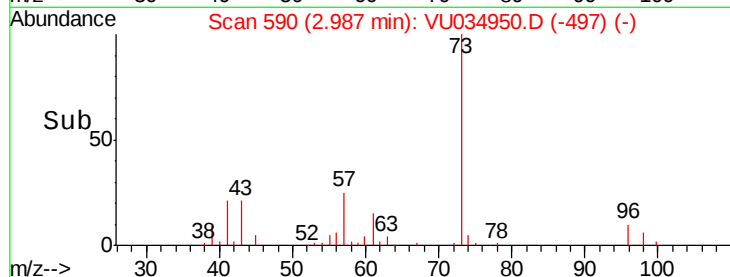
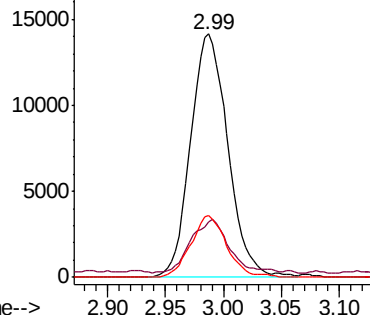
57 24.4 19.2 28.8



Abundance Ion 73.10 (72.80 to 73.80): VU034950.D (-572) (-)

Ion 43.05 (42.75 to 43.75): VU034950.D (-572) (-)

Ion 57.10 (56.80 to 57.80): VU034950.D (-572) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.775 ug/L

RT: 2.96 min Scan# 582

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

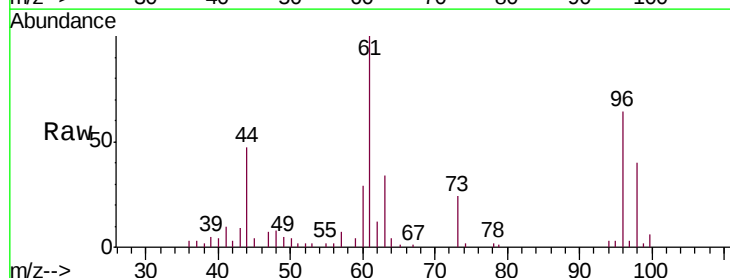
Tgt Ion: 96 Resp: 12746

Ion Ratio Lower Upper

96 100

61 156.4 112.3 208.7

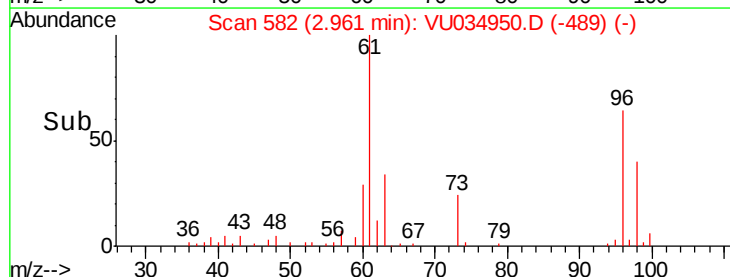
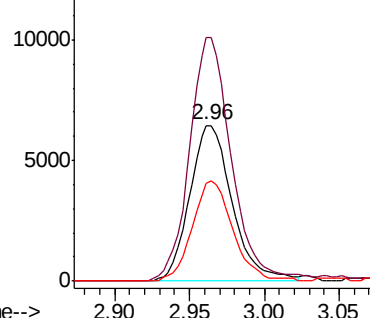
98 62.4 43.5 80.9

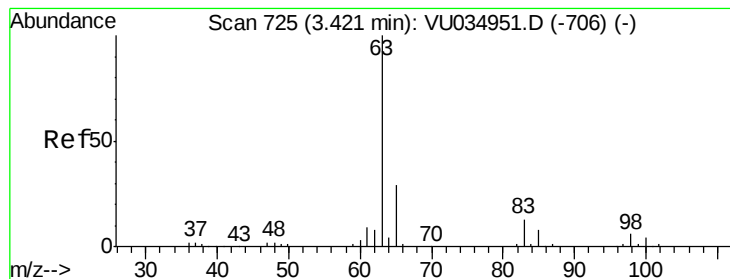


Abundance Ion 96.00 (95.70 to 96.70): VU034950.D (-567) (-)

Ion 61.05 (60.75 to 61.75): VU034950.D (-567) (-)

Ion 97.95 (97.65 to 98.65): VU034950.D (-567) (-)





#19

1,1-Dichloroethane

Concen: 0.945 ug/L

RT: 3.42 min Scan# 725

Delta R.T. -0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

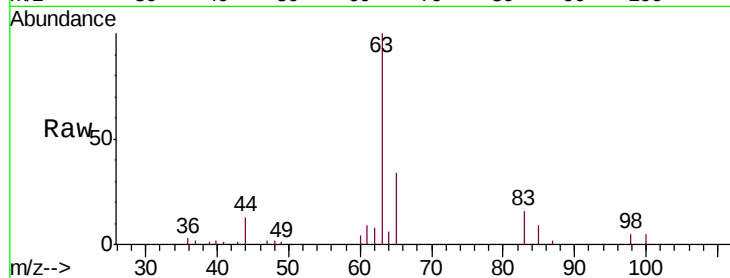
Tgt Ion: 63 Resp: 24474

Ion Ratio Lower Upper

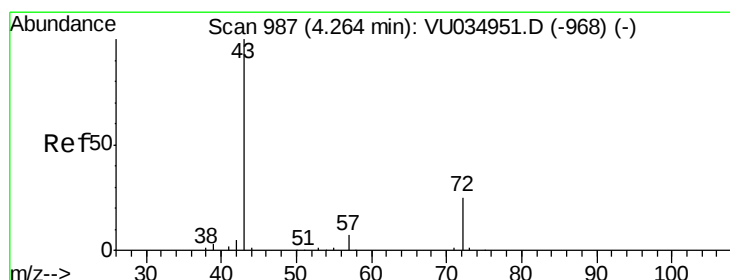
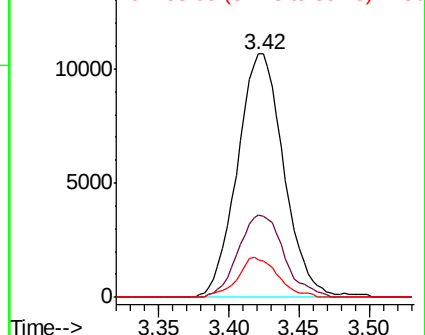
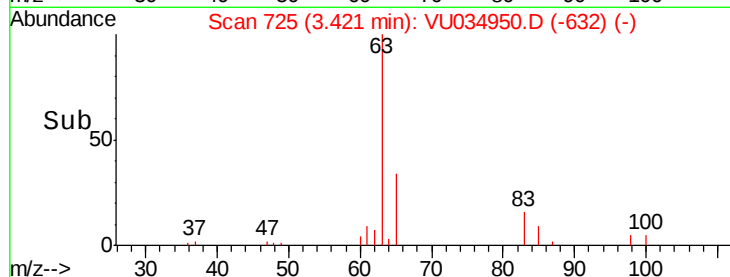
63 100

65 33.7 20.4 38.0

83 15.6 9.3 17.3



Abundance Ion 63.10 (62.80 to 63.80): VU034950.D (-632) (-)



#21

2-Butanone

Concen: 8.656 ug/L

RT: 4.28 min Scan# 991

Delta R.T. 0.01 min

Lab File: VU034950.D

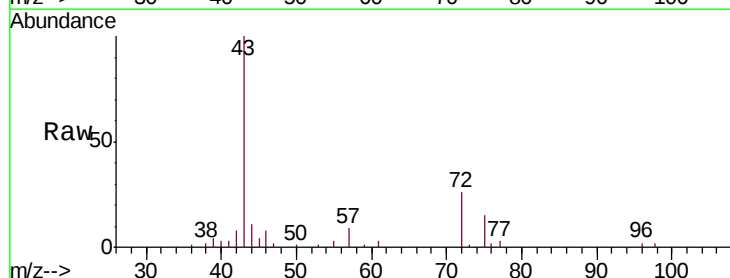
Acq: 07 Oct 2019 10:18

Tgt Ion: 43 Resp: 31634

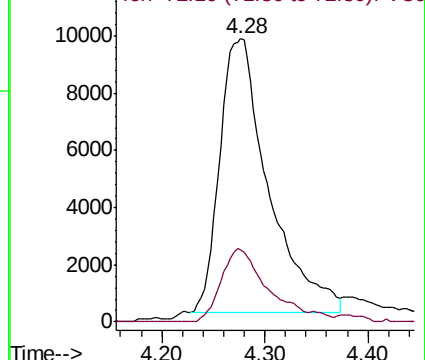
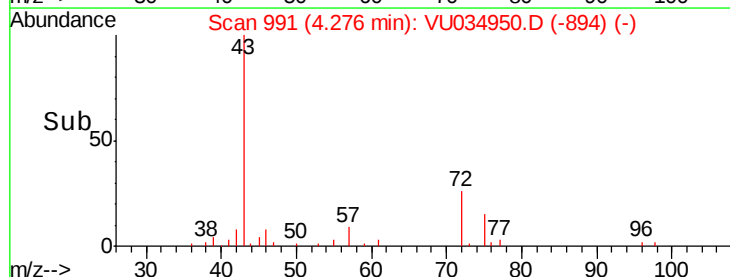
Ion Ratio Lower Upper

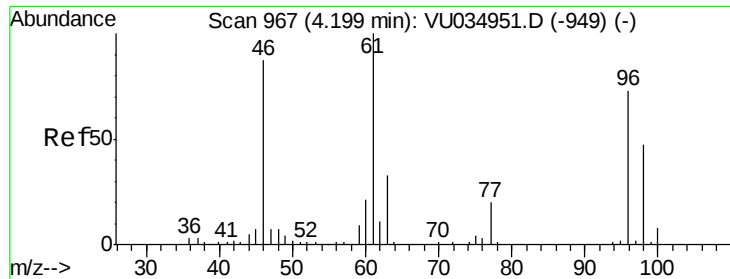
43 100

72 24.7 12.0 36.0



Abundance Ion 43.05 (42.75 to 43.75): VU034950.D (-894) (-)

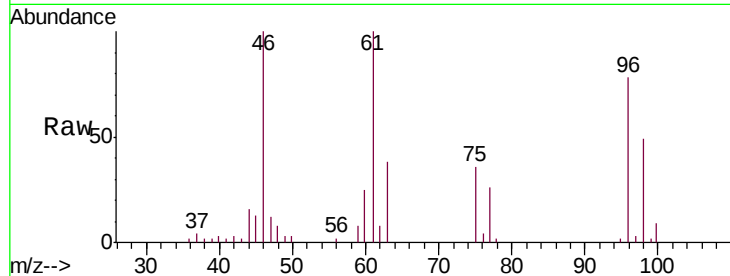




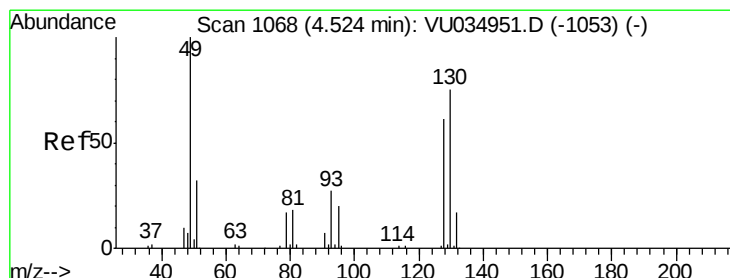
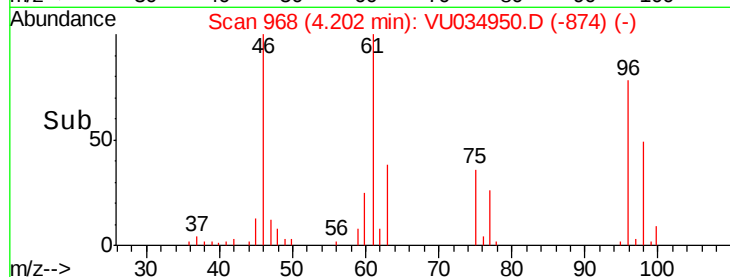
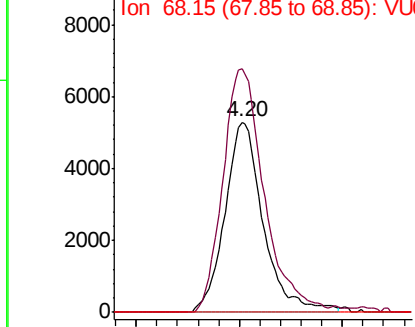
#22
 cis-1,2-Dichloroethene
 Concen: 0.945 ug/L
 RT: 4.20 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion: 96 Resp: 13668
 Ion Ratio Lower Upper
 96 100
 61 128.0 96.4 179.0
 68 0.0 0.0 0.0

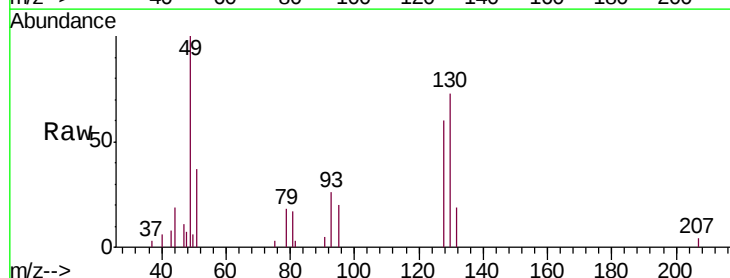


Abundance Ion 96.00 (95.70 to 96.70): VU0
 Ion 61.05 (60.75 to 61.75): VU0
 Ion 68.15 (67.85 to 68.85): VU0

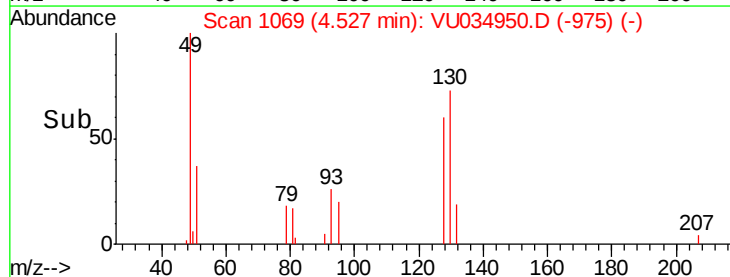
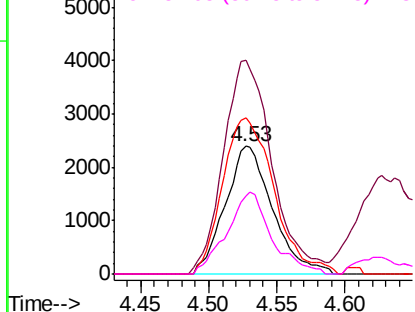


