

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102919\
 Data File : VU035545.D
 Acq On : 29 Oct 2019 18:27
 Operator : JC/SP
 Sample : VN1029WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	71018	1.00	ug/l	0.00

System Monitoring Compounds

57) 4-Bromofluorobenzene	10.66	95	24514	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.00%	
68) 1,2-Dichlorobenzene-d4	12.22	152	28448	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery	=	105.00%	

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	52260	1.879	ug/l 96
3) Chloromethane	1.54	50	59643	1.750	ug/l 96
4) Vinyl Chloride	1.62	62	58431	1.935	ug/l 98
5) Bromomethane	1.88	94	28821	1.877	ug/l 96
6) Chloroethane	1.95	64	33223	1.914	ug/l 97
7) Trichlorofluoromethane	2.16	101	72205	1.935	ug/l 99
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	40370	1.996	ug/l 98
9) 1,1-Dichloroethene	2.61	96	37251	1.909	ug/l 97
10) Iodomethane	2.75	142	15409	1.832	ug/l 99
11) Allyl Chloride	2.96	41	60941	1.858	ug/l 97
12) Acrylonitrile	3.38	53	20423	4.169	ug/l 91
13) Acetone	2.68	43	40972	8.616	ug/l 99
14) Carbon Disulfide	2.82	76	129734	1.880	ug/l 99
15) Methylene Chloride	3.08	84	49188	1.960	ug/l 97
16) trans-1,2-Dichloroethene	3.39	96	41436	1.931	ug/l 97
17) 1,1-Dichloroethane	3.92	63	78218	1.945	ug/l 98
18) 2-Butanone	4.79	43	52651	8.543	ug/l 97
19) Cyclohexane	5.43	56	49874	1.565	ug/l 97
20) Methylcyclohexane	6.80	83	55300	1.692	ug/l 94
21) 2,2-Dichloropropane	4.72	77	62678	1.806	ug/l 98
22) cis-1,2-Dichloroethene	4.72	96	43920	1.912	ug/l 99
23) Diethyl Ether	2.41	59	31148	1.935	ug/l 98
24) tert-Butyl Alcohol	3.28	59	35641	19.870	ug/l 95
25) Methyl tert-Butyl Ether	3.43	73	102328	1.955	ug/l 95
26) Bromochloromethane	5.03	128	20788	2.027	ug/l 97
27) Chloroform	5.14	83	81782	1.904	ug/l 97
28) 1,1,1-Trichloroethane	5.36	97	64875	1.906	ug/l 98
29) 1,1-Dichloropropene	5.57	75	51655	1.810	ug/l 99
30) Carbon Tetrachloride	5.57	117	58652	1.938	ug/l 99
31) Isopropyl Ether	4.07	45	102627	1.828	ug/l 94
32) Ethyl-t-butyl ether	4.57	59	90953	1.750	ug/l 96
33) Tert-Amyl methyl ether	6.01	73	80570	1.802	ug/l 99
34) Propionitrile	4.86	54	15723	8.808	ug/l # 92
35) Benzene	5.82	78	164983	1.894	ug/l 100
36) 1,2-Dichloroethane	5.85	62	48419	1.940	ug/l 99
37) Trichloroethene	6.58	130	44304	1.831	ug/l 97
38) 1,2-Dichloropropane	6.84	63	46258	1.937	ug/l 99
39) Methacrylonitrile	5.04	41	13306	1.985	ug/l 97
40) Methyl acrylate	4.92	55	18099	1.773	ug/l # 88
41) Tetrahydrofuran	5.15	42	12546	3.641	ug/l # 36
42) 1-Chlorobutane	5.50	56	70287	1.790	ug/l 98

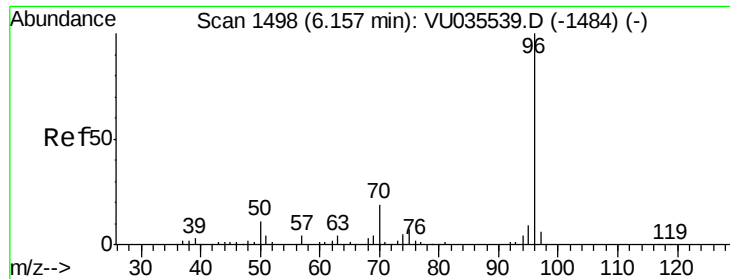
Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102919\
 Data File : VU035545.D
 Acq On : 29 Oct 2019 18:27
 Operator : JC/SP
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Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Oct 30 05:45:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U102919DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 30 05:38:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.96	93	23637	1.981	ug/l	98
44) Bromodichloromethane	7.15	83	57224	1.925	ug/l	99
45) 4-Methyl-2-Pentanone	7.85	43	112184	8.818	ug/l	97
46) t-1,4-Dichloro-2-butene	10.86	75	43028	9.306	ug/l #	60
47) Methyl methacrylate	7.02	69	35085	3.551	ug/l	96
48) Ethyl methacrylate	8.38	69	30334	1.757	ug/l	94
49) Toluene	8.01	92	90615	1.809	ug/l	99
50) t-1,3-Dichloropropene	8.25	75	49271	1.872	ug/l	100
51) cis-1,3-Dichloropropene	7.65	75	59536	1.906	ug/l	98
52) 1,1,2-Trichloroethane	8.44	97	32905	1.968	ug/l	100
53) 1,3-Dichloropropane	8.61	76	53787	1.898	ug/l	98
54) 2-Hexanone	8.74	43	75702	8.374	ug/l	92
55) Dibromochloromethane	8.84	129	40790	1.998	ug/l	97
56) 1,2-Dibromoethane	8.96	107	29445	1.925	ug/l	97
58) Tetrachloroethene	8.58	164	42675	1.924	ug/l	96
59) Chlorobenzene	9.48	112	107268	1.857	ug/l	95
60) 1,1,1,2-Tetrachloroethane	9.57	131	42536	1.916	ug/l	100
61) Pentachloroethane	11.46	117	35036	1.936	ug/l	95
62) Hexachloroethane	12.50	117	31309	1.894	ug/l	99
63) Ethyl Benzene	9.60	91	156858	1.749	ug/l	98
64) m/p-Xylenes	9.73	106	122779	3.467	ug/l #	2
65) o-Xylene	10.13	106	60227	1.760	ug/l	100
66) Styrene	10.14	104	99413	1.755	ug/l	98
67) Bromoform	10.32	173	23629	1.866	ug/l	98
69) Isopropylbenzene	10.51	105	155742	1.746	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.81	83	42770	1.919	ug/l #	62
71) 1,2,3-Trichloropropane	10.86	75	43028	2.570	ug/l	77
72) Bromobenzene	10.81	156	46440	1.868	ug/l	97
73) n-propylbenzene	10.93	120	41520	1.666	ug/l	91
74) 2-Chlorotoluene	11.02	126	42921	1.837	ug/l	99
75) 1,3,5-Trimethylbenzene	11.11	105	128833	1.752	ug/l	100
76) 4-Chlorotoluene	11.13	126	45162	1.903	ug/l	97
77) tert-Butylbenzene	11.45	119	133760	1.774	ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	129837	1.745	ug/l	99
79) sec-Butylbenzene	11.67	105	171649	1.780	ug/l	99
80) Nitrobenzene	13.24	77	2368	3.170	ug/l #	97
81) p-Isopropyltoluene	11.82	119	132443	1.716	ug/l #	68
82) 1,3-Dichlorobenzene	11.77	146	90331	1.908	ug/l	98
83) 1,4-Dichlorobenzene	11.86	146	85913	1.892	ug/l	98
84) n-Butylbenzene	12.23	91	110138	1.739	ug/l	98
85) 1,2-Dichlorobenzene	12.24	146	84820	1.902	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5443	1.917	ug/l	96
87) 1,2,4-Trichlorobenzene	13.87	180	26468	1.806	ug/l	97
88) Hexachlorobutadiene	14.04	225	32821	1.976	ug/l	98
89) Naphthalene	14.11	128	27997	1.626	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	27358	1.774	ug/l	97

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



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.16 min Scan# 1498

Delta R.T. -0.00 min

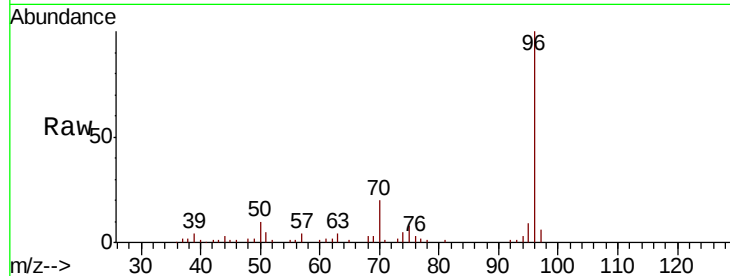
Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

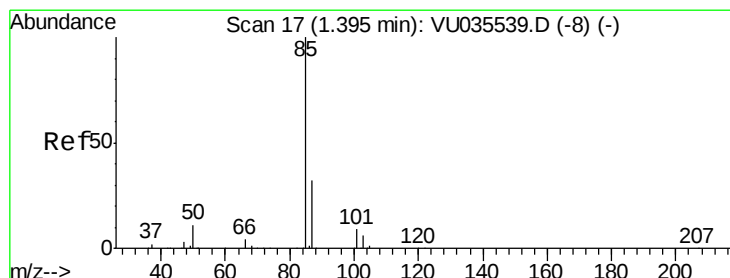
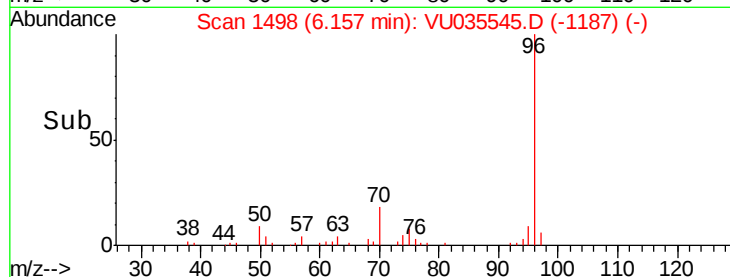
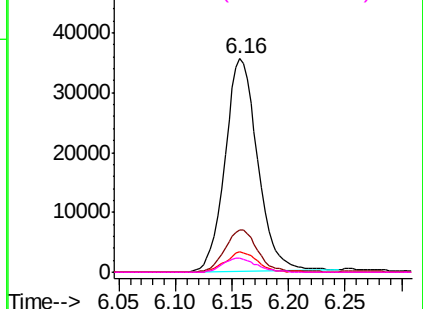
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 96 Resp: 71018

Ion	Ratio	Lower	Upper
96	100		
70	20.3	15.8	23.8
95	8.9	7.4	11.2
97	6.7	0.0	0.0#



Abundance Ion 96.00 (95.70 to 96.70): VU035539.D (-1484) (-)