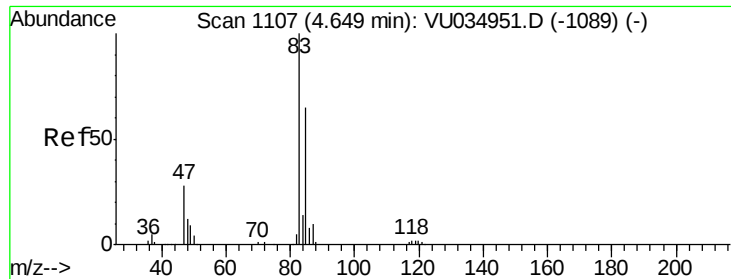
#23
 Bromochloromethane
 Concen: 0.907 ug/L
 RT: 4.53 min Scan# 1069
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion: 128 Resp: 5776
 Ion Ratio Lower Upper
 128 100
 49 167.5 116.0 215.4
 130 122.2 86.4 160.4
 51 61.7 41.6 62.4



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

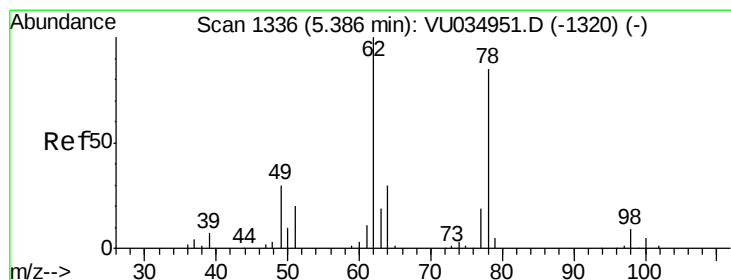
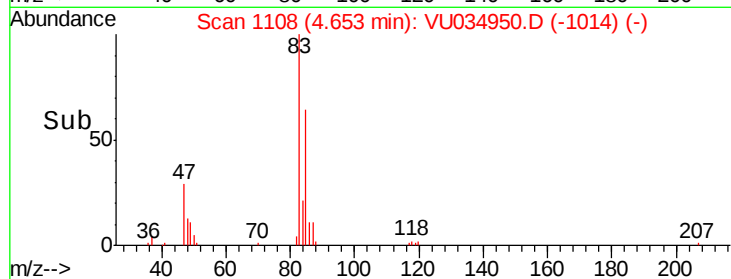
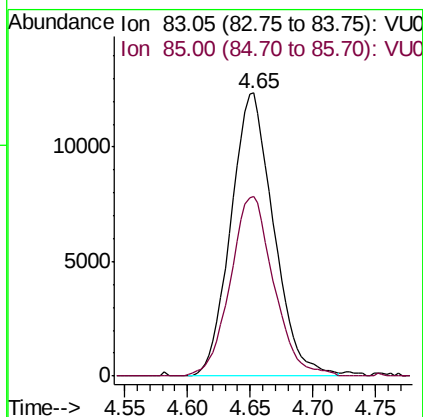
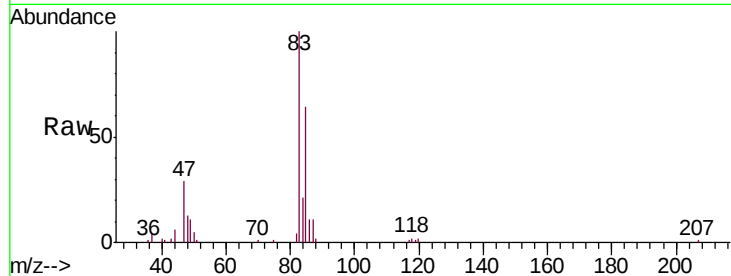




#25
Chloroform
Concen: 1.012 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

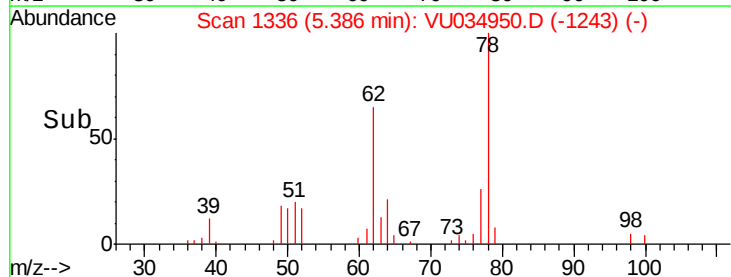
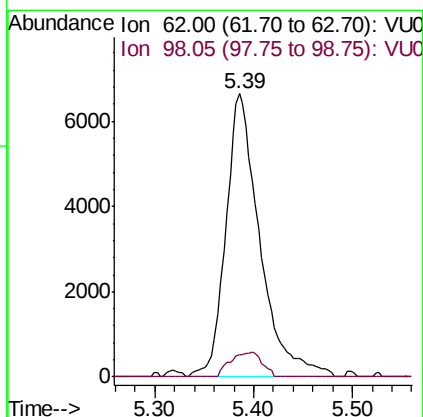
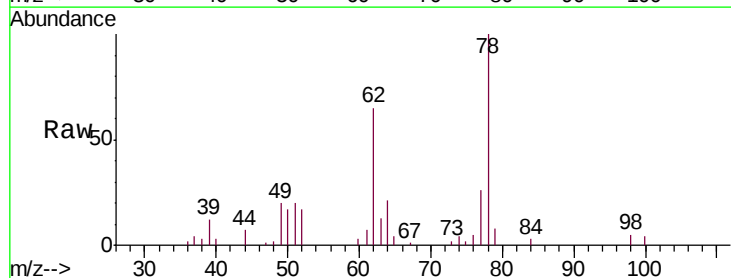
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

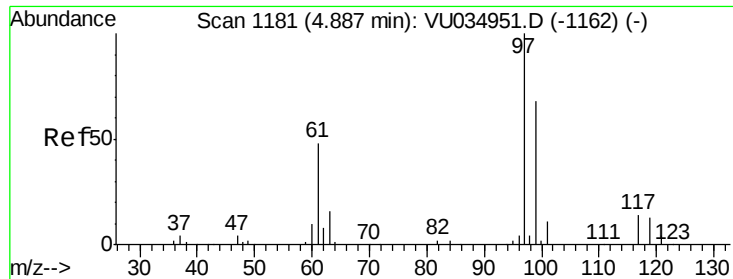
Tgt Ion: 83 Resp: 29239
Ion Ratio Lower Upper
83 100
85 63.5 45.4 84.4



#27
1,2-Dichloroethane
Concen: 0.951 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion: 62 Resp: 16041
Ion Ratio Lower Upper
62 100
98 7.9 6.8 10.2

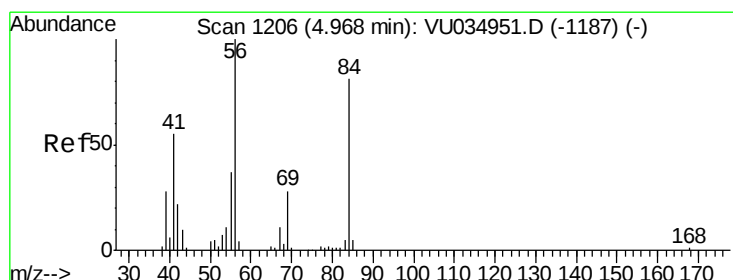
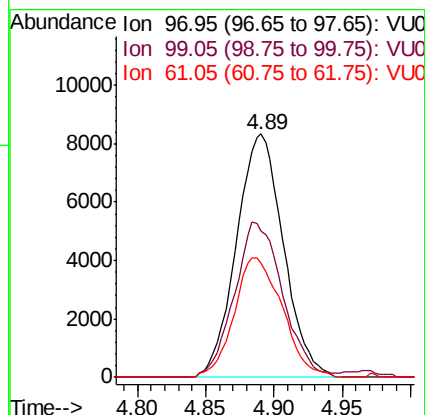
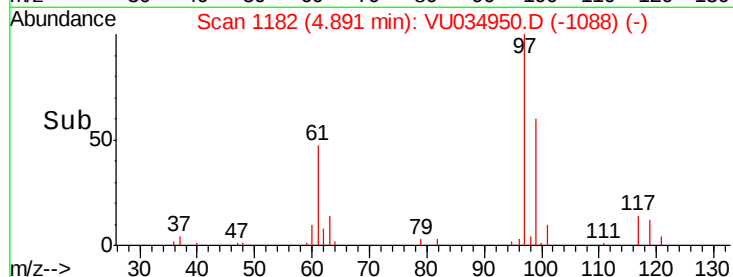
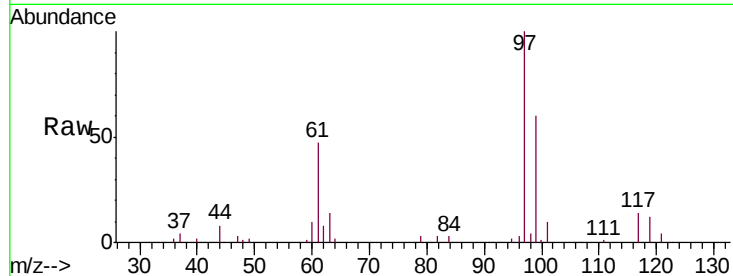




#29
 1,1,1-Trichloroethane
 Concen: 0.915 ug/L
 RT: 4.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

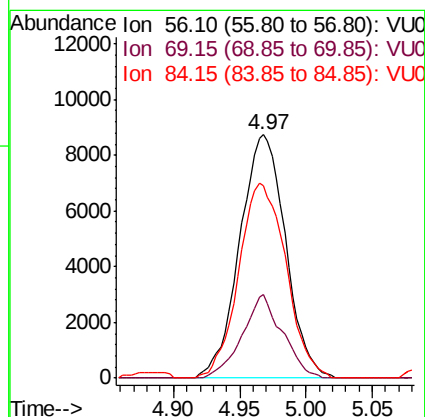
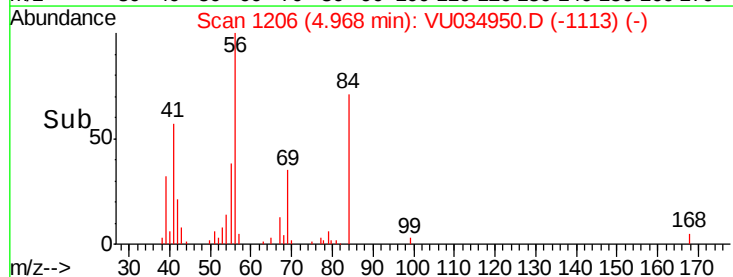
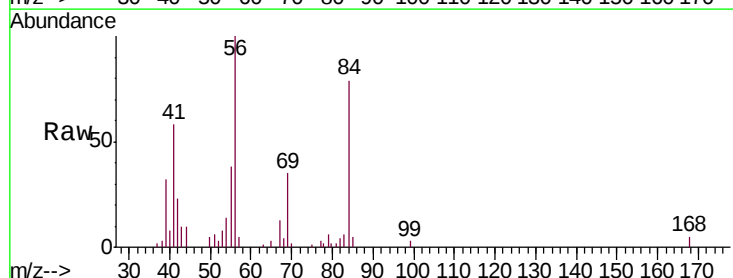
Instrument :
 MSVOA_U
 ClientSampleID :
 VSTD00106

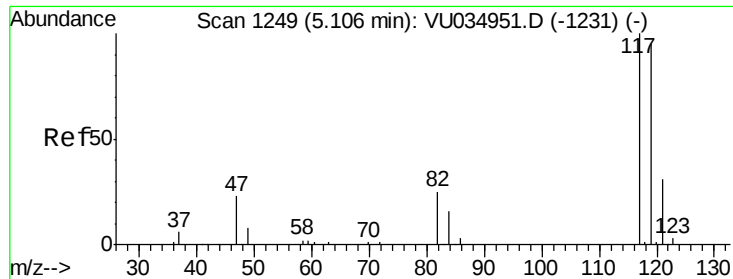
Tgt Ion: 97 Resp: 19918
 Ion Ratio Lower Upper
 97 100
 99 65.6 52.3 78.5
 61 50.5 39.0 58.4



#30
 Cyclohexane
 Concen: 1.023 ug/L
 RT: 4.97 min Scan# 1206
 Delta R.T. -0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion: 56 Resp: 20996
 Ion Ratio Lower Upper
 56 100
 69 30.2 23.4 35.0
 84 82.8 66.2 99.2

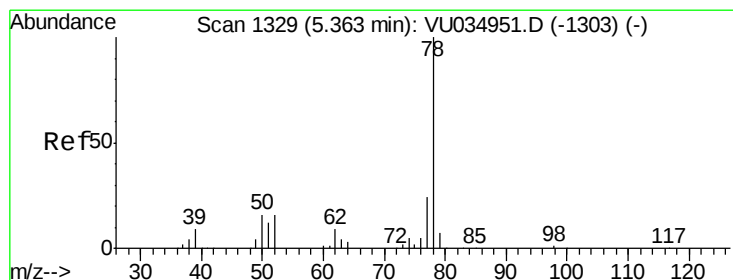
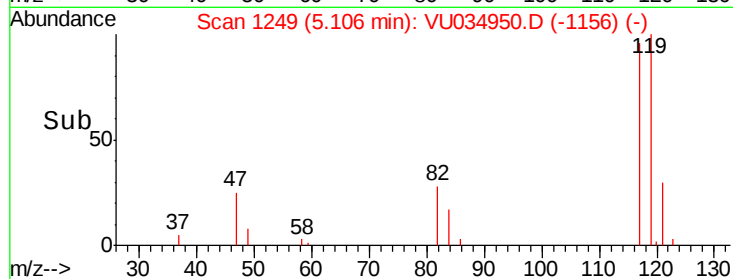
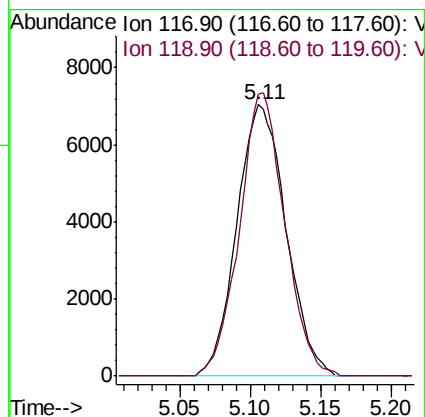
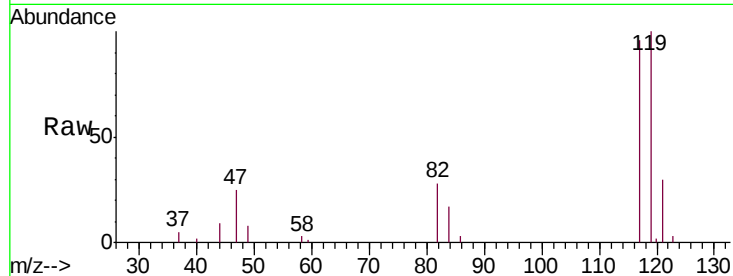




#31
Carbon tetrachloride
Concen: 0.898 ug/L
RT: 5.11 min Scan# 1249
Delta R.T. -0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

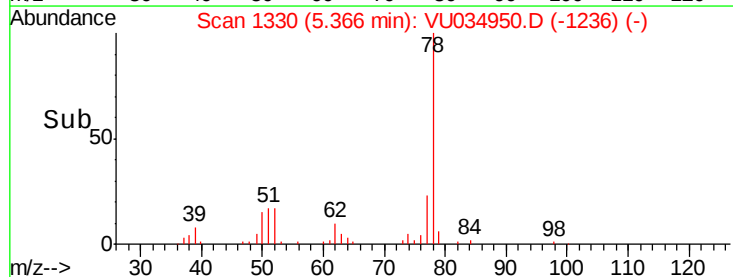
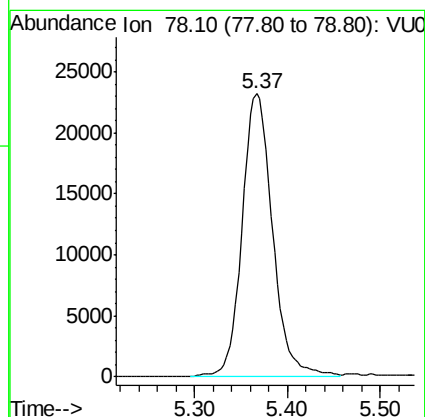
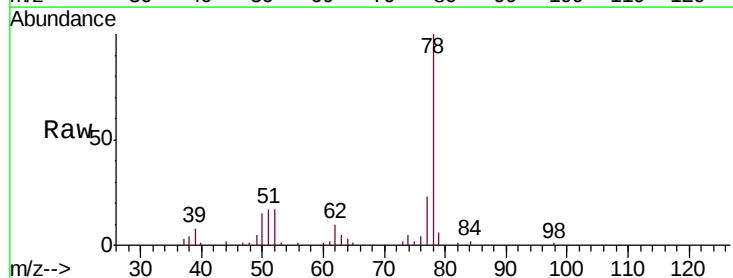
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

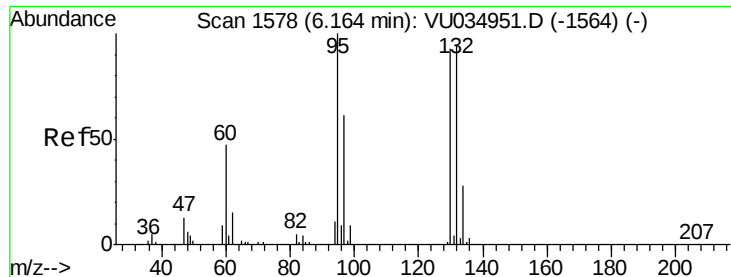
Tgt Ion:117 Resp: 17169
Ion Ratio Lower Upper
117 100
119 96.3 77.0 115.6



#33
Benzene
Concen: 0.978 ug/L
RT: 5.37 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion: 78 Resp: 53144

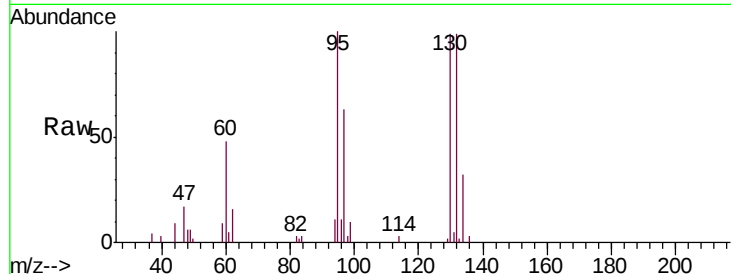




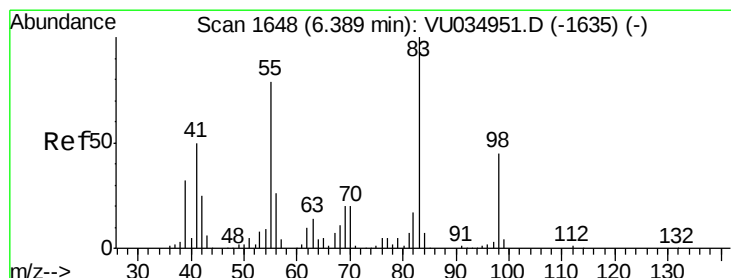
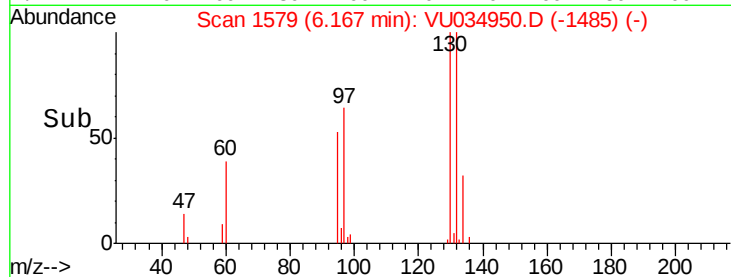
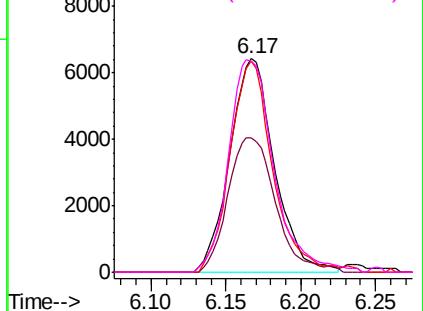
#34
 Trichloroethene
 Concen: 0.927 ug/L
 RT: 6.17 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:	95	Resp:	13324
Ion	Ratio	Lower	Upper
95	100		
97	63.0	42.5	78.9
132	99.1	65.8	122.2
130	99.1	65.0	120.8

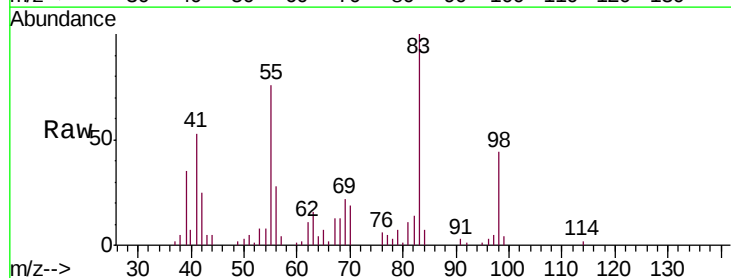


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

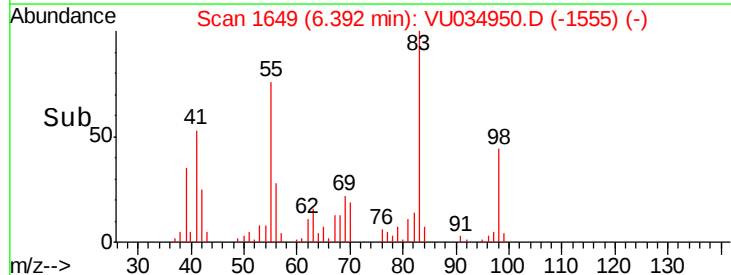
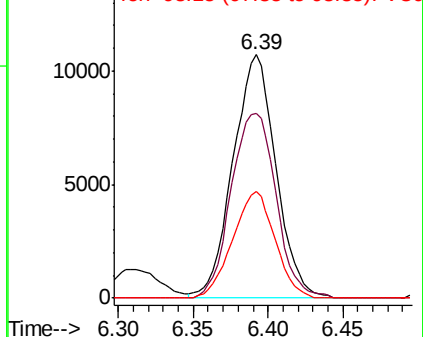


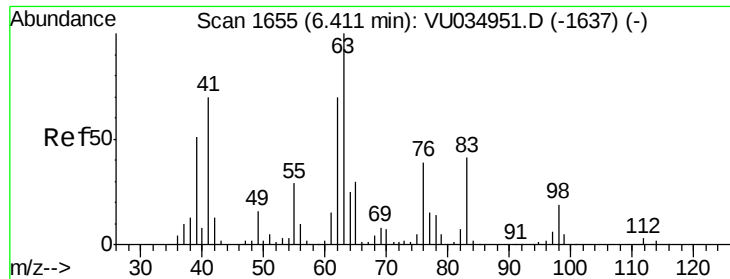
#35
 Methylcyclohexane
 Concen: 0.973 ug/L
 RT: 6.39 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion:	83	Resp:	21380
Ion	Ratio	Lower	Upper
83	100		
55	79.5	62.4	93.6
98	43.1	35.5	53.3



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

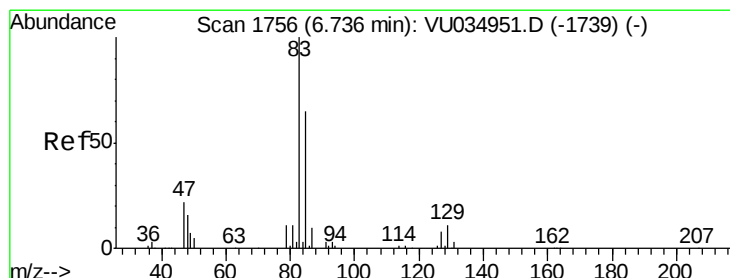
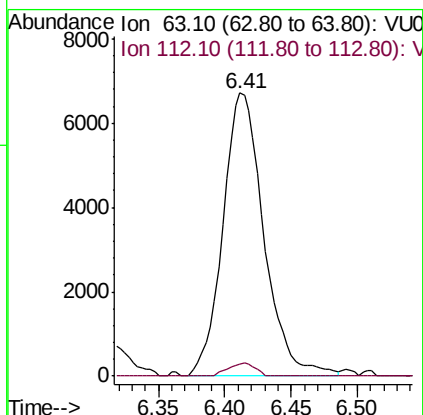
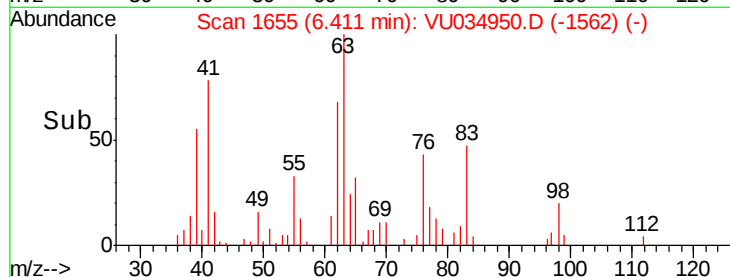
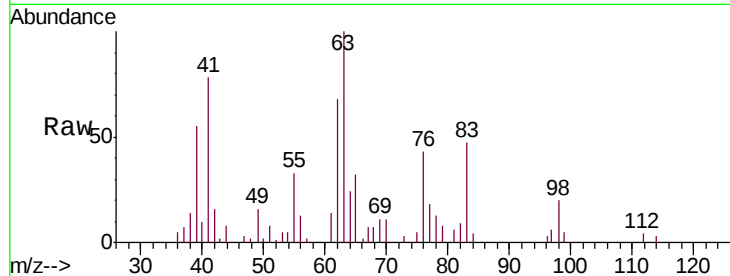




#37
 1,2-Dichloropropane
 Concen: 0.979 ug/L
 RT: 6.41 min Scan# 1655
 Delta R.T. -0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

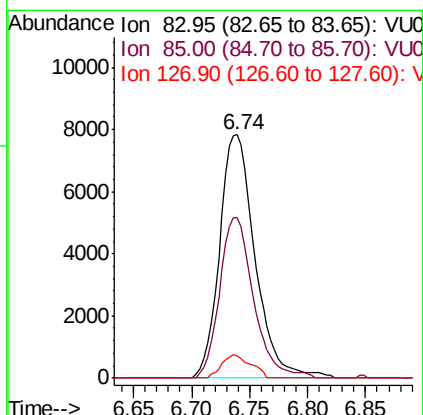
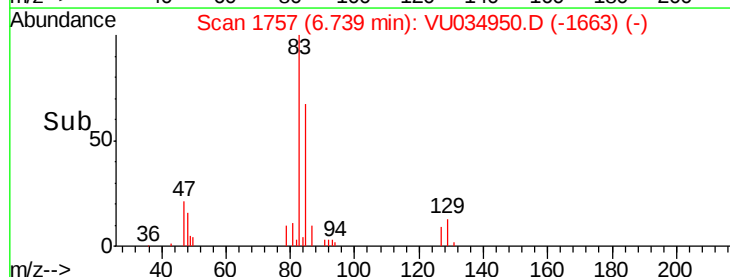
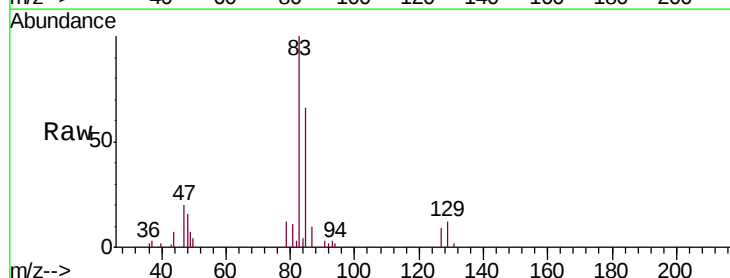
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

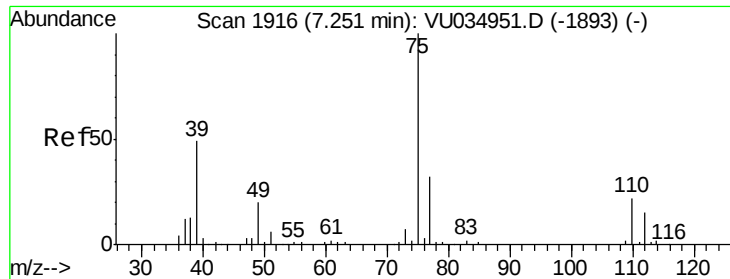
Tgt Ion: 63 Resp: 14398
 Ion Ratio Lower Upper
 63 100
 112 3.0 3.0 4.4