#2

Dichlorodifluoromethane

Concen: 1.879 ug/l

RT: 1.40 min Scan# 18

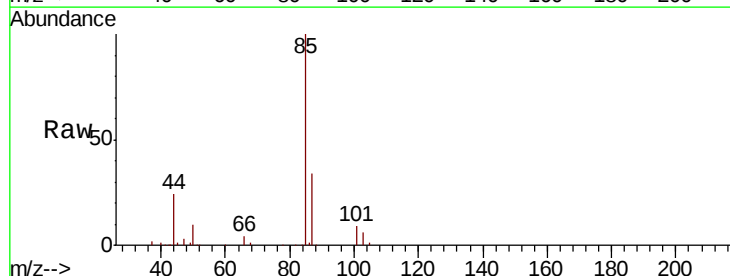
Delta R.T. 0.00 min

Lab File: VU035545.D

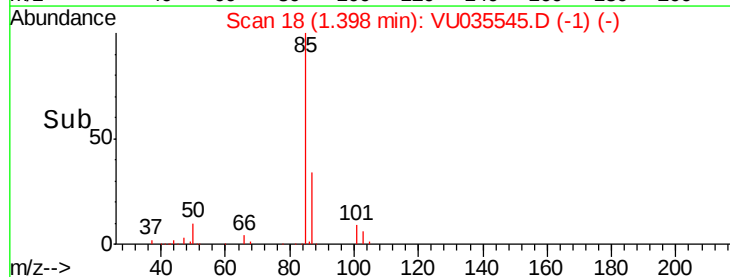
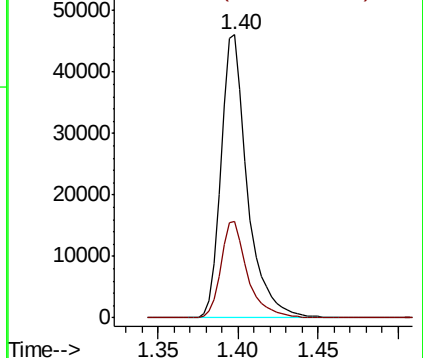
Acq: 29 Oct 2019 18:27

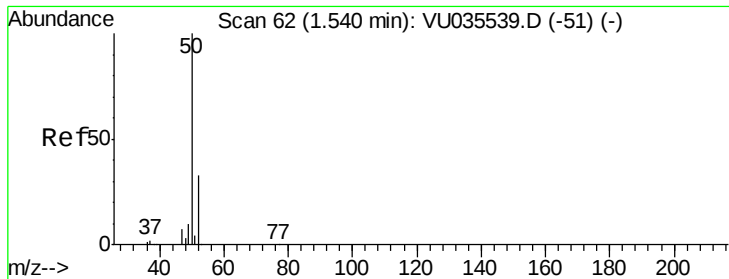
Tgt Ion: 85 Resp: 52260

Ion	Ratio	Lower	Upper
85	100		
87	33.9	15.8	47.4



Abundance Ion 85.00 (84.70 to 85.70): VU035539.D (-8) (-)





#3

Chloromethane

Concen: 1.750 ug/l

RT: 1.54 min Scan# 62

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

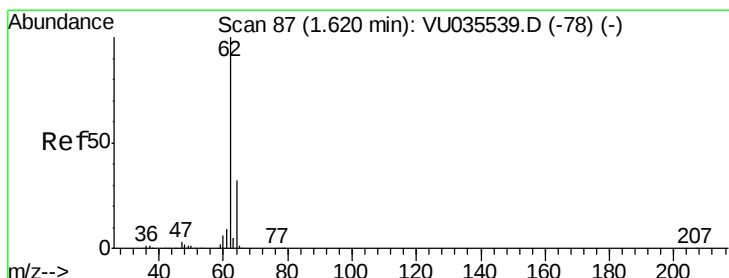
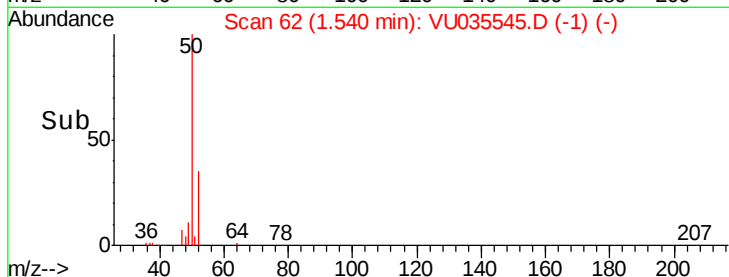
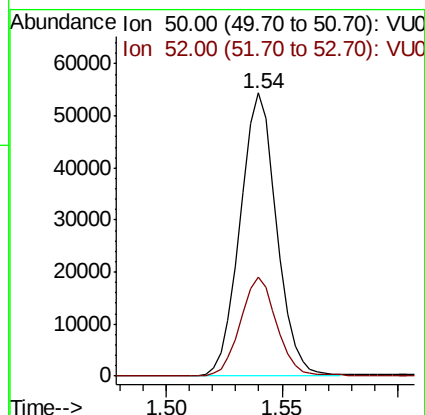
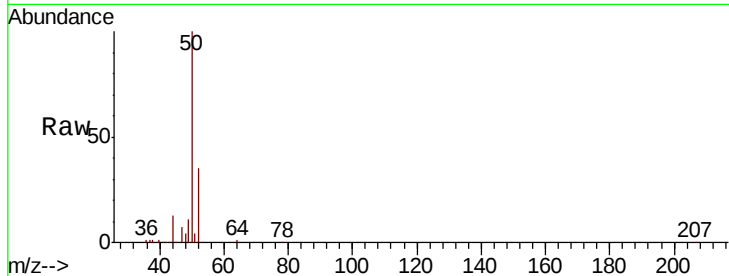
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 50 Resp: 59643

Ion Ratio Lower Upper

50 100

52 34.8 26.0 39.0



#4

Vinyl Chloride

Concen: 1.935 ug/l

RT: 1.62 min Scan# 87

Delta R.T. -0.00 min

Lab File: VU035545.D

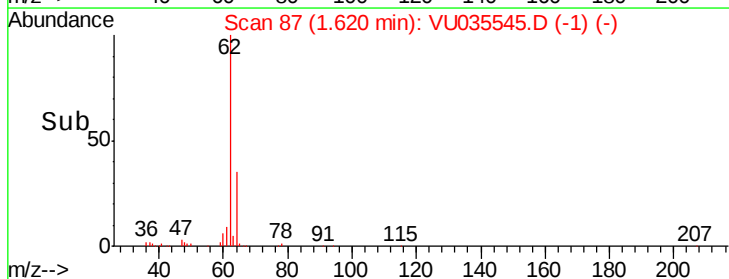
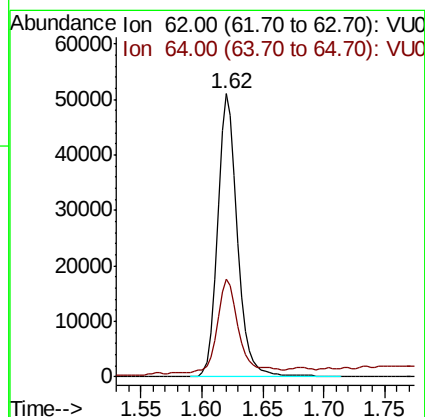
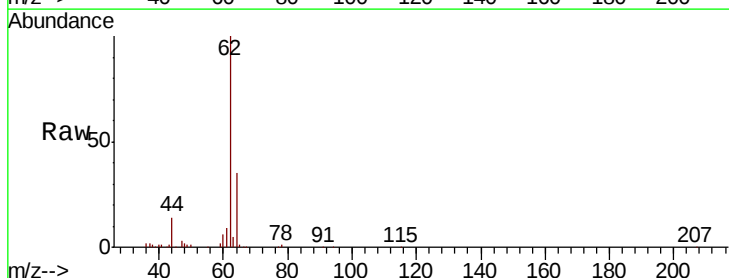
Acq: 29 Oct 2019 18:27

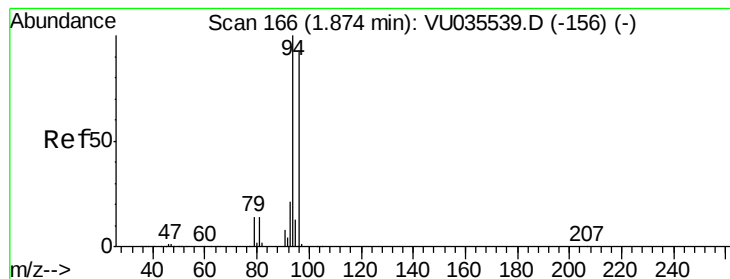
Tgt Ion: 62 Resp: 58431

Ion Ratio Lower Upper

62 100

64 33.0 25.6 38.4





#5

Bromomethane

Concen: 1.877 ug/l

RT: 1.88 min Scan# 167

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

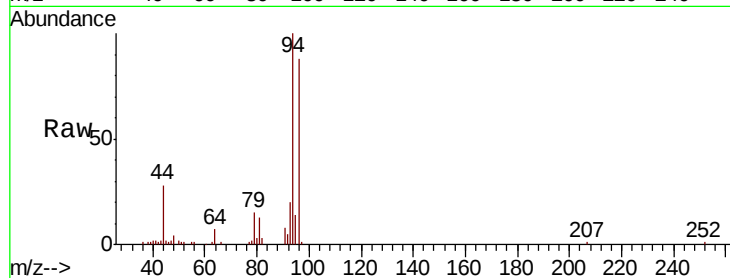
ClientSampleId :

Tot Ion: 94 Resp: 28821

Ion Ratio Lower Upper

94 100

96 88.2 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VU035539.D (-156) (-)

Ion 96.00 (95.70 to 96.70): VU035539.D (-156) (-)

1.88

25000

20000

15000

10000

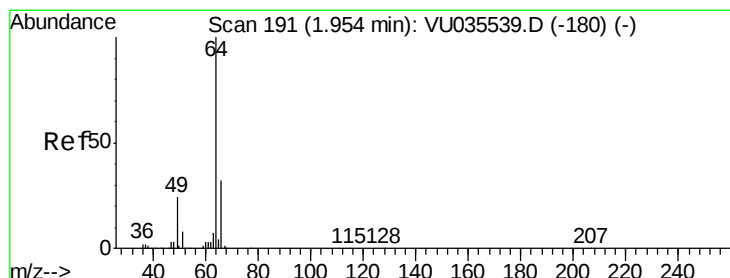
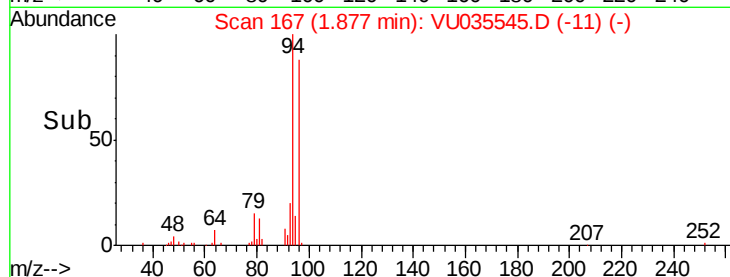
5000