#38
 Bromodichloromethane
 Concen: 0.899 ug/L
 RT: 6.74 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion: 83 Resp: 16604
 Ion Ratio Lower Upper
 83 100
 85 66.1 45.3 84.1
 127 9.3 6.6 10.0

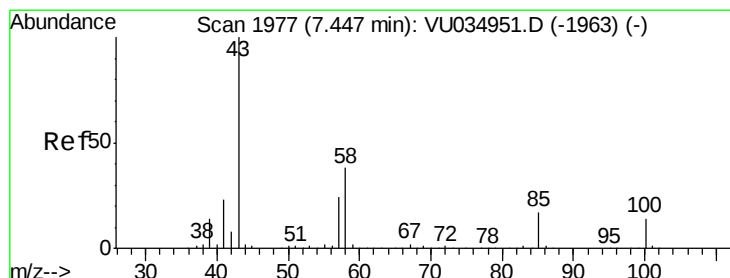
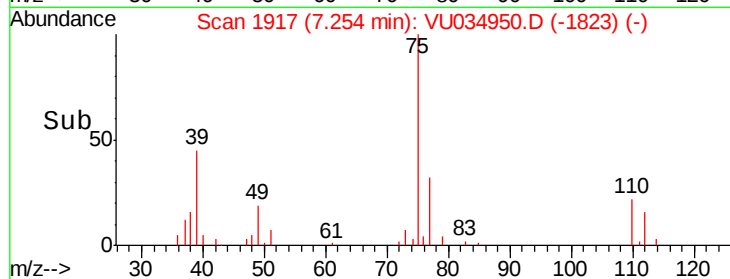
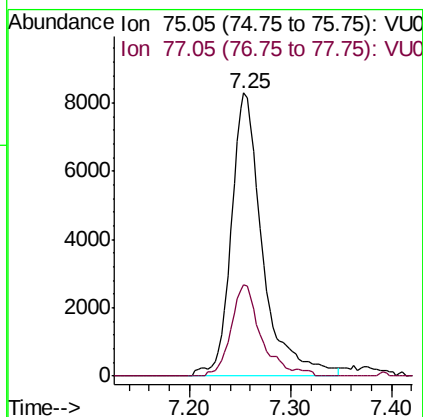
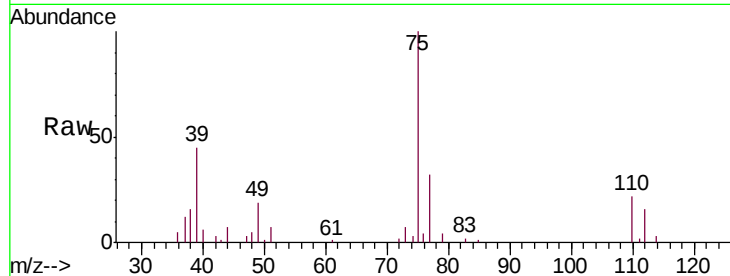




#39
 cis-1,3-Dichloropropene
 Concen: 0.862 ug/L
 RT: 7.25 min Scan# 1917
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

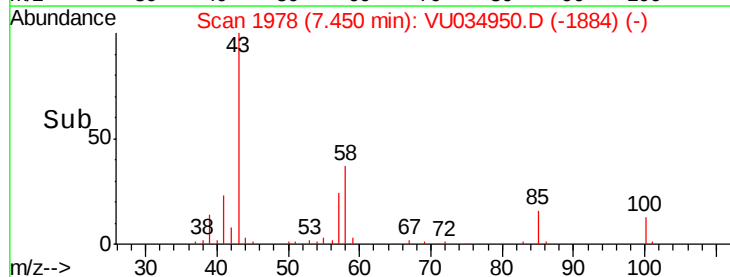
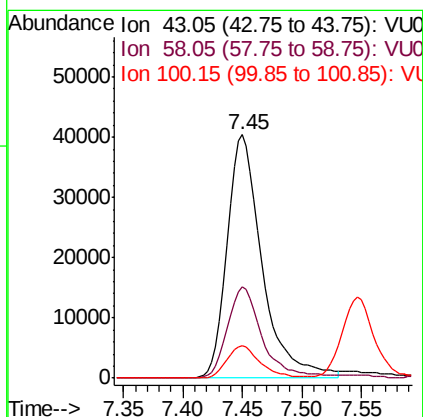
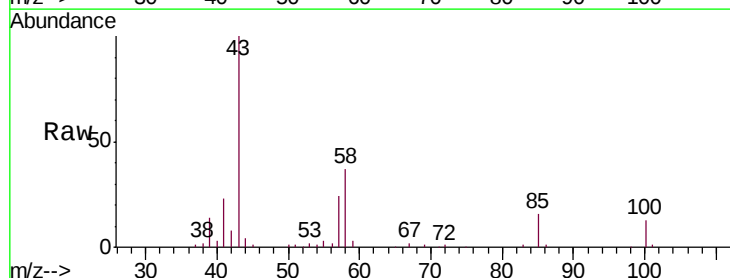
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

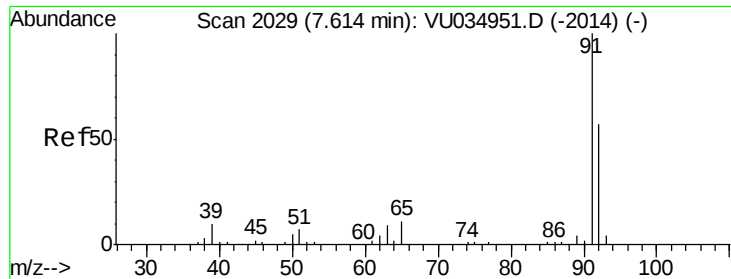
Tgt Ion: 75 Resp: 17953
 Ion Ratio Lower Upper
 75 100
 77 32.1 22.3 41.5



#40
 4-Methyl-2-pentanone
 Concen: 9.675 ug/L
 RT: 7.45 min Scan# 1978
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion: 43 Resp: 82479
 Ion Ratio Lower Upper
 43 100
 58 37.1 31.1 46.7
 100 12.6 11.0 16.4





#42

Toluene

Concen: 0.924 ug/L

RT: 7.62 min Scan# 2030

Delta R.T. 0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

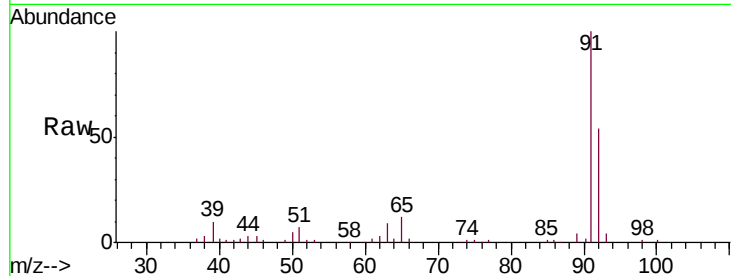
VSTD00106

Tgt Ion: 91 Resp: 53779

Ion Ratio Lower Upper

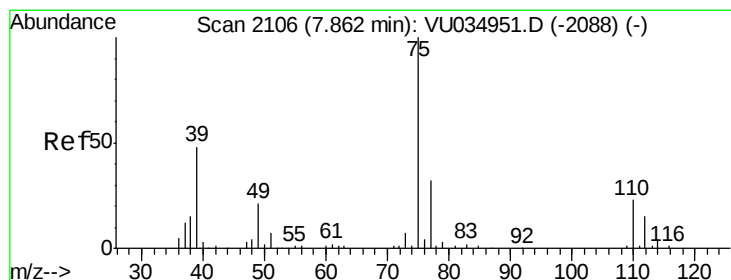
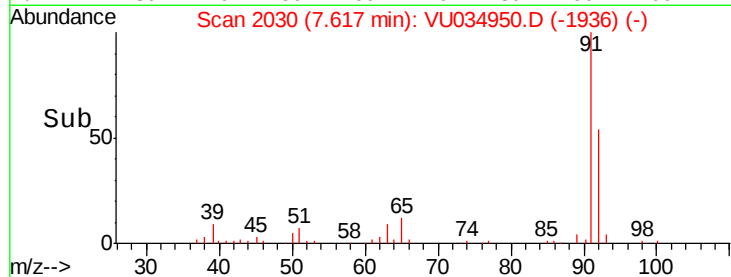
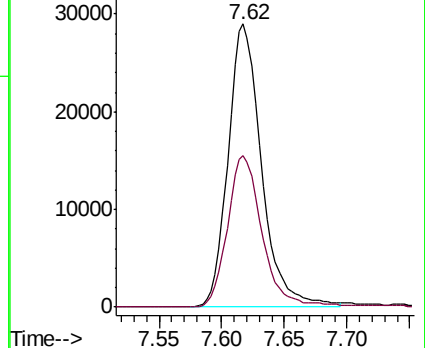
91 100

92 53.6 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VU034950.D (-2030) (-)

Ion 92.15 (91.85 to 92.85): VU034950.D (-2030) (-)



#44

trans-1,3-Dichloropropene

Concen: 0.770 ug/L

RT: 7.87 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VU034950.D

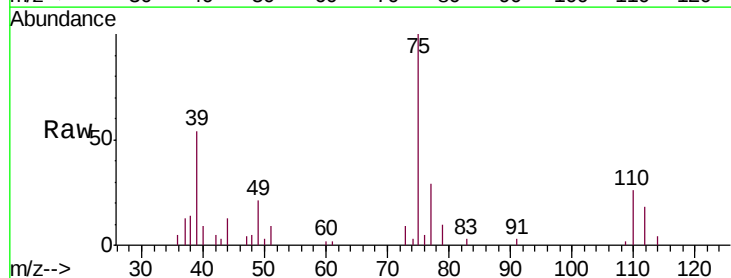
Acq: 07 Oct 2019 10:18

Tgt Ion: 75 Resp: 12821

Ion Ratio Lower Upper

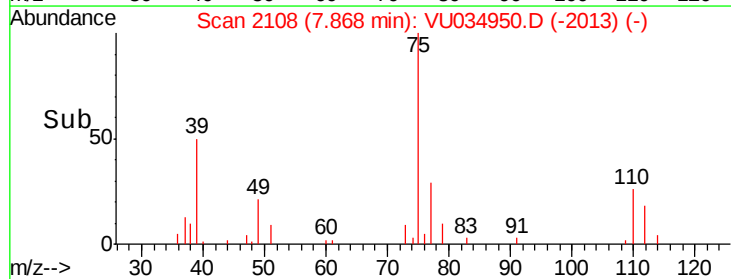
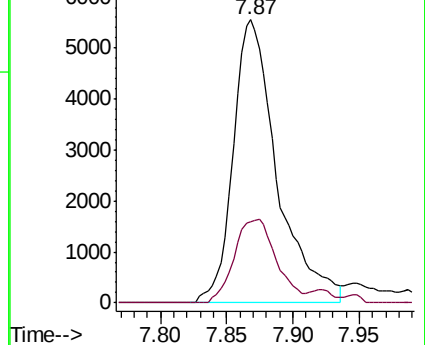
75 100

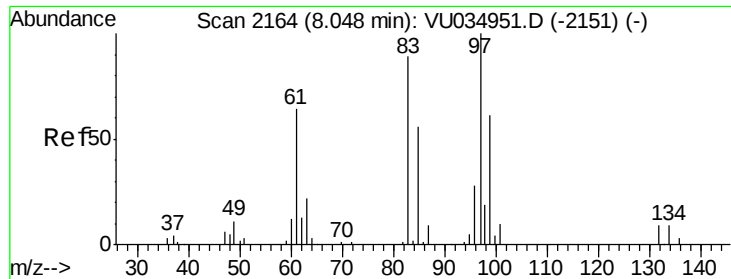
77 28.5 22.4 41.6



Abundance Ion 75.05 (74.75 to 75.75): VU034950.D (-2108) (-)

Ion 77.05 (76.75 to 77.75): VU034950.D (-2108) (-)

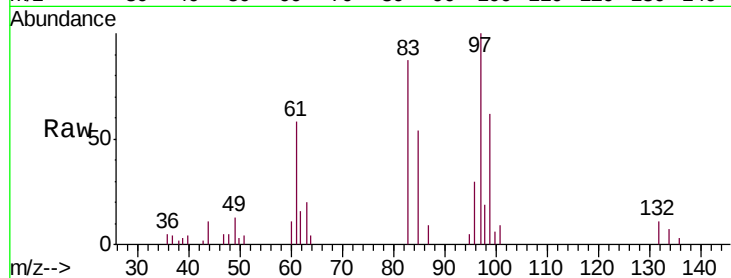




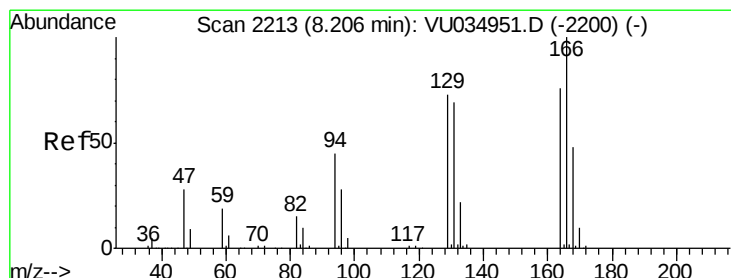
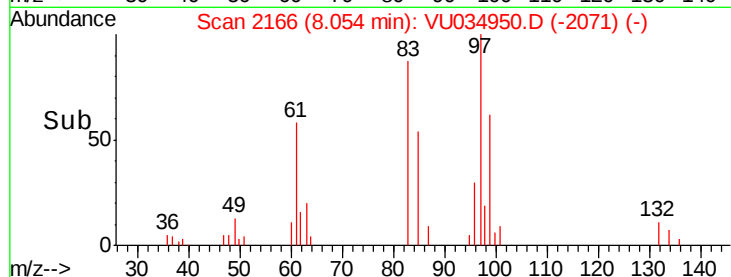
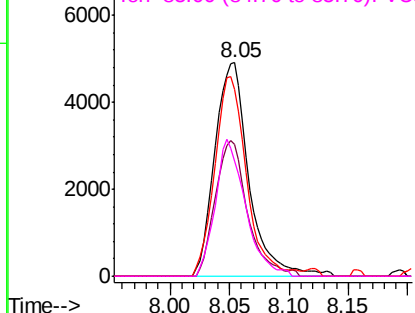
#45
 1,1,2-Trichloroethane
 Concen: 0.942 ug/L
 RT: 8.05 min Scan# 2166
 Delta R.T. 0.01 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:	97	Resp:	9789
Ion	Ratio	Lower	Upper
97	100		
99	61.7	42.8	79.6
83	87.5	62.2	115.6
85	53.9	39.1	72.5