0

1.85

1.90

Time-->



#6

Chloroethane

Concen: 1.914 ug/l

RT: 1.95 min Scan# 191

Delta R.T. -0.00 min

Lab File: VU035545.D

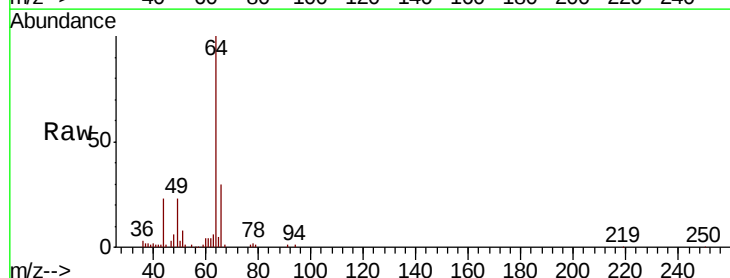
Acq: 29 Oct 2019 18:27

Tgt Ion: 64 Resp: 33223

Ion Ratio Lower Upper

64 100

66 30.9 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VU035539.D (-180) (-)

Ion 66.00 (65.70 to 66.70): VU035539.D (-180) (-)

1.95

30000

25000

20000

15000

10000

5000

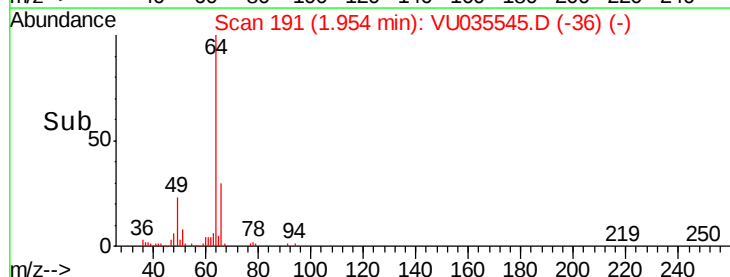
0

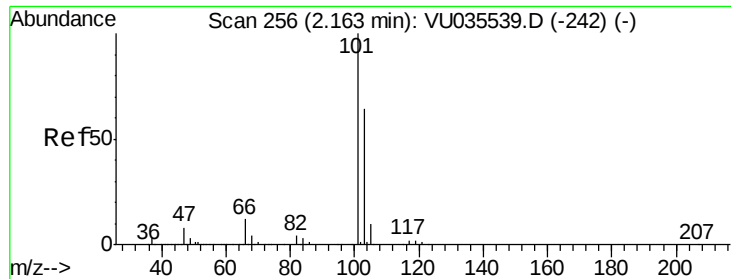
1.90

1.95

2.00

Time-->



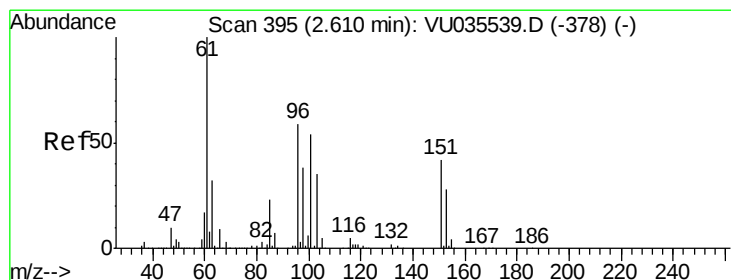
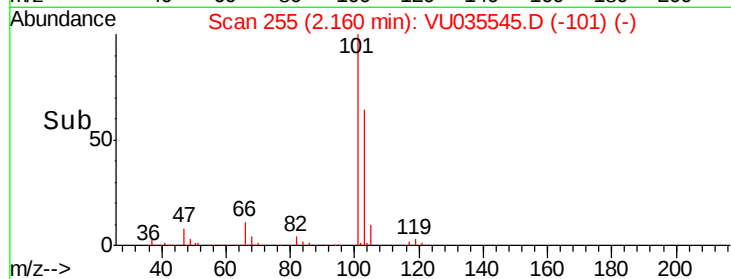
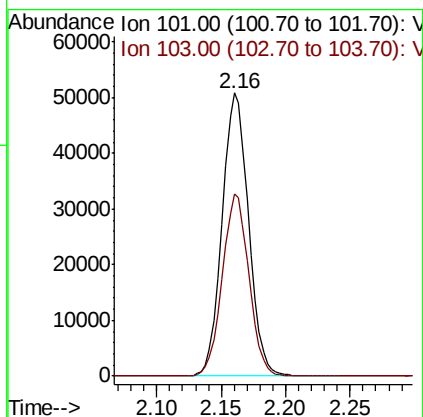
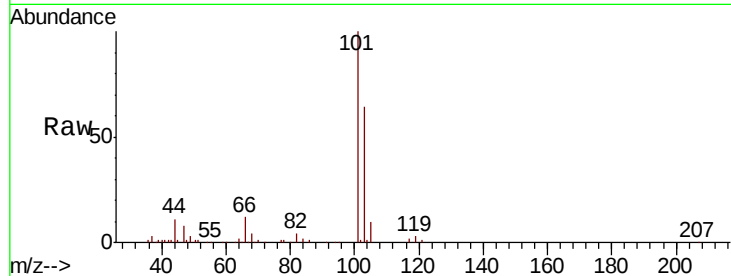


#7

Trichlorofluoromethane
Concen: 1.935 ug/l
RT: 2.16 min Scan# 255
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampled :

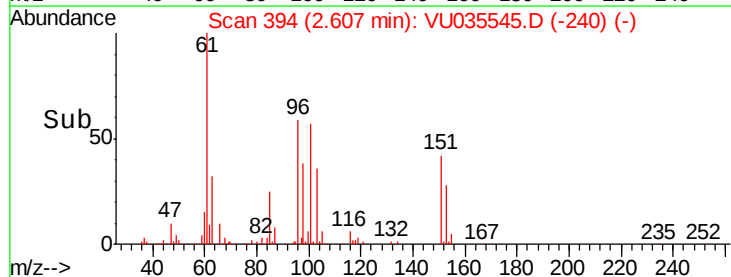
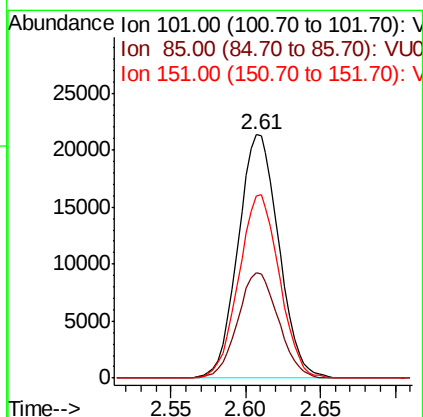
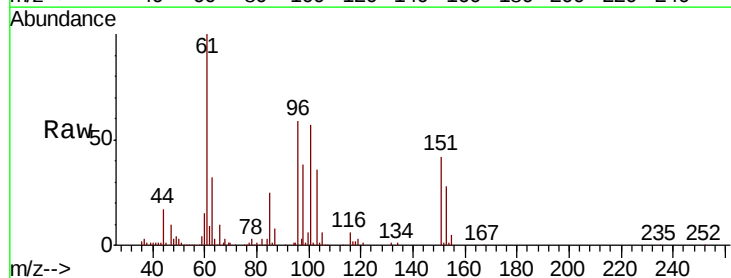
Tot Ion:101 Resp: 72205
Ion Ratio Lower Upper
101 100
103 64.4 51.0 76.6

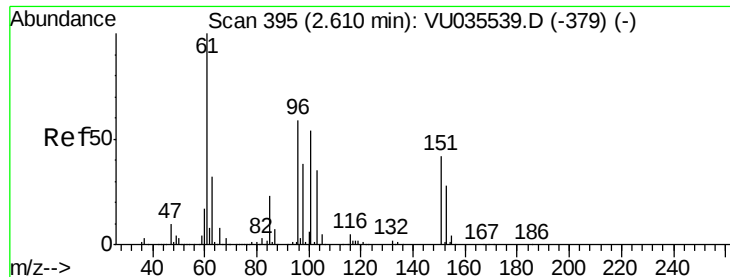


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.996 ug/l
RT: 2.61 min Scan# 394
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:101 Resp: 40370
Ion Ratio Lower Upper
101 100
85 43.2 35.8 53.6
151 75.0 61.8 92.6





#9

1,1-Dichloroethene

Concen: 1.909 ug/l

RT: 2.61 min Scan# 395

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

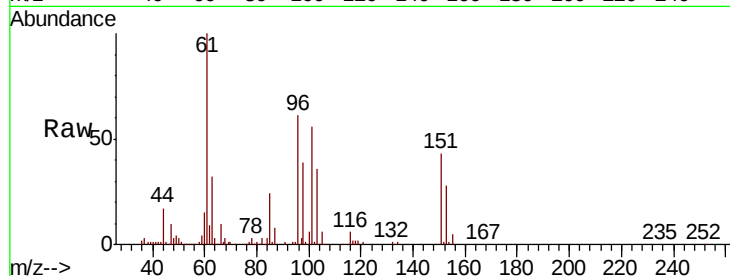
Tot Ion: 96 Resp: 37251

Ion Ratio Lower Upper

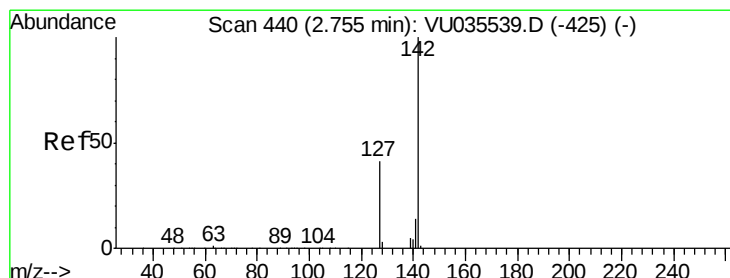
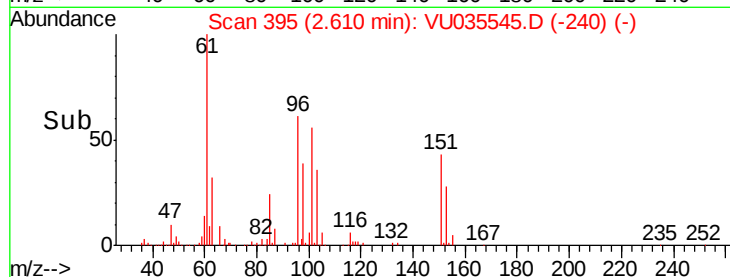
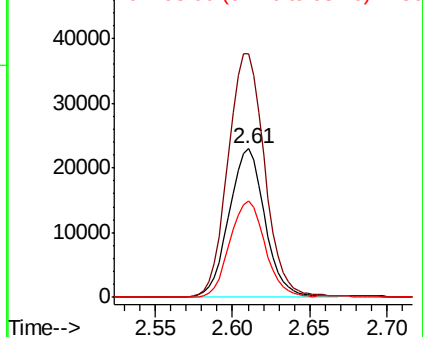
96 100