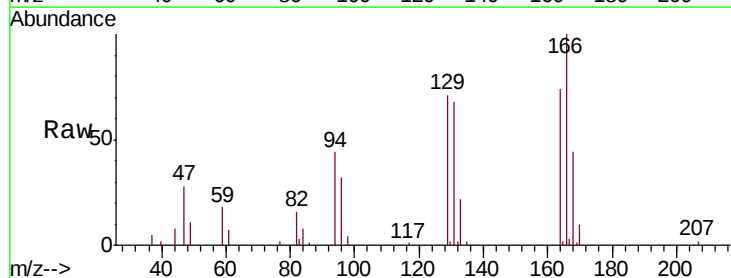


Abundance Ion 96.95 (96.65 to 97.65): VU0
 Ion 99.05 (98.75 to 99.75): VU0
 Ion 82.95 (82.65 to 83.65): VU0
 Ion 85.00 (84.70 to 85.70): VU0

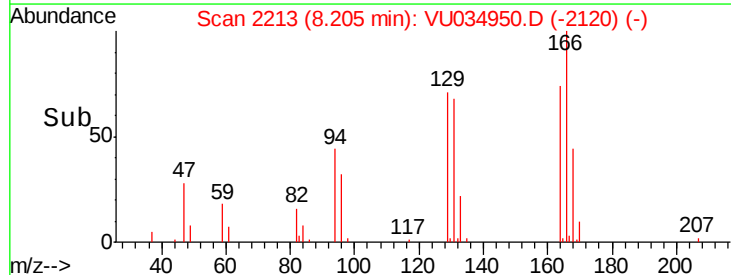
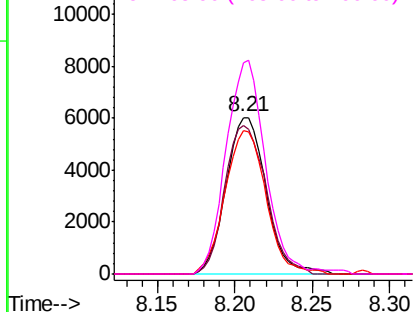


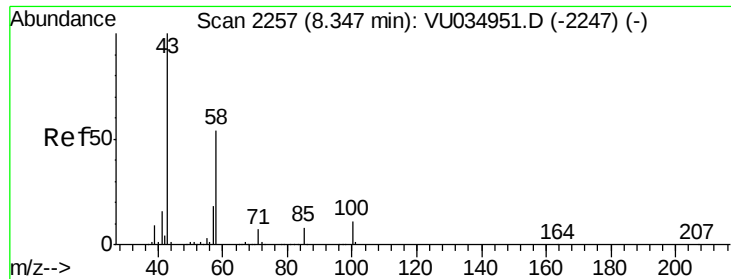
#47
 Tetrachloroethene
 Concen: 0.943 ug/L
 RT: 8.21 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion:	164	Resp:	10884
Ion	Ratio	Lower	Upper
164	100		
129	95.1	66.5	123.5
131	91.2	63.3	117.7
166	134.7	91.6	170.2



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

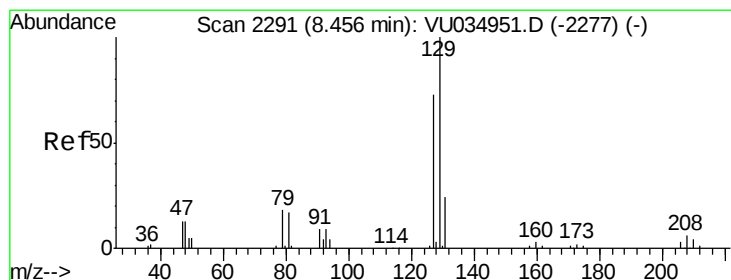
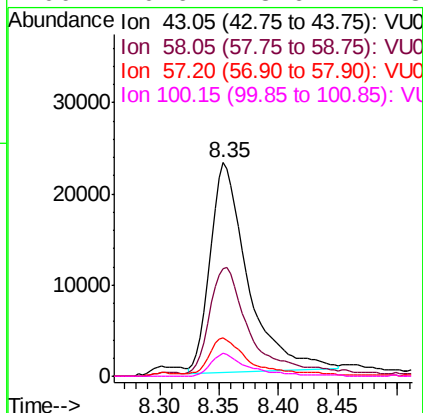
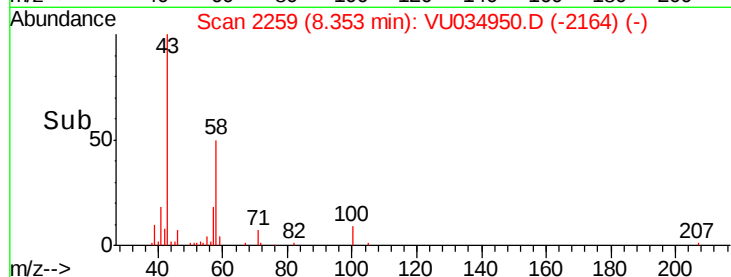
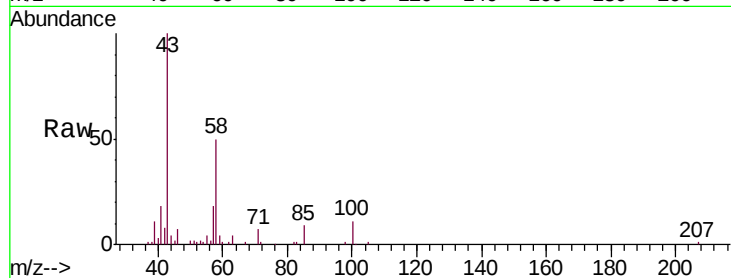




#48
2-Hexanone
Concen: 8.163 ug/L
RT: 8.35 min Scan# 2259
Delta R.T. 0.01 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

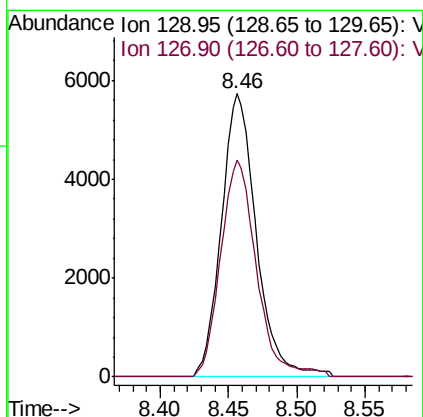
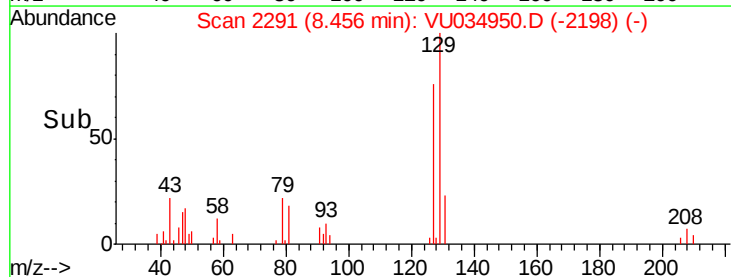
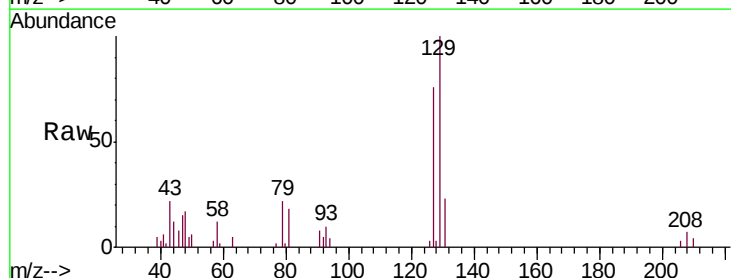
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

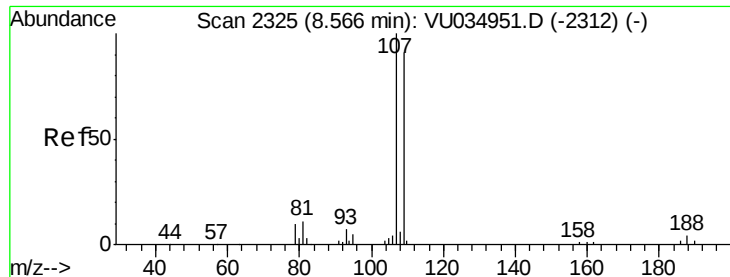
Tgt Ion: 43 Resp: 50366
Ion Ratio Lower Upper
43 100
58 54.0 43.3 64.9
57 19.4 14.5 21.7
100 10.6 8.6 12.8



#49
Dibromochloromethane
Concen: 0.824 ug/L
RT: 8.46 min Scan# 2291
Delta R.T. -0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion: 129 Resp: 10223
Ion Ratio Lower Upper
129 100
127 76.5 51.2 95.0

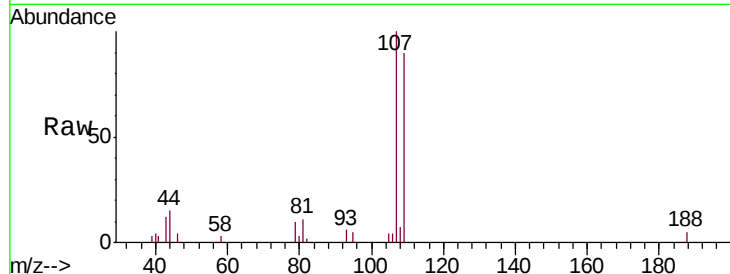




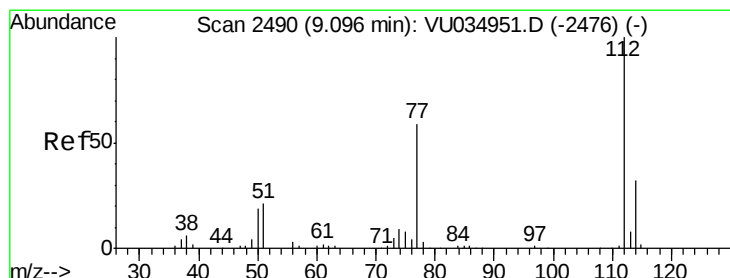
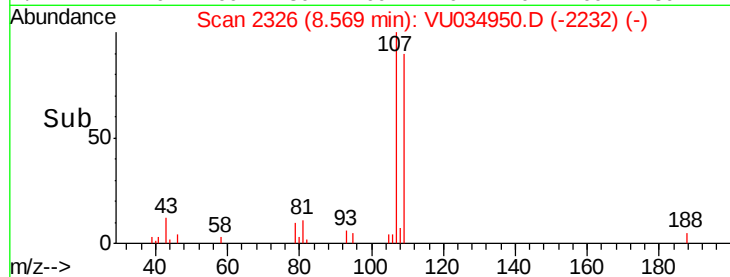
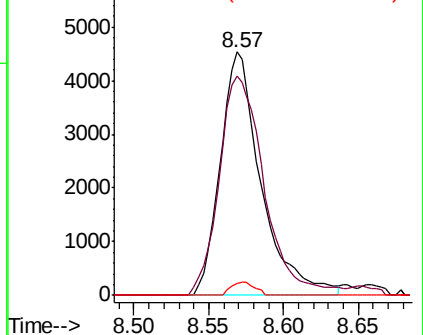
#50
1,2-Dibromoethane
Concen: 0.870 ug/L
RT: 8.57 min Scan# 2326
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

Tgt Ion:107 Resp: 8617
Ion Ratio Lower Upper
107 100
109 89.9 64.0 119.0
188 4.9 3.5 5.3

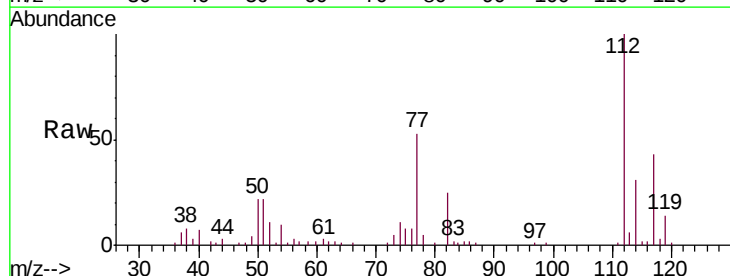


Abundance Ion 106.95 (106.65 to 107.65): V
Ion 109.00 (108.70 to 109.70): V
Ion 187.90 (187.60 to 188.60): V

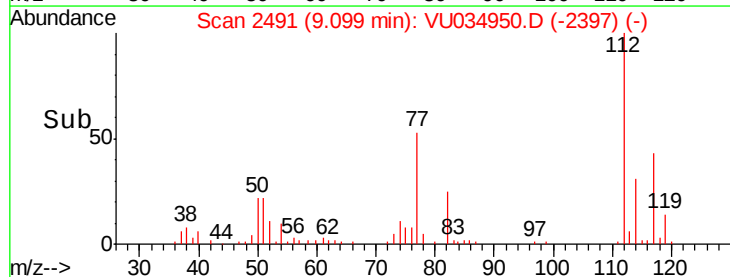
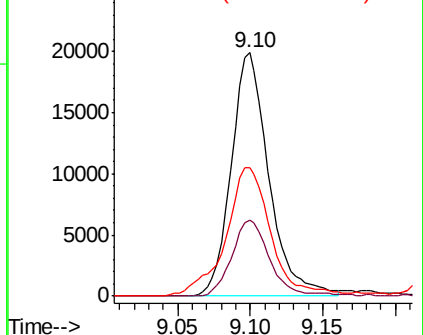


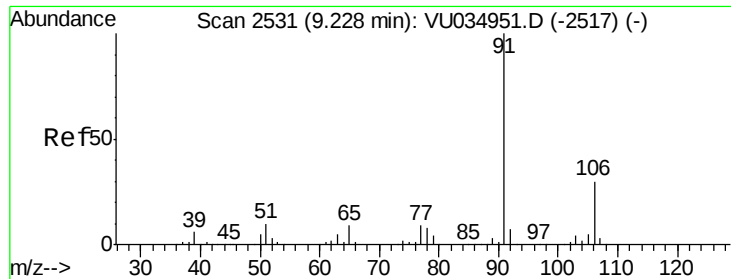
#51
Chlorobenzene
Concen: 0.942 ug/L
RT: 9.10 min Scan# 2491
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion:112 Resp: 35834
Ion Ratio Lower Upper
112 100
114 31.2 22.2 41.2
77 52.8 47.4 71.2



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: 0.930 ug/L

RT: 9.23 min Scan# 2532

Delta R.T. 0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

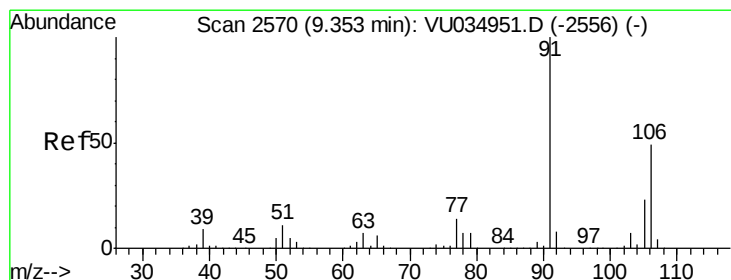
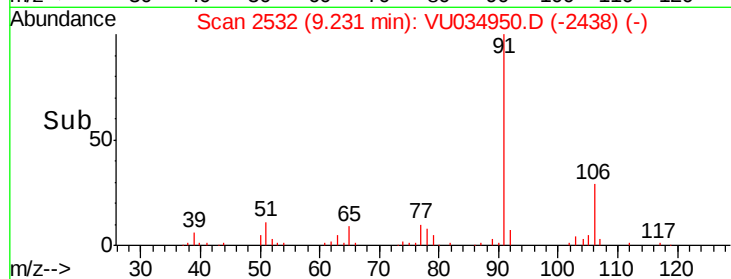
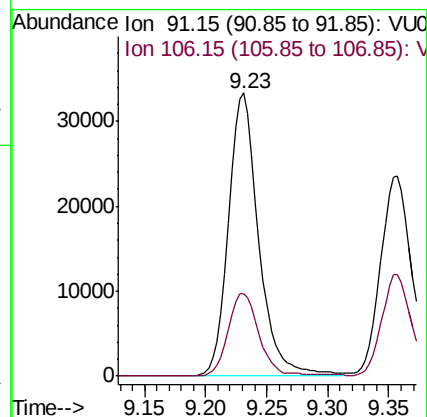
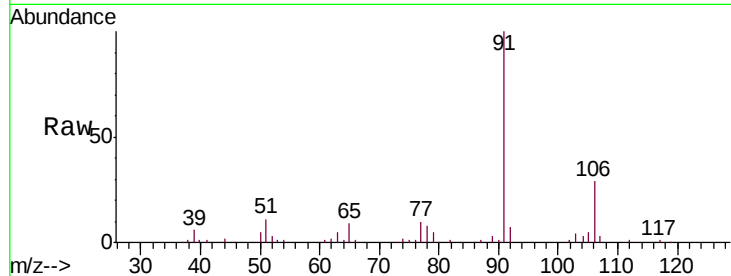
VSTD00106

Tgt Ion: 91 Resp: 58153

Ion Ratio Lower Upper

91 100

106 29.2 21.1 39.3



#53

m,p-Xylene

Concen: 0.878 ug/L

RT: 9.36 min Scan# 2571

Delta R.T. 0.00 min

Lab File: VU034950.D

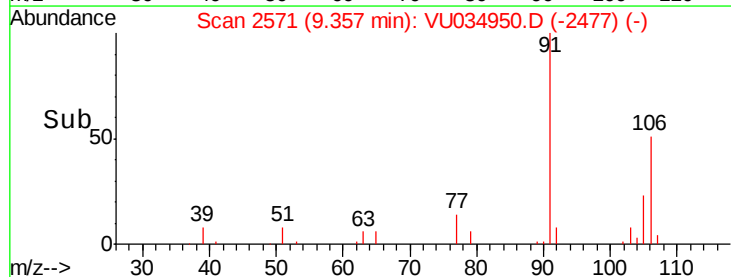
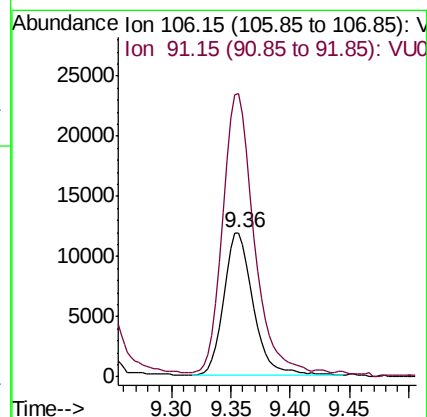
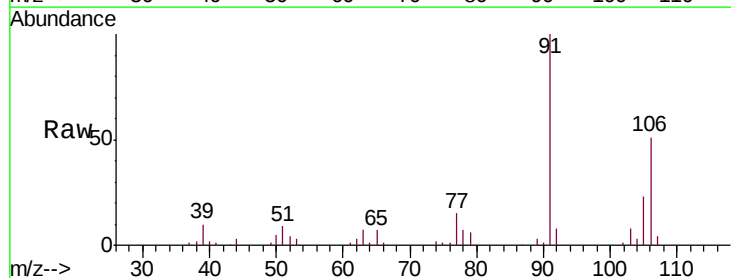
Acq: 07 Oct 2019 10:18

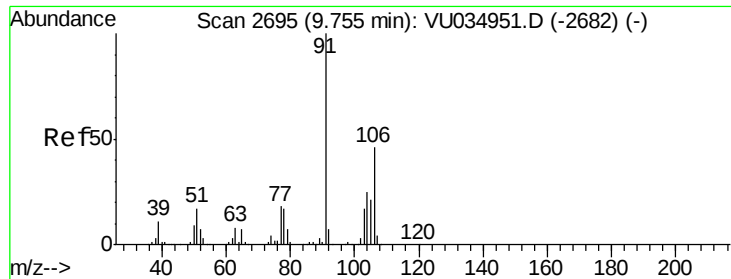
Tgt Ion: 106 Resp: 20573

Ion Ratio Lower Upper

106 100

91 196.0 143.1 265.9

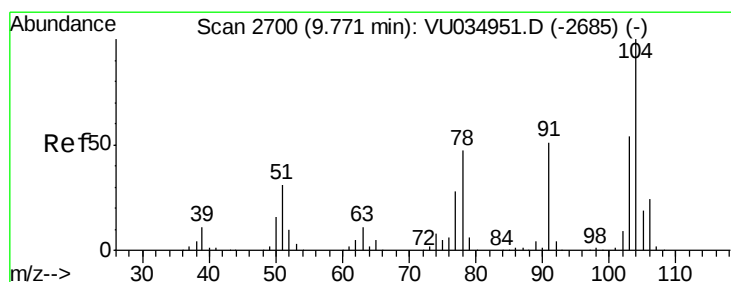
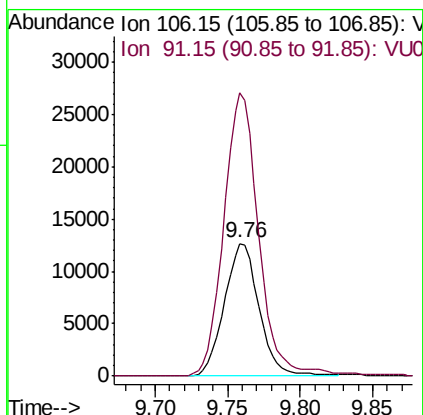
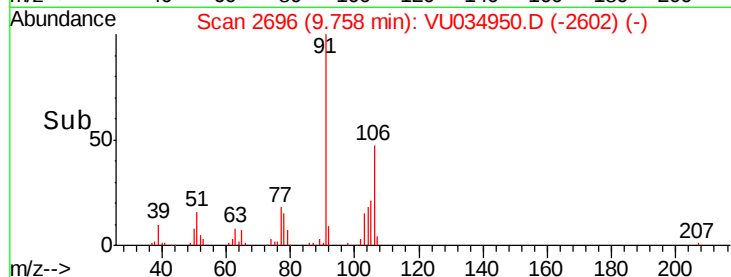
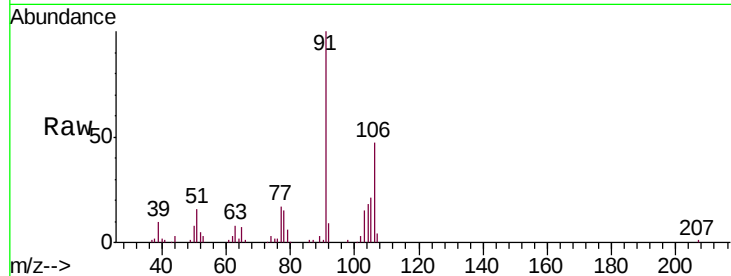




#54
o-Xylene
Concen: 0.940 ug/L
RT: 9.76 min Scan# 2696
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

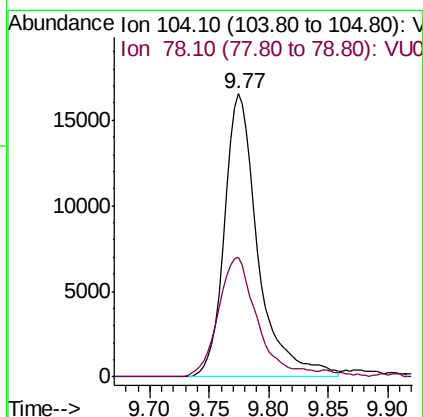
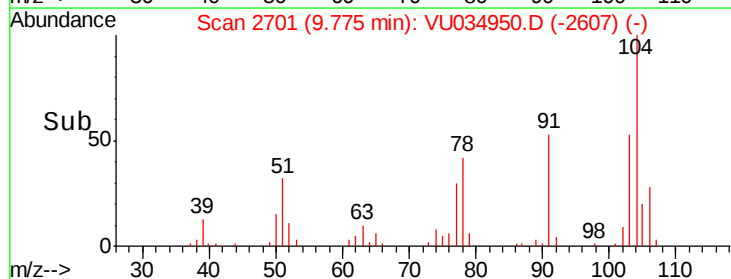
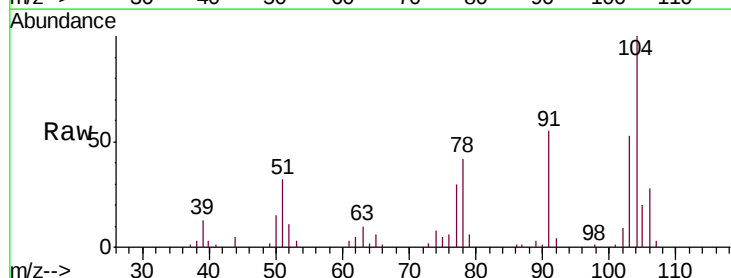
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

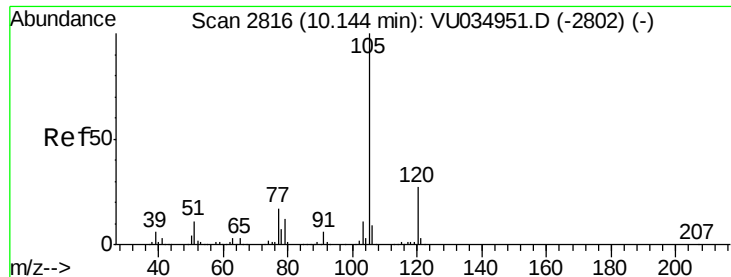
Tgt Ion:106 Resp: 21094
Ion Ratio Lower Upper
106 100
91 213.7 151.6 281.6



#55
Styrene
Concen: 0.840 ug/L
RT: 9.77 min Scan# 2701
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion:104 Resp: 32449
Ion Ratio Lower Upper
104 100
78 42.4 32.7 60.7

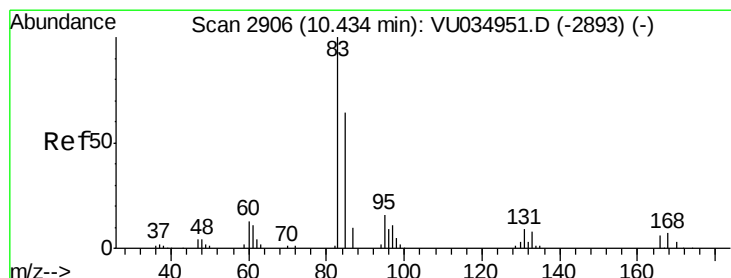
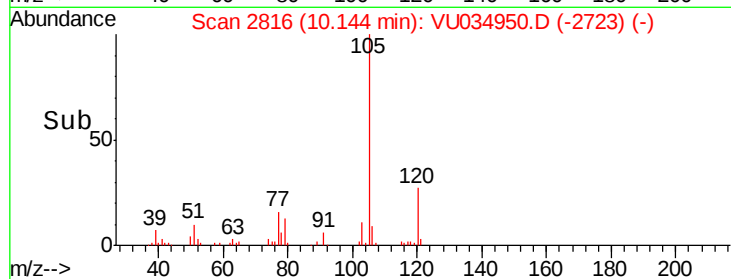
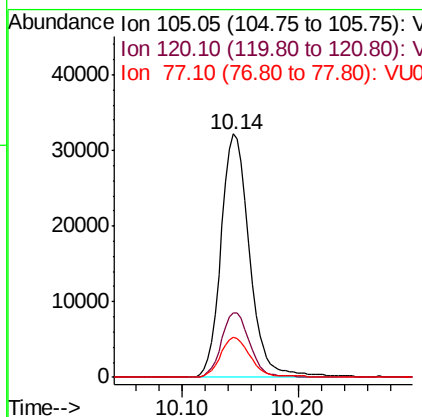
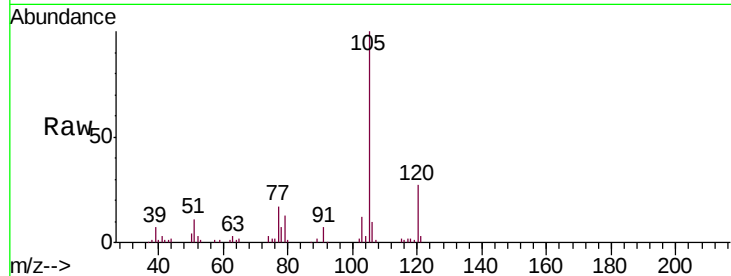




#56
Isopropylbenzene
Concen: 0.917 ug/L
RT: 10.14 min Scan# 2816
Delta R.T. -0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