61 163.4 0.0 508.8

98 64.6 0.0 130.4



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#10

Iodomethane

Concen: 1.832 ug/l

RT: 2.75 min Scan# 440

Delta R.T. -0.00 min

Lab File: VU035545.D

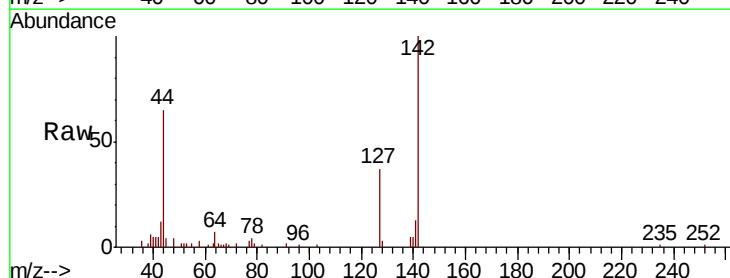
Acq: 29 Oct 2019 18:27

Tgt Ion:142 Resp: 15409

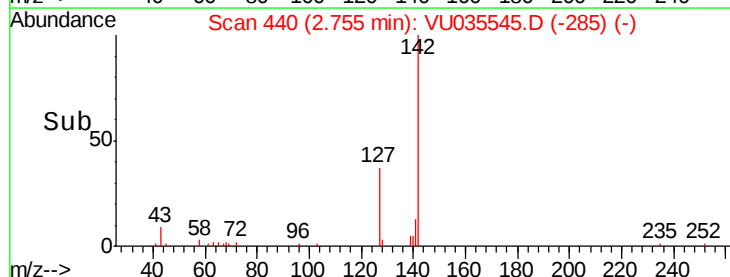
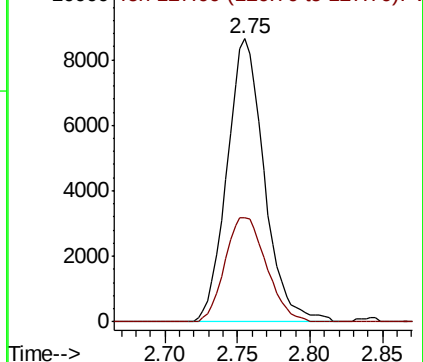
Ion Ratio Lower Upper

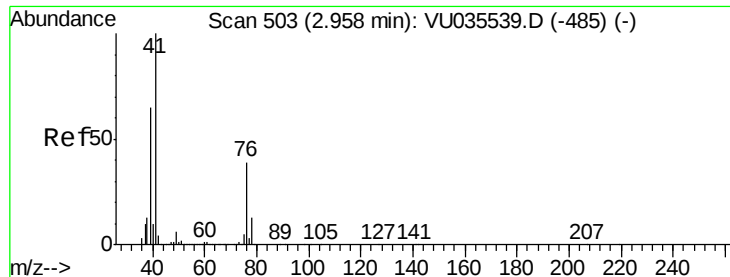
142 100

127 40.9 33.4 50.0



Abundance Ion 142.00 (141.70 to 142.70): V
Ion 127.00 (126.70 to 127.70): V

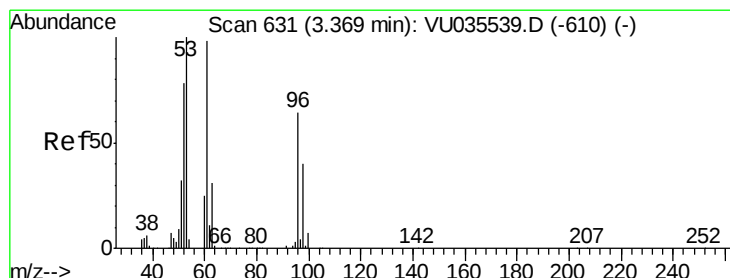
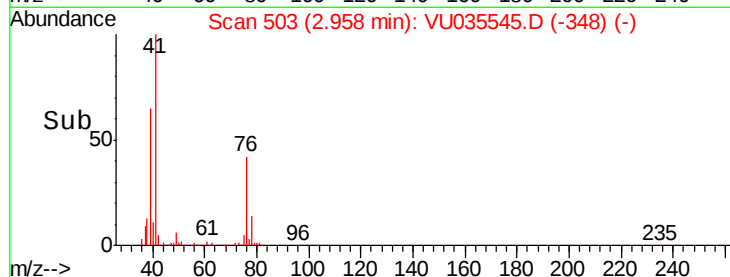
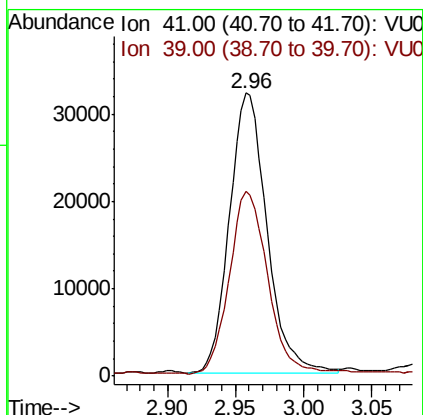
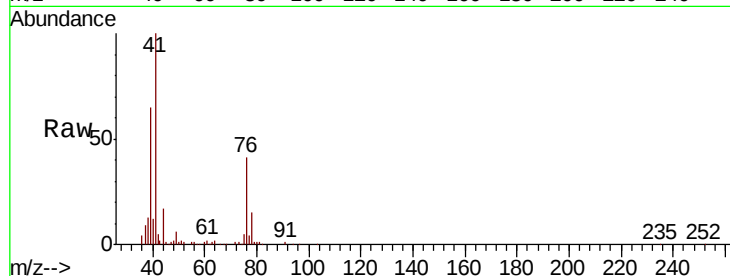




#11
 Allvl Chloride
 Concen: 1.858 ug/l
 RT: 2.96 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

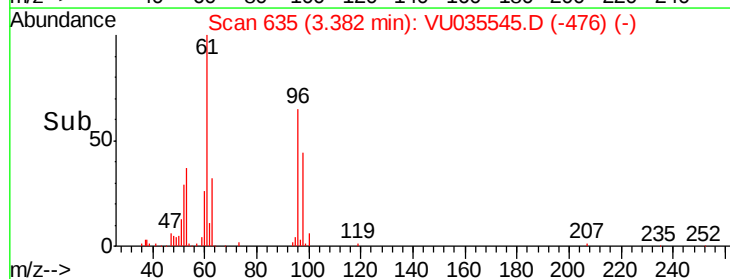
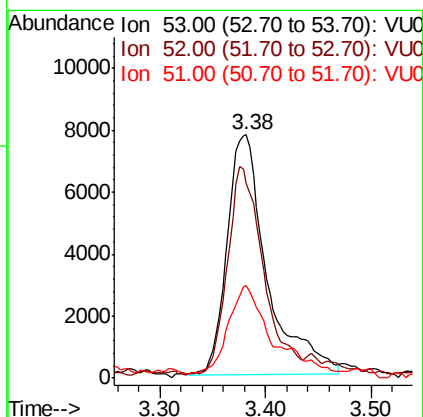
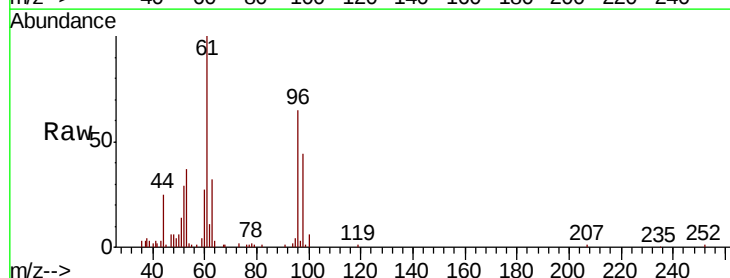
Instrument :
 MSVOA_U
 ClientSampleId :

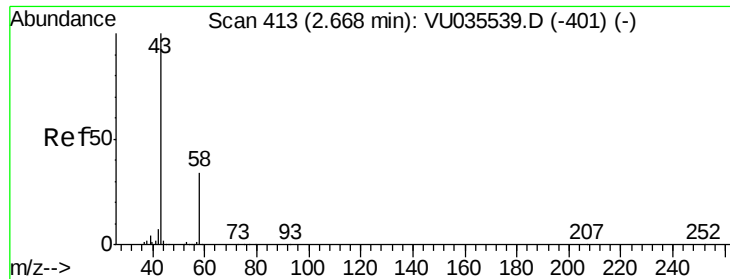
Tot Ion: 41 Resp: 60941
 Ion Ratio Lower Upper
 41 100
 39 67.4 52.0 78.0



#12
 Acrylonitrile
 Concen: 4.169 ug/l
 RT: 3.38 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion: 53 Resp: 20423
 Ion Ratio Lower Upper
 53 100
 52 76.1 67.4 101.0
 51 39.3 27.0 40.4





#13

Acetone

Concen: 8.616 ug/l

RT: 2.68 min Scan# 417

Delta R.T. 0.01 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

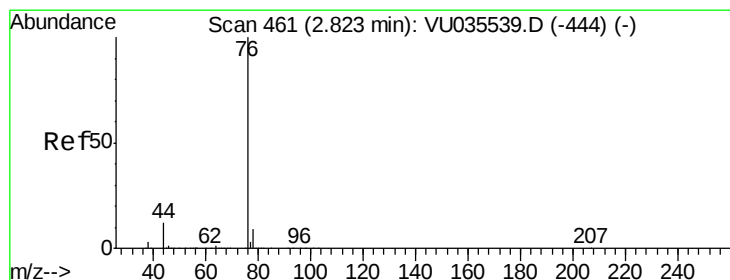
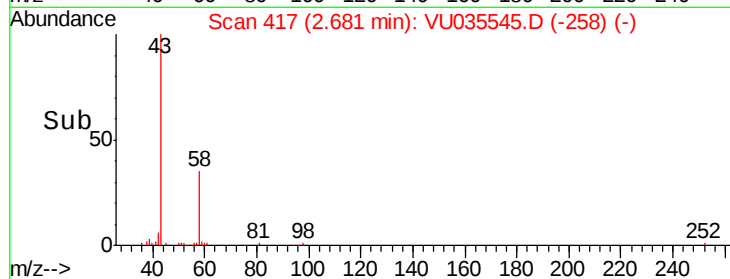
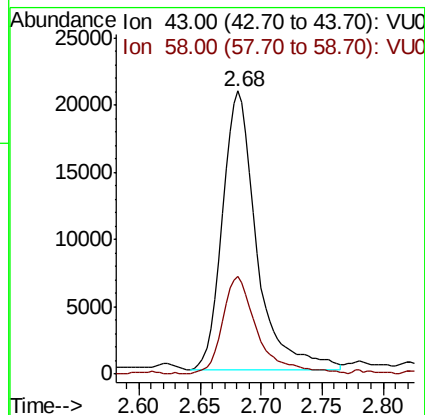
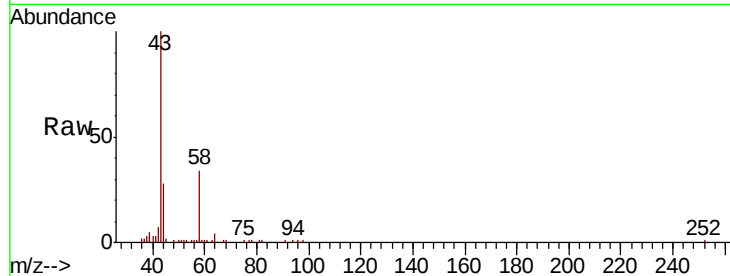
ClientSampleId :