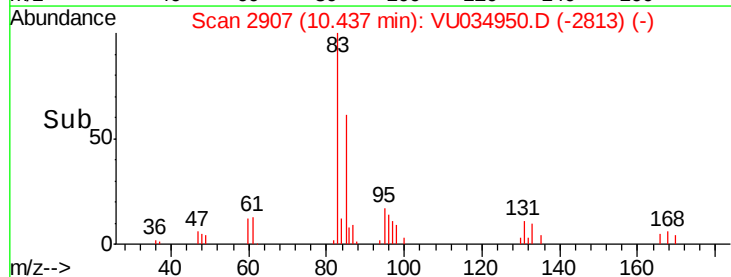
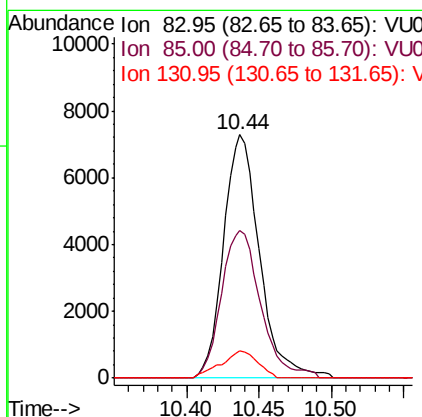
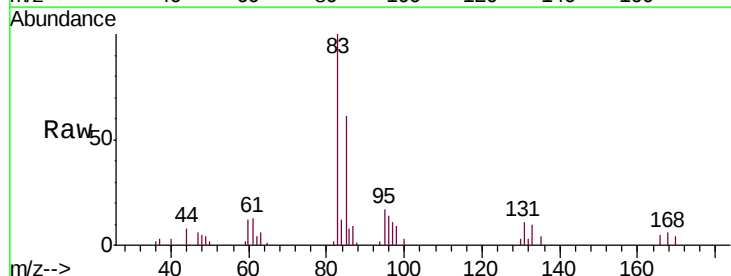
Instrument :
MSVOA_U
ClientSampleId :
VSTD00106

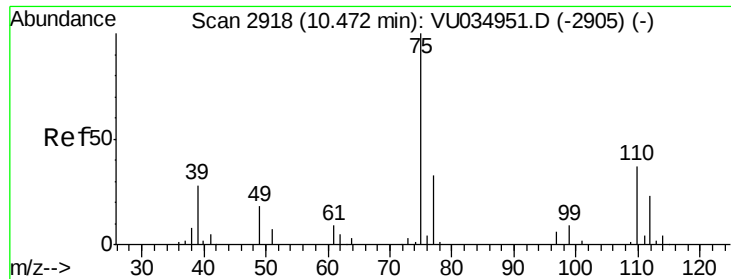
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.8	31.2
77	17.0	13.0	19.6



#58
1,1,2,2-Tetrachloroethane
Concen: 0.941 ug/L
RT: 10.44 min Scan# 2907
Delta R.T. 0.00 min
Lab File: VU034950.D
Acq: 07 Oct 2019 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.0	83.6
131	11.1	7.7	11.5

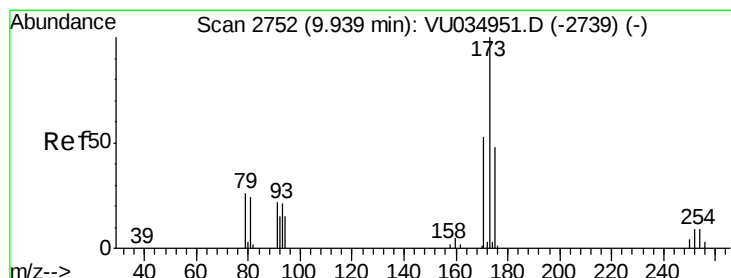
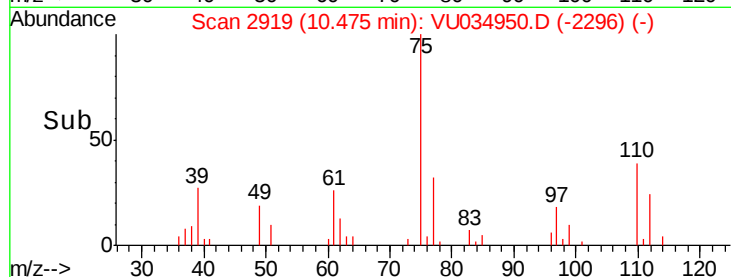
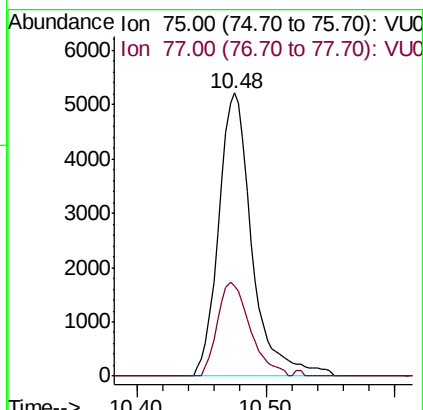
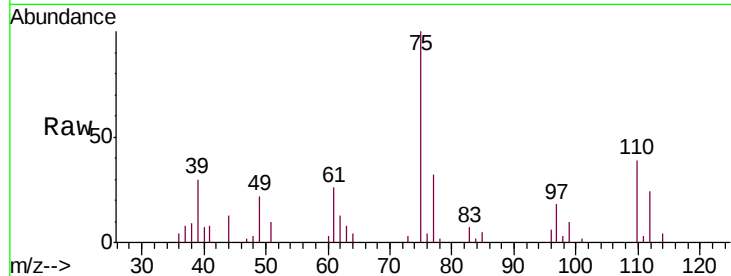




#59
 1,2,3-Trichloropropane
 Concen: 0.981 ug/L
 RT: 10.48 min Scan# 2919
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

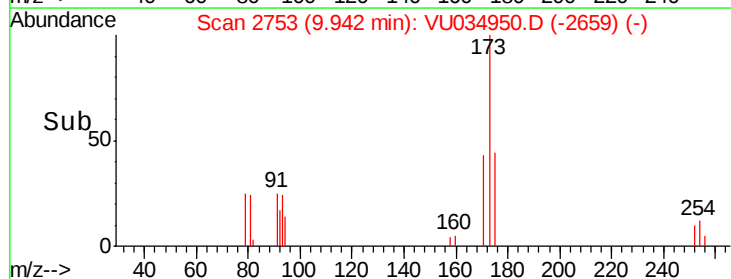
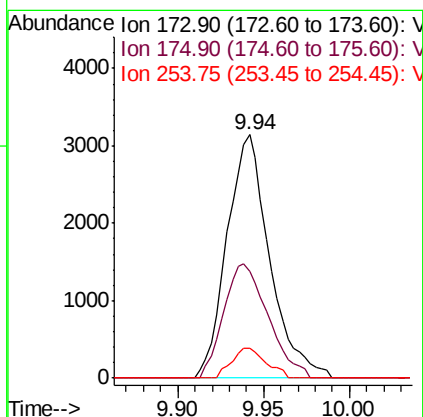
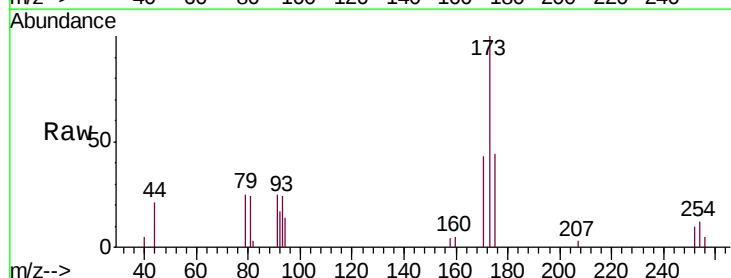
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

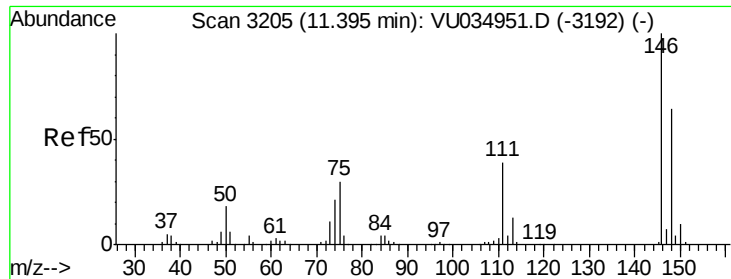
Tgt Ion: 75 Resp: 9343
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.8 38.6



#61
 Bromoform
 Concen: 0.904 ug/L
 RT: 9.94 min Scan# 2753
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion: 173 Resp: 5418
 Ion Ratio Lower Upper
 173 100
 175 48.8 39.2 58.8
 254 9.8 6.9 10.3

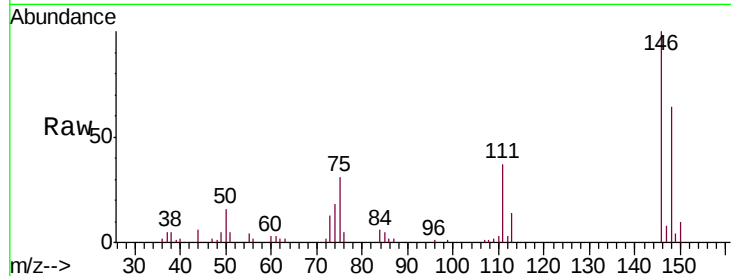




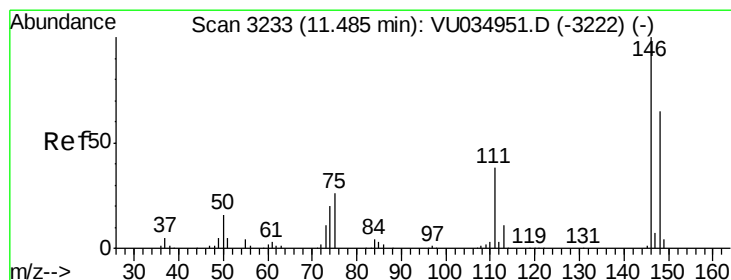
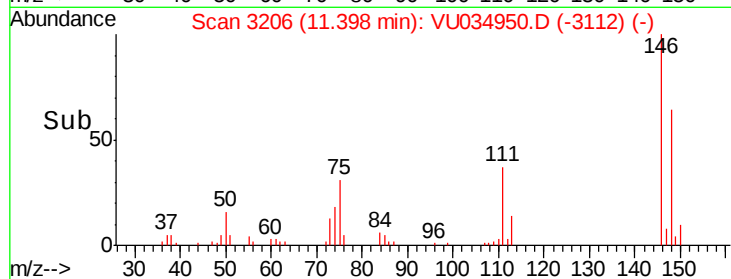
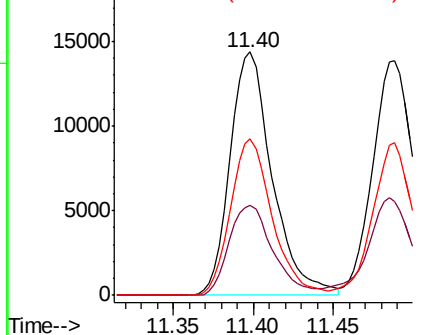
#62
 1,3-Dichlorobenzene
 Concen: 0.971 ug/L
 RT: 11.40 min Scan# 3206
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:146 Resp: 25869
 Ion Ratio Lower Upper
 146 100
 111 37.2 27.4 50.8
 148 64.3 44.5 82.7

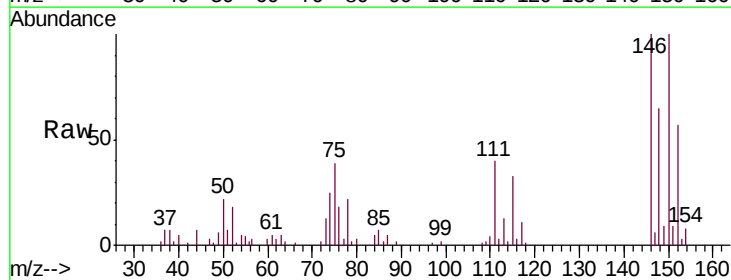


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

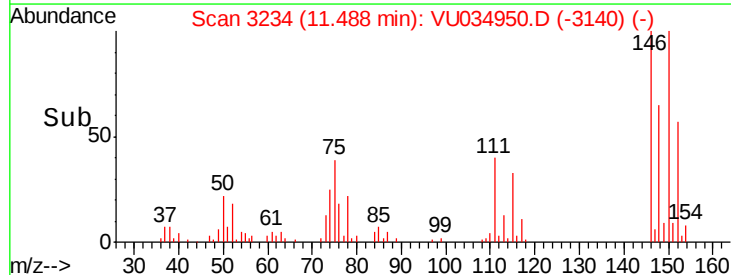
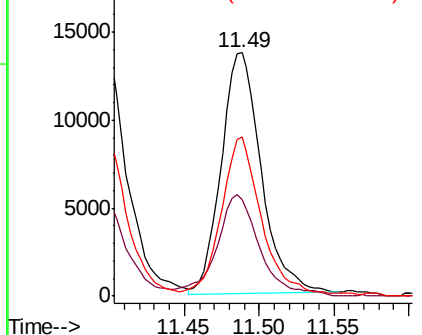


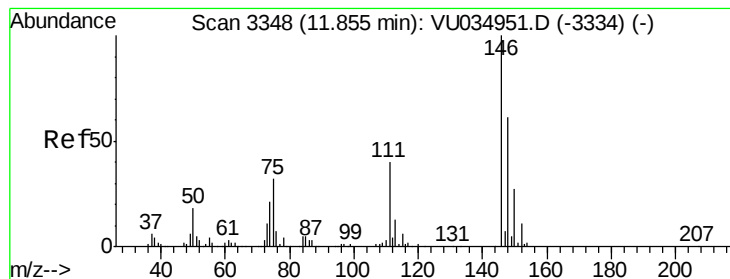
#63
 1,4-Dichlorobenzene
 Concen: 0.918 ug/L
 RT: 11.49 min Scan# 3234
 Delta R.T. 0.00 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion:146 Resp: 25524
 Ion Ratio Lower Upper
 146 100
 111 39.9 27.3 50.7
 148 65.4 45.8 85.2