Tot Ion: 43 Resp: 40972

Ion Ratio Lower Upper

43 100

58 34.9 27.6 41.4



#14

Carbon Disulfide

Concen: 1.880 ug/l

RT: 2.82 min Scan# 461

Delta R.T. -0.00 min

Lab File: VU035545.D

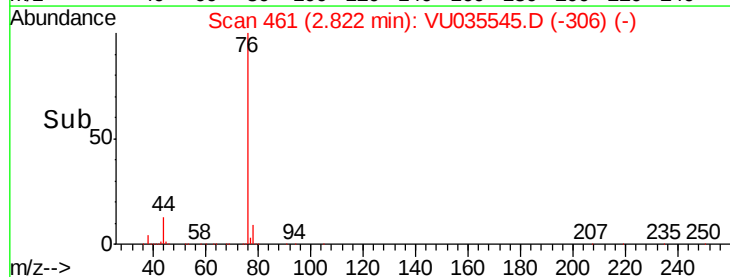
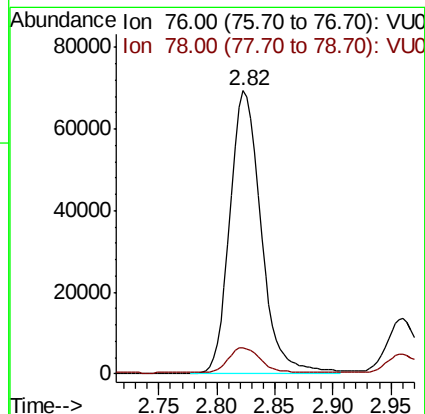
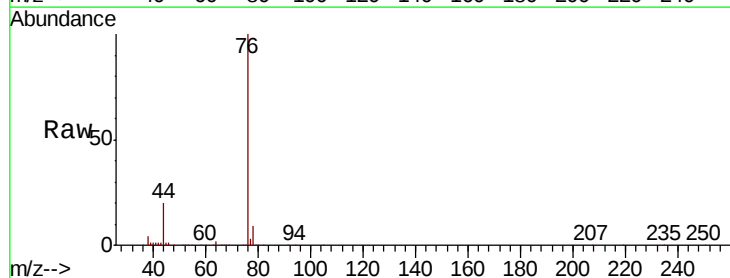
Acq: 29 Oct 2019 18:27

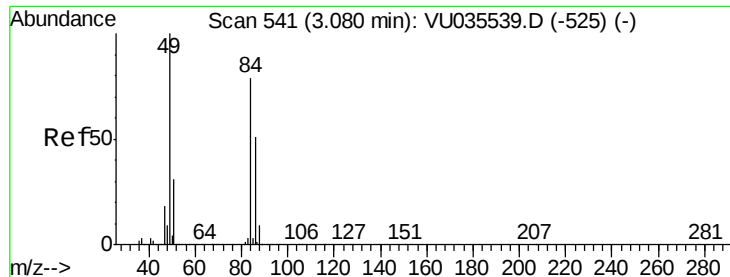
Tgt Ion: 76 Resp: 129734

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2

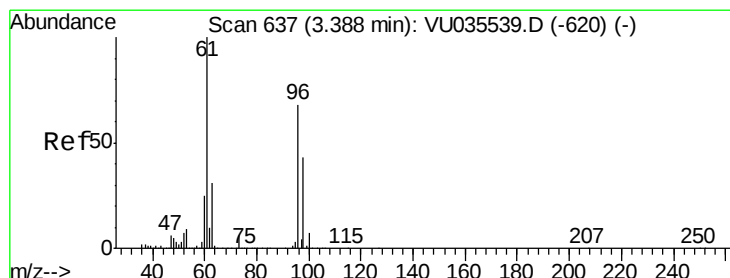
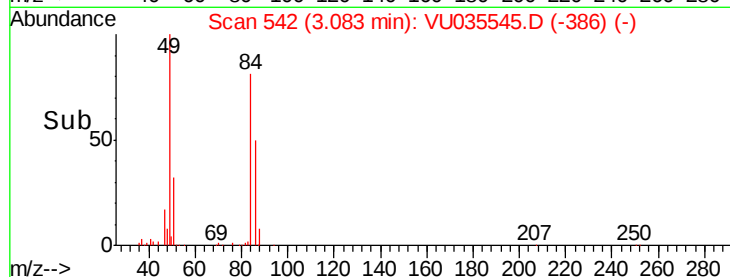
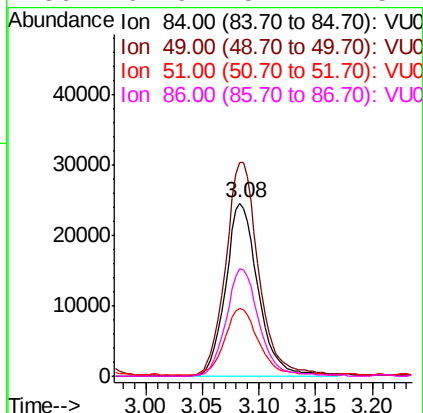
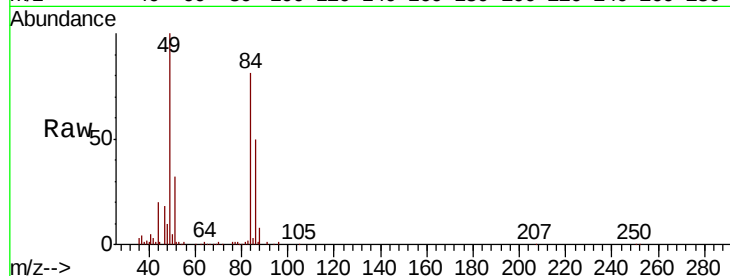




#15
Methvlene Chloride
Concen: 1.960 ug/l
RT: 3.08 min Scan# 542
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

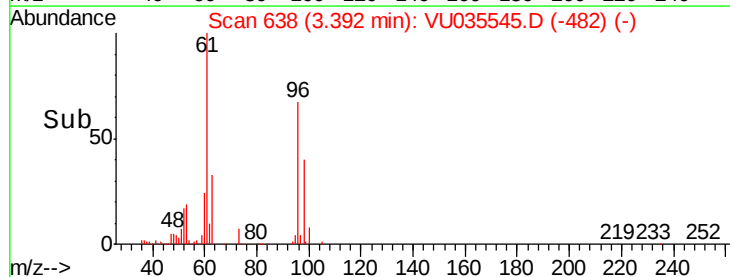
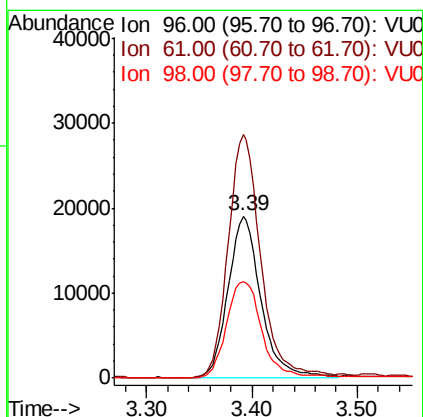
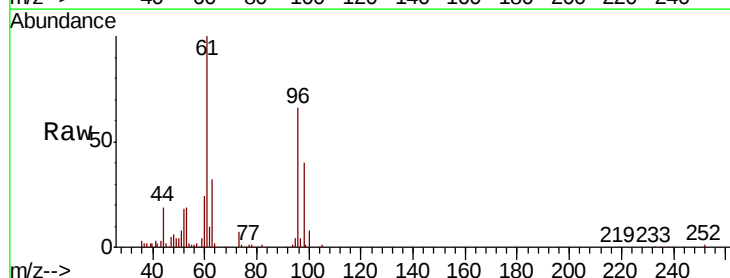
Instrument :
MSVOA_U
ClientSampleId :

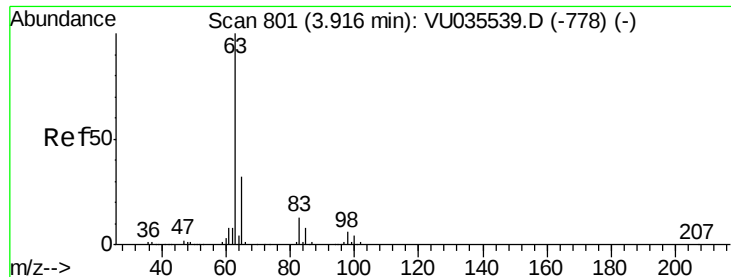
Tot Ion: 84 Resp: 49188
Ion Ratio Lower Upper
84 100
49 123.3 101.5 152.3
51 38.6 0.0 78.6
86 61.9 52.2 78.2



#16
trans-1,2-Dichloroethene
Concen: 1.931 ug/l
RT: 3.39 min Scan# 638
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 96 Resp: 41436
Ion Ratio Lower Upper
96 100
61 150.5 117.8 176.8
98 59.8 50.2 75.2





#17

1,1-Dichloroethane

Concen: 1.945 ug/l

RT: 3.92 min Scan# 802

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

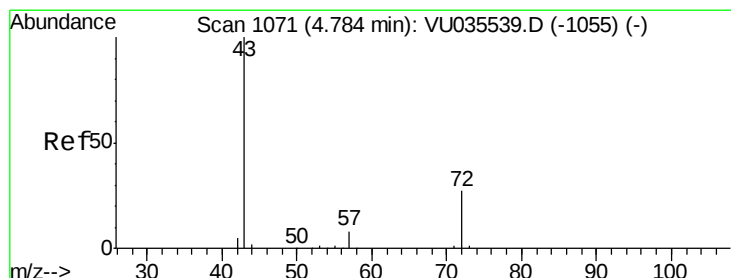
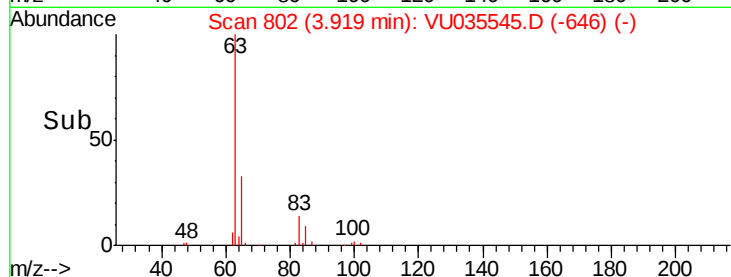
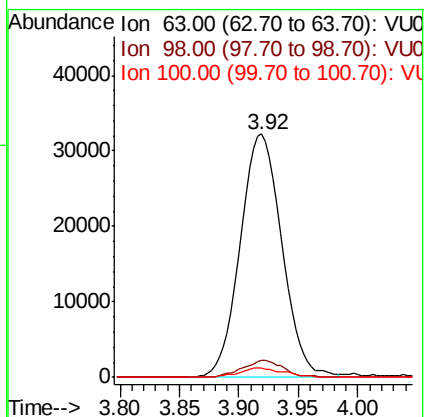
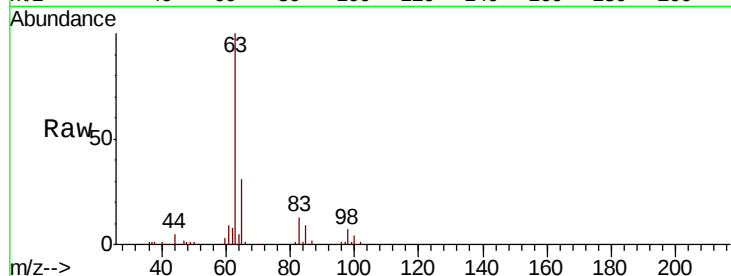
Tot Ion: 63 Resp: 78218

Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.3

100 3.8 2.1 6.3



#18

2-Butanone

Concen: 8.543 ug/l

RT: 4.79 min Scan# 1074

Delta R.T. 0.01 min

Lab File: VU035545.D

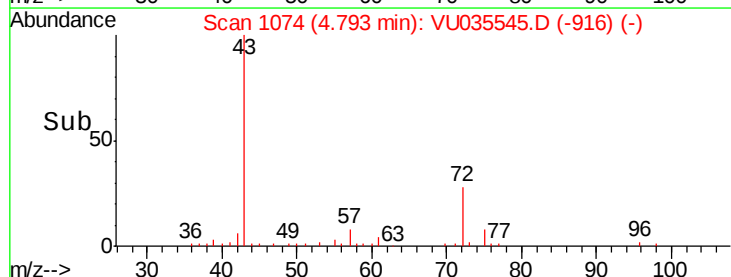
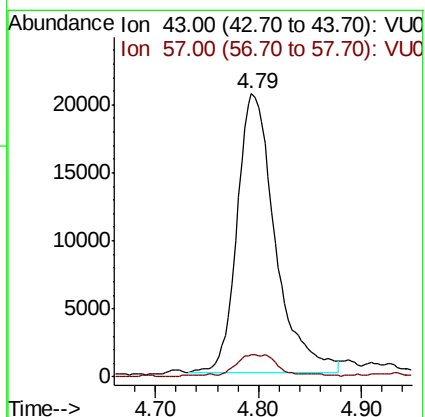
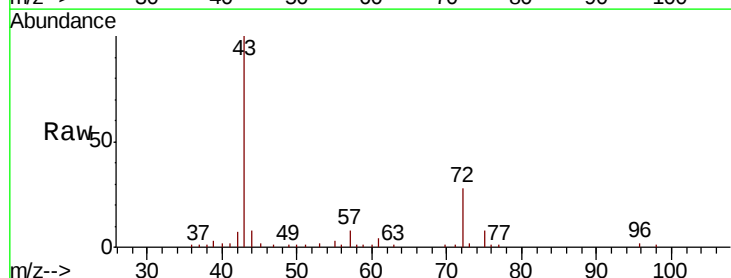
Acq: 29 Oct 2019 18:27

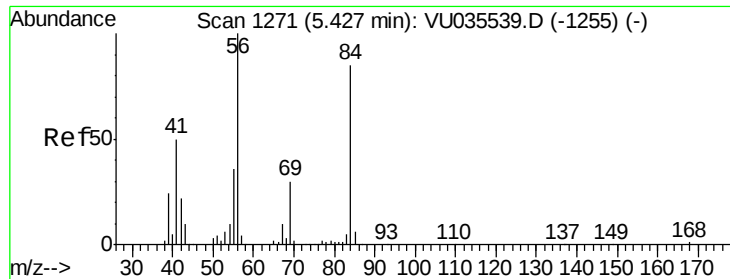
Tgt Ion: 43 Resp: 52651

Ion Ratio Lower Upper

43 100

57 7.6 0.0 17.0

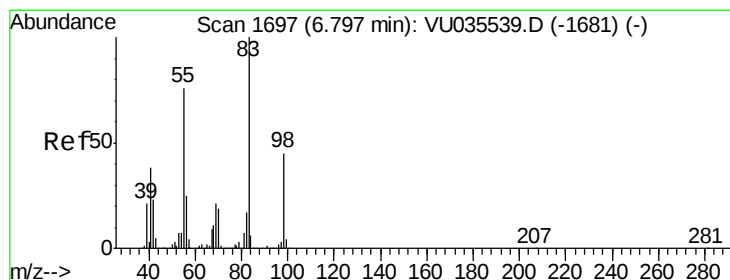
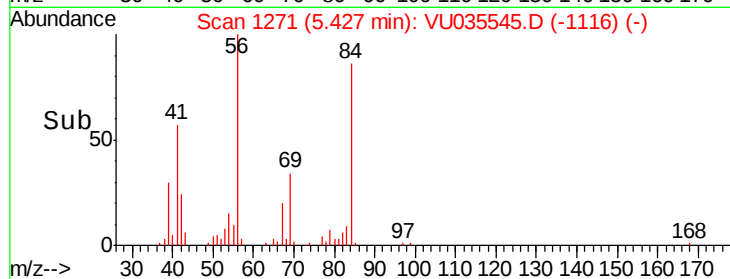
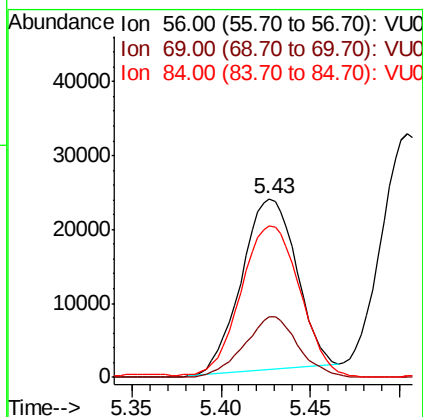
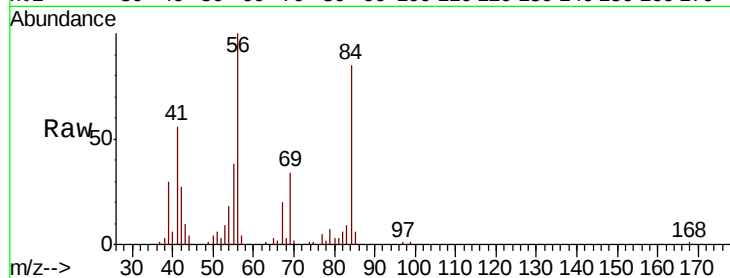




#19
Cyclohexane
Concen: 1.565 ug/l
RT: 5.43 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

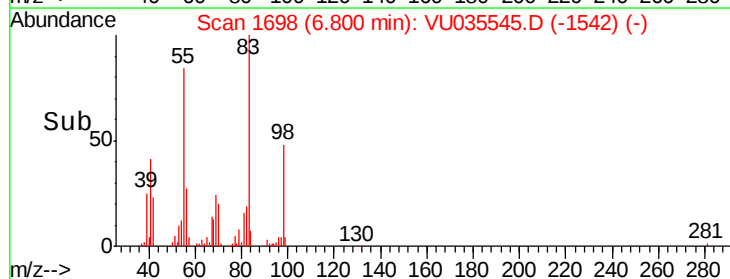
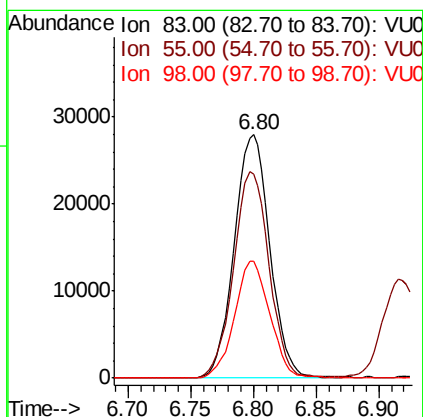
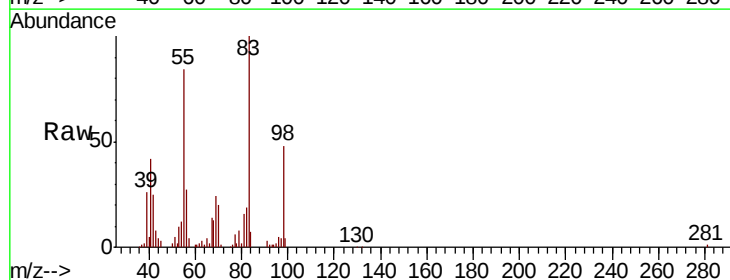
Instrument :
MSVOA_U
ClientSampleId :

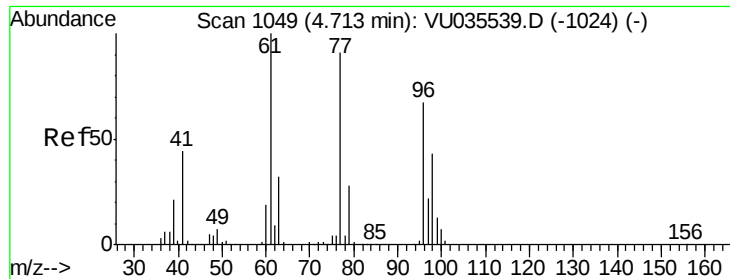
Tot Ion: 56 Resp: 49874
Ion Ratio Lower Upper
56 100
69 34.7 26.4 39.6
84 94.0 72.9 109.3



#20
Methylcyclohexane
Concen: 1.692 ug/l
RT: 6.80 min Scan# 1698
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 83 Resp: 55300
Ion Ratio Lower Upper
83 100
55 83.9 61.2 91.8
98 47.2 36.7 55.1

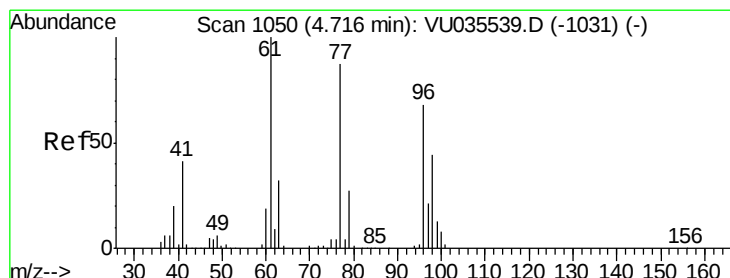
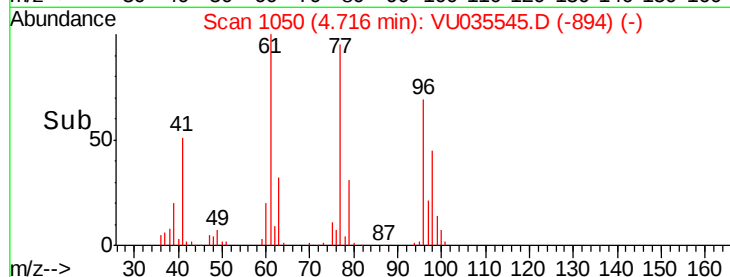
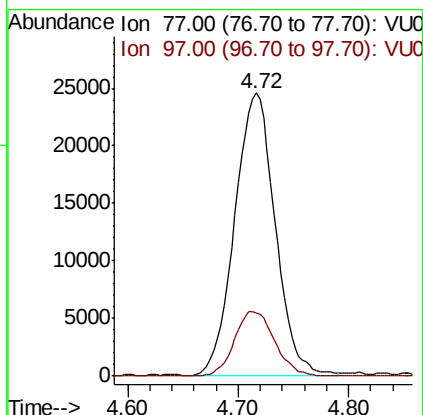
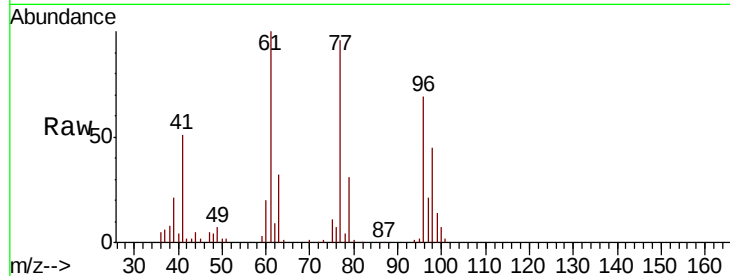