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





#65

1,2-Dichlorobenzene

Concen: 0.950 ug/L

RT: 11.86 min Scan# 3349

Delta R.T. 0.00 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

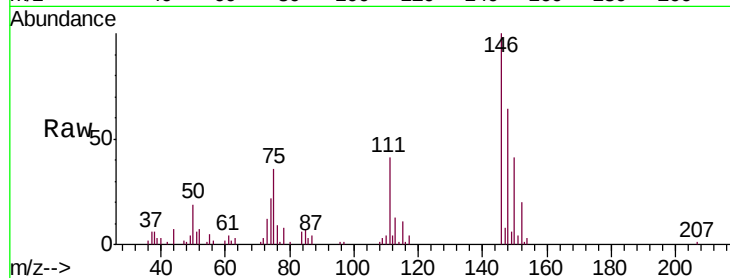
Tgt Ion:146 Resp: 25033

Ion Ratio Lower Upper

146 100

111 41.1 32.1 48.1

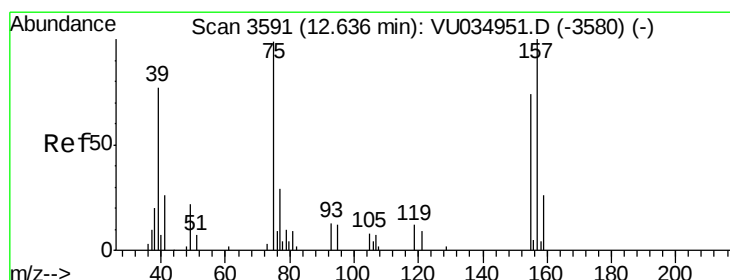
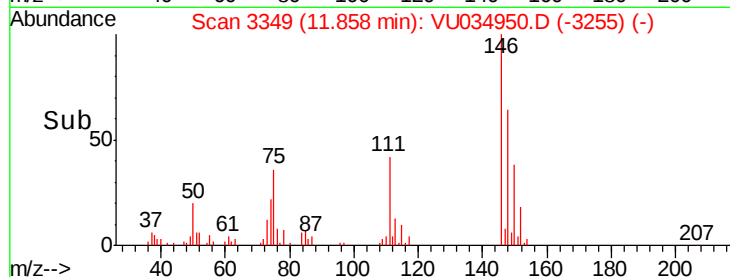
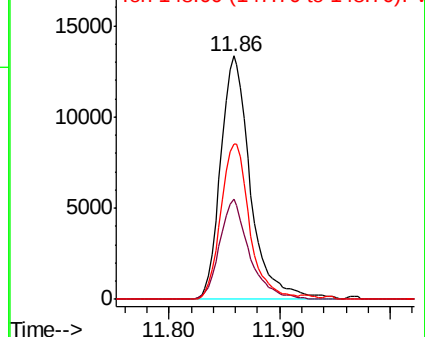
148 63.9 49.2 73.8



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#66

1,2-Dibromo-3-chloropropane

Concen: 0.625 ug/L

RT: 12.64 min Scan# 3593

Delta R.T. 0.01 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

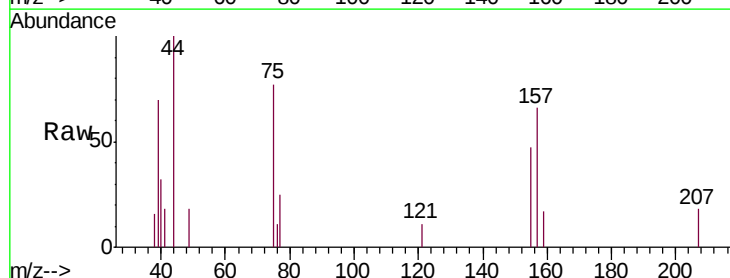
Tgt Ion: 75 Resp: 1221

Ion Ratio Lower Upper

75 100

155 61.3 59.7 89.5

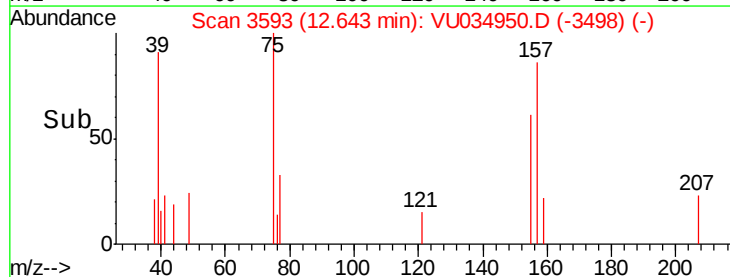
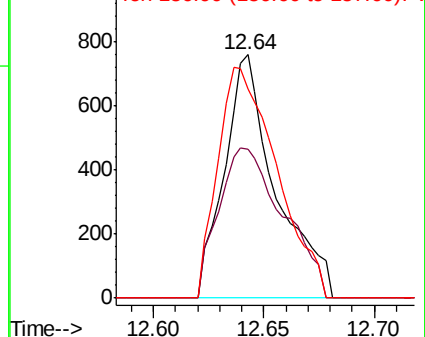
157 85.9 80.8 121.2

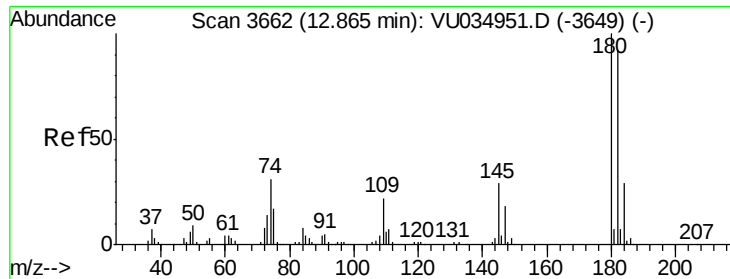


Abundance Ion 75.05 (74.75 to 75.75): VU0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

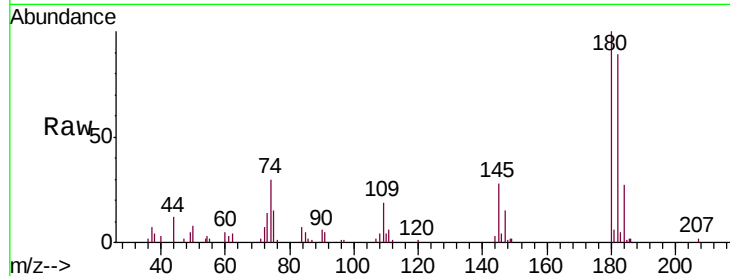




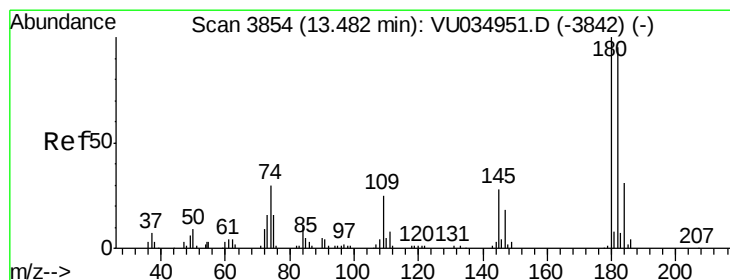
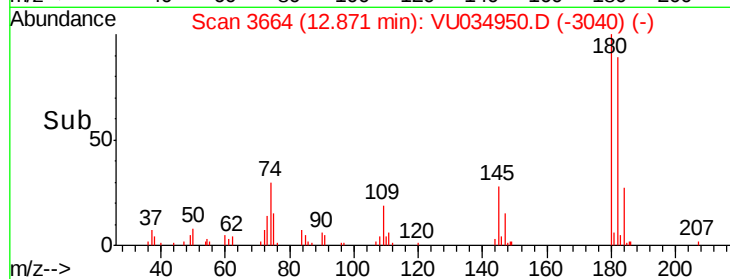
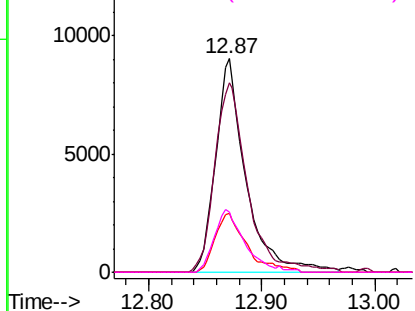
#67
 1,3,5-Trichlorobenzene
 Concen: 0.818 ug/L
 RT: 12.87 min Scan# 3664
 Delta R.T. 0.01 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00106

Tgt Ion:180 Resp: 16765
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.7 113.5
 184 28.9 24.1 36.1
 145 29.3 22.5 33.7

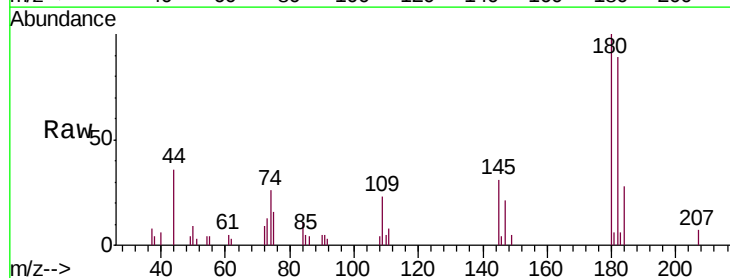


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 184.00 (183.70 to 184.70): V
 Ion 145.00 (144.70 to 145.70): V

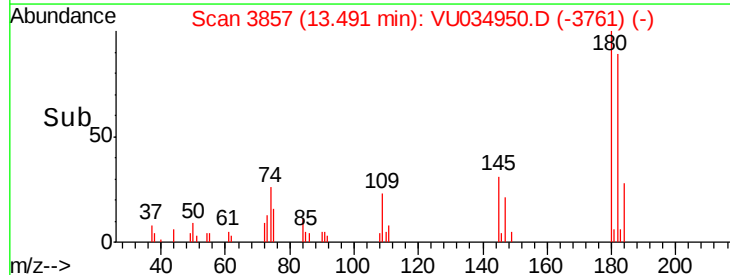
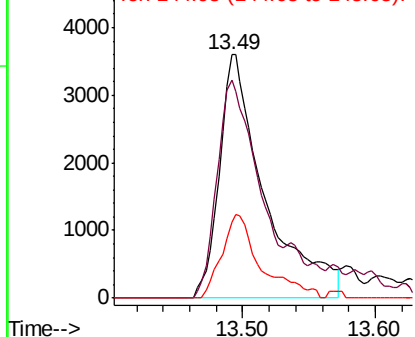


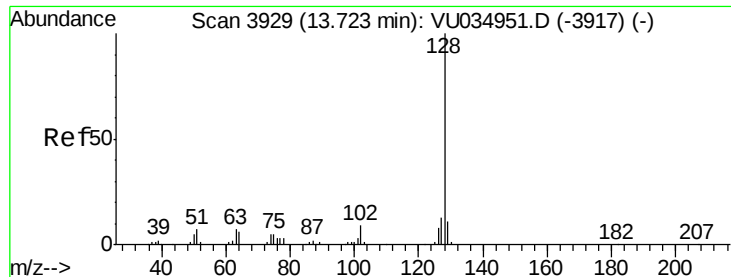
#68
 1,2,4-trichlorobenzene
 Concen: 0.529 ug/L
 RT: 13.49 min Scan# 3857
 Delta R.T. 0.01 min
 Lab File: VU034950.D
 Acq: 07 Oct 2019 10:18

Tgt Ion:180 Resp: 8597
 Ion Ratio Lower Upper
 180 100
 182 79.6 77.0 115.4
 145 29.2 22.2 33.4



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: 0.333 ug/L

RT: 13.74 min Scan# 3933

Delta R.T. 0.01 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

Instrument :

MSVOA_U

ClientSampleId :

VSTD00106

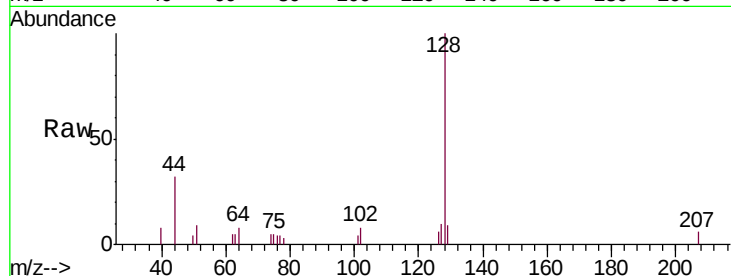
Tgt Ion:128 Resp: 9009

Ion Ratio Lower Upper

128 100

129 5.0 8.1 12.1#

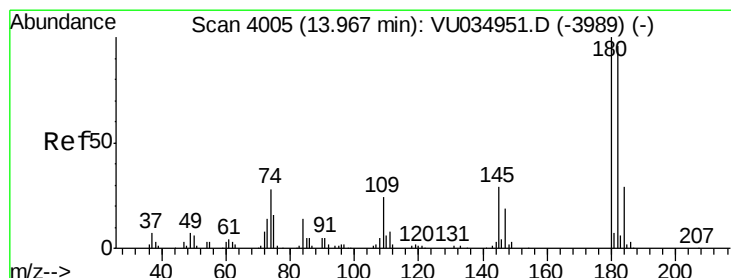
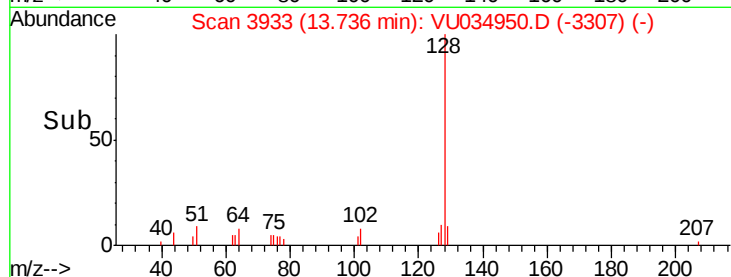
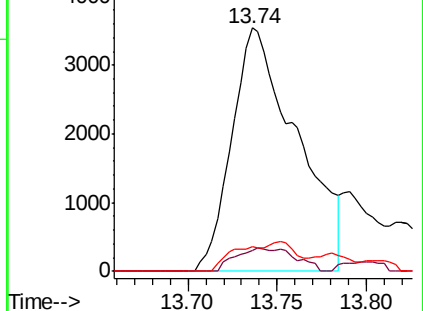
127 11.2 9.8 14.6



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: 0.576 ug/L

RT: 13.98 min Scan# 4008

Delta R.T. 0.01 min

Lab File: VU034950.D

Acq: 07 Oct 2019 10:18

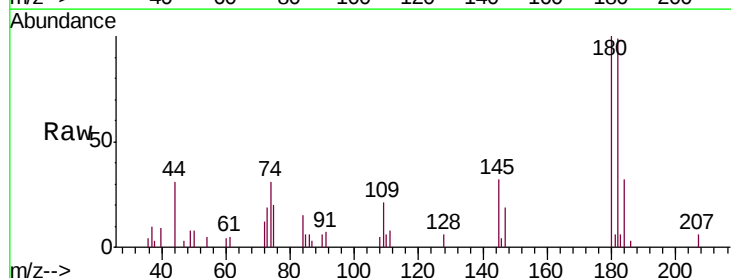
Tgt Ion:180 Resp: 8808

Ion Ratio Lower Upper

180 100

182 99.3 78.1 117.1

145 35.7 24.6 36.8



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