#21
 2,2-Dichloropropane
 Concen: 1.806 ug/l
 RT: 4.72 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

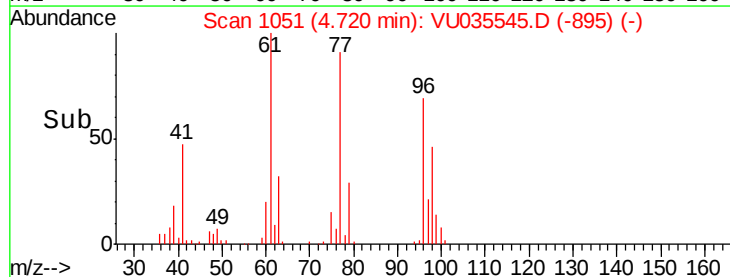
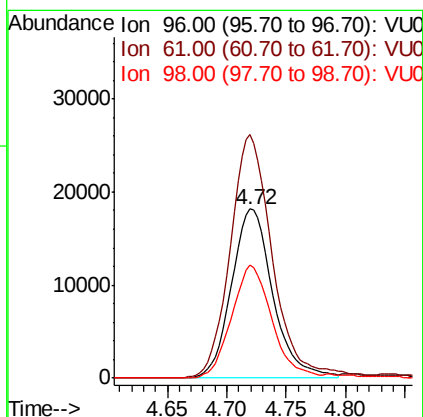
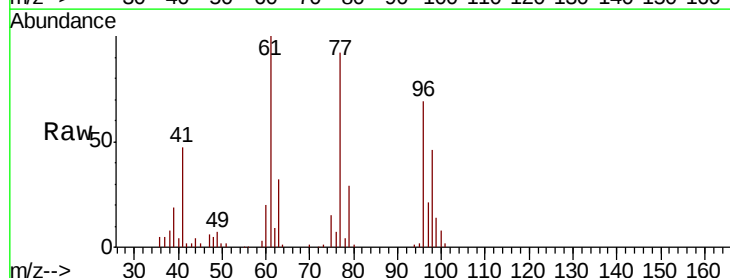
Instrument :
 MSVOA_U
 ClientSampleId :

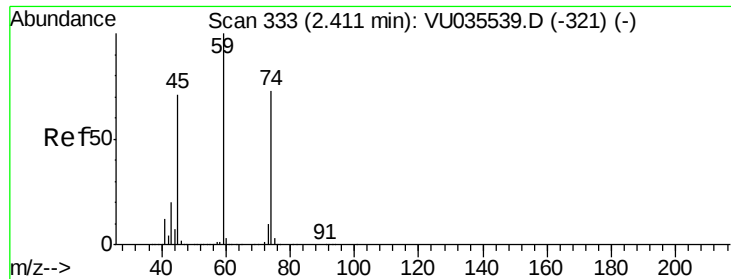
Tot Ion: 77 Resp: 62678
 Ion Ratio Lower Upper
 77 100
 97 22.6 18.8 28.2



#22
 cis-1,2-Dichloroethene
 Concen: 1.912 ug/l
 RT: 4.72 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion: 96 Resp: 43920
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 370.5
 98 64.5 31.8 95.4

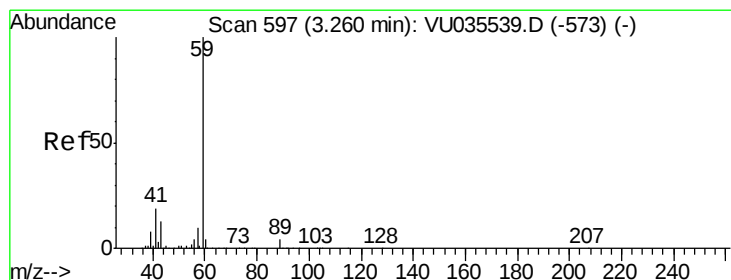
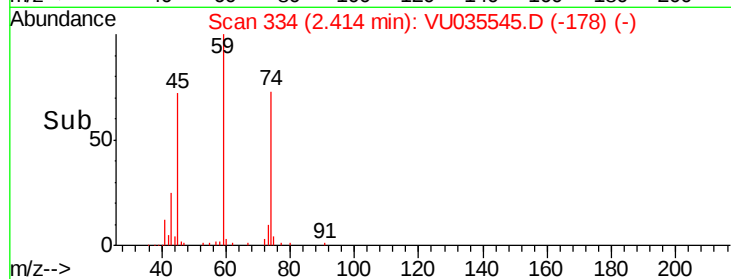
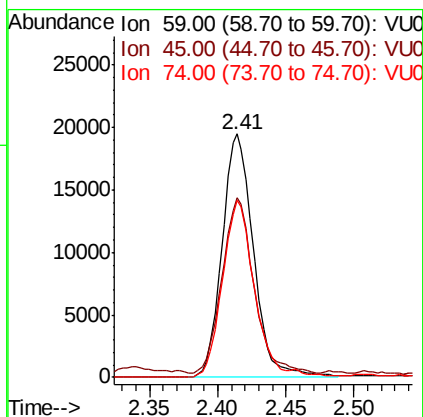
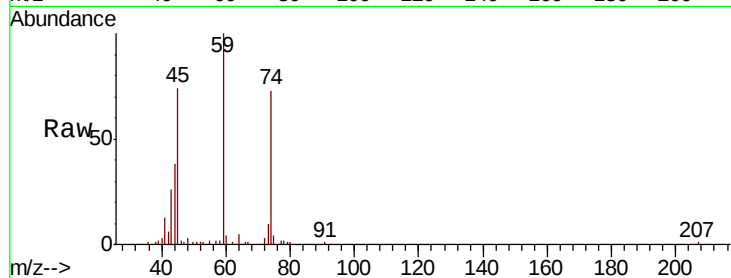




#23
Diethyl Ether
Concen: 1.935 ug/l
RT: 2.41 min Scan# 334
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

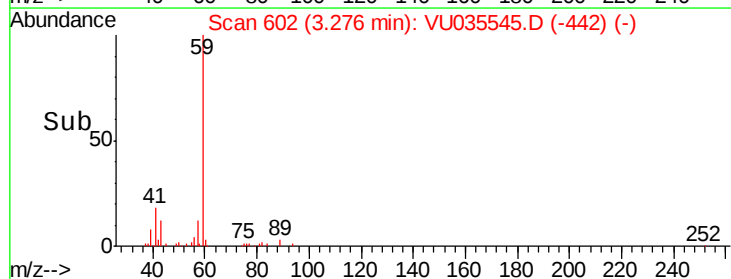
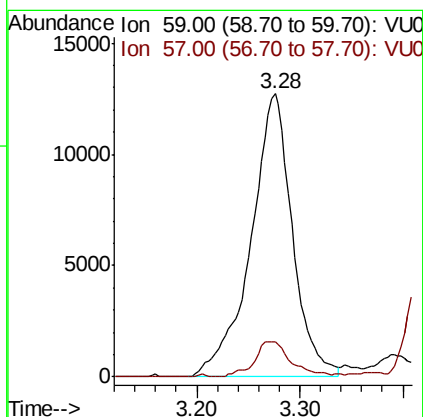
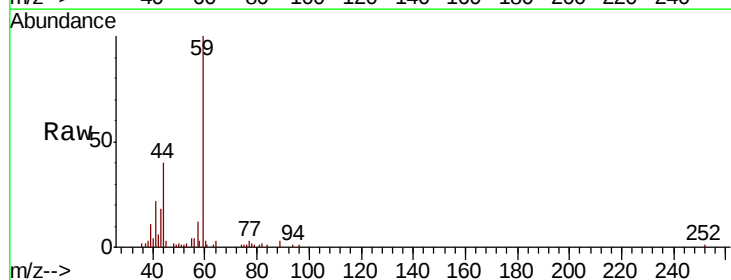
Instrument :
MSVOA_U
ClientSampleId :

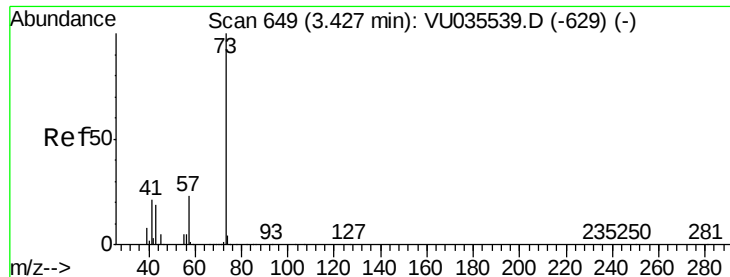
Tot Ion: 59 Resp: 31148
Ion Ratio Lower Upper
59 100
45 73.1 56.9 85.3
74 74.9 59.5 89.3



#24
tert-Butyl Alcohol
Concen: 19.870 ug/l
RT: 3.28 min Scan# 602
Delta R.T. 0.02 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 59 Resp: 35641
Ion Ratio Lower Upper
59 100
57 11.0 7.4 11.0



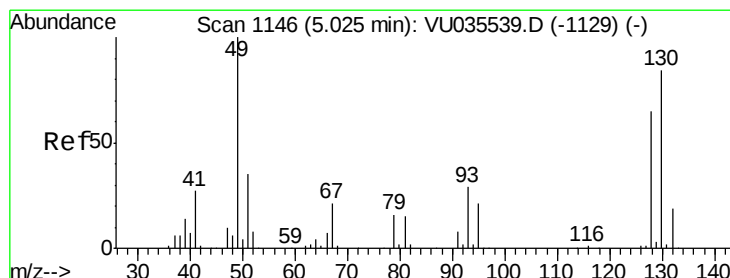
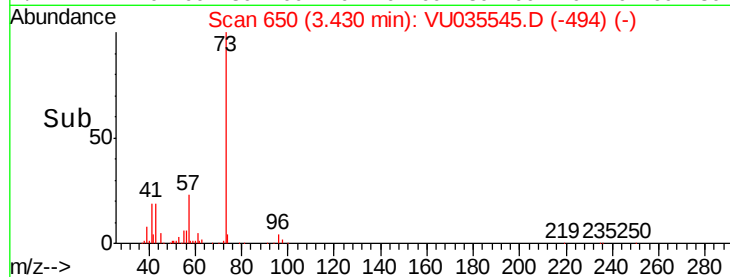
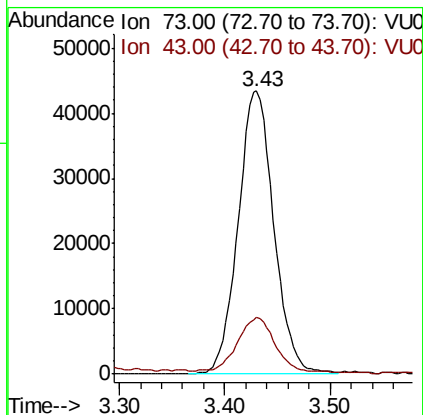
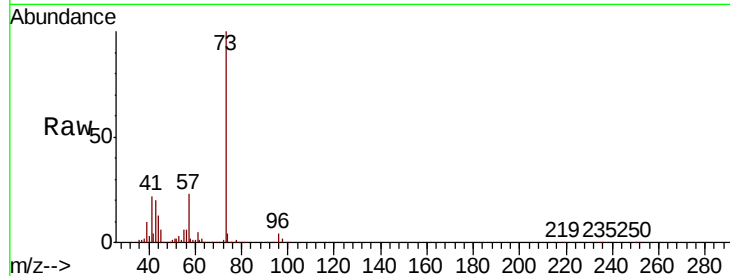


#25

Methyl tert-Butyl Ether
 Concen: 1.955 ug/l
 RT: 3.43 min Scan# 650
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Instrument :
 MSVOA_U
 ClientSampled :

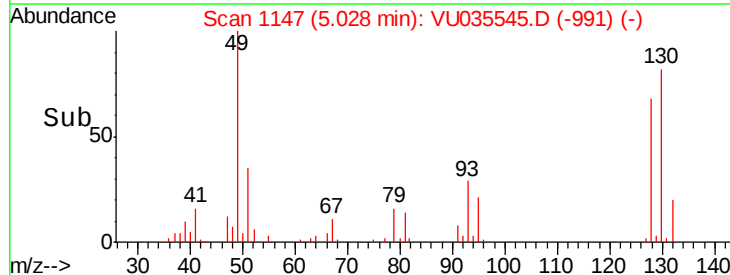
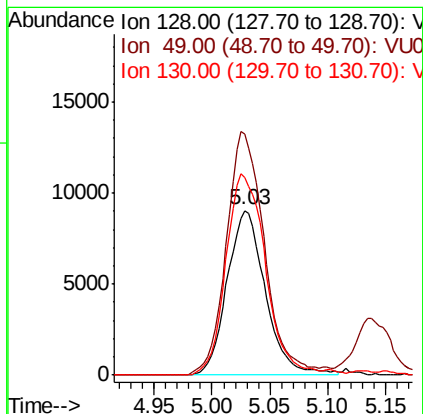
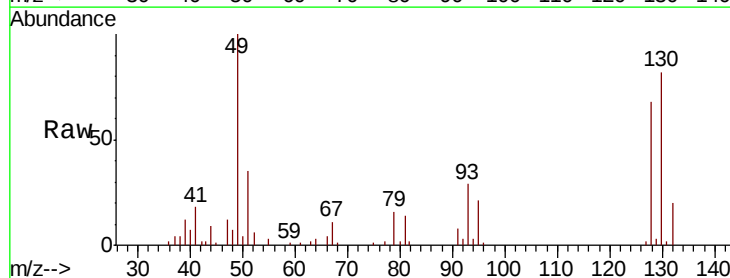
Tot Ion: 73 Resp: 102328
 Ion Ratio Lower Upper
 73 100
 43 21.4 15.4 23.2

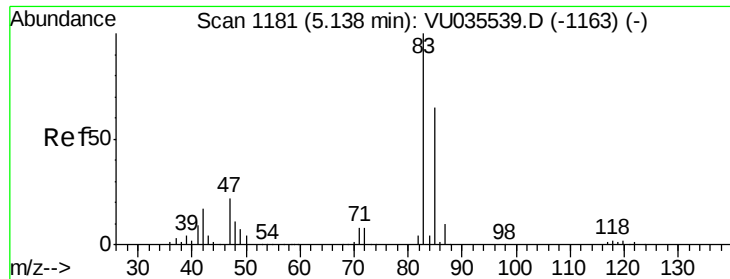


#26

Bromochloromethane
 Concen: 2.027 ug/l
 RT: 5.03 min Scan# 1147
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion: 128 Resp: 20788
 Ion Ratio Lower Upper
 128 100
 49 147.5 0.0 309.0
 130 126.0 101.8 152.8

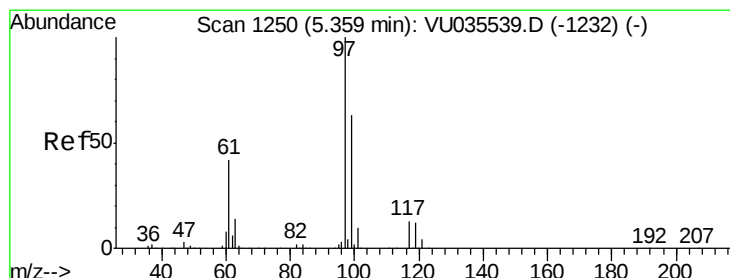
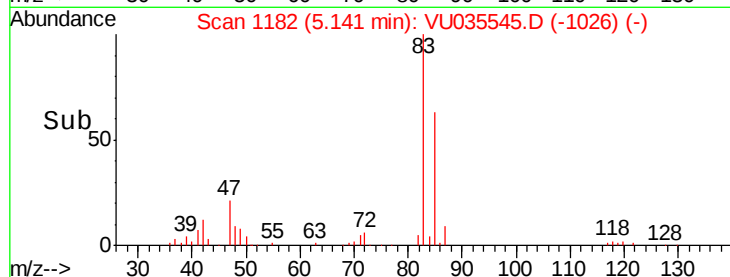
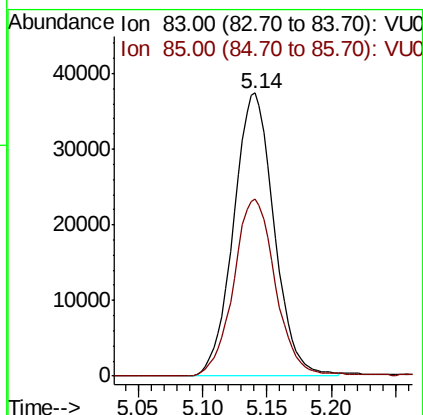
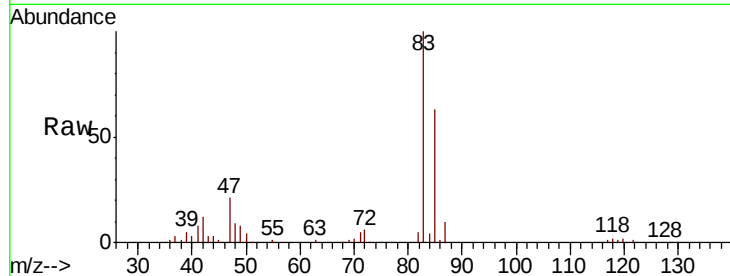




#27
Chloroform
Concen: 1.904 ug/l
RT: 5.14 min Scan# 1182
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

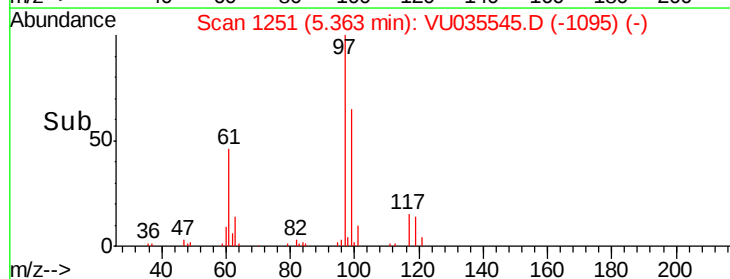
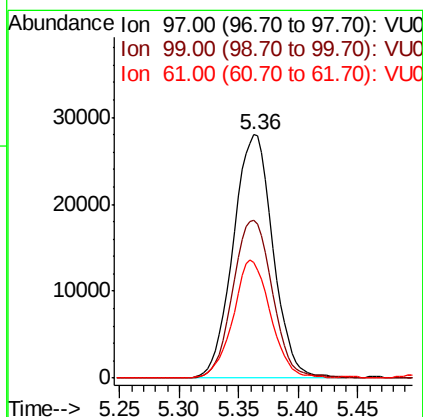
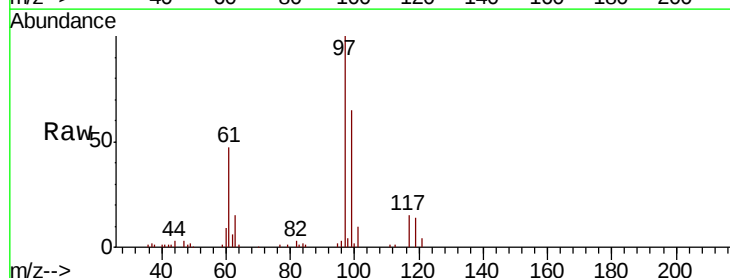
Instrument :
MSVOA_U
ClientSampleId :

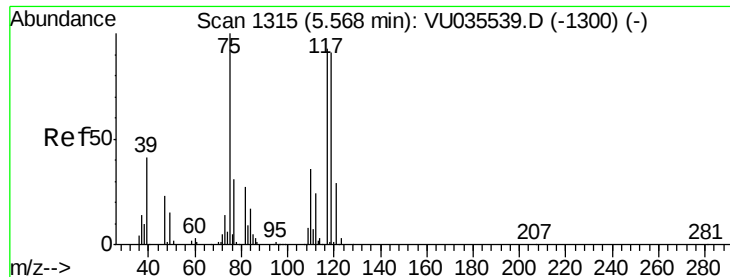
Tot Ion: 83 Resp: 81782
Ion Ratio Lower Upper
83 100
85 62.6 0.0 130.6



#28
1,1,1-Trichloroethane
Concen: 1.906 ug/l
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 97 Resp: 64875
Ion Ratio Lower Upper
97 100
99 64.7 32.6 97.7
61 45.8 21.8 65.4





#29

1,1-Dichloropropene

Concen: 1.810 ug/l

RT: 5.57 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

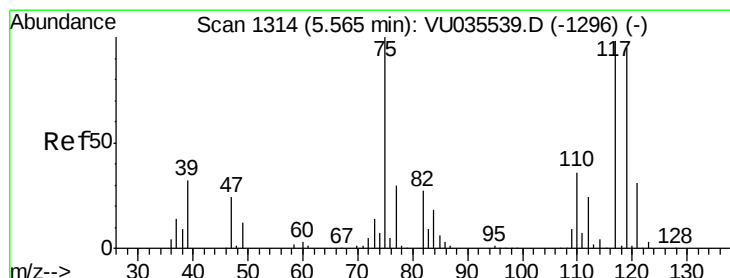
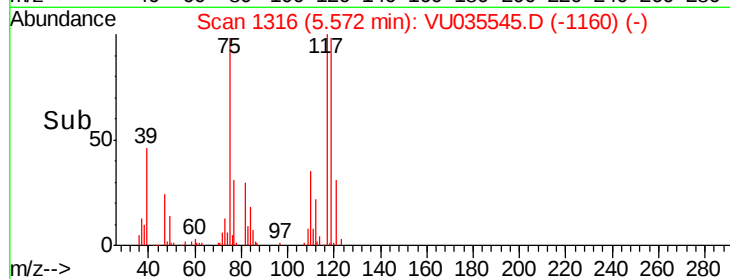
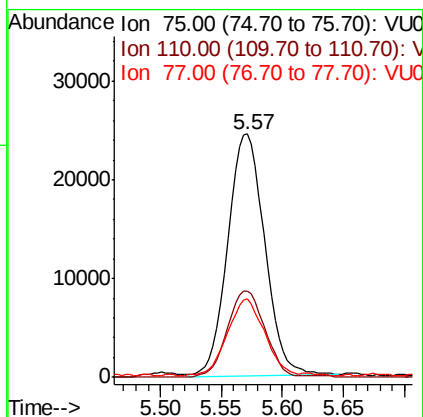
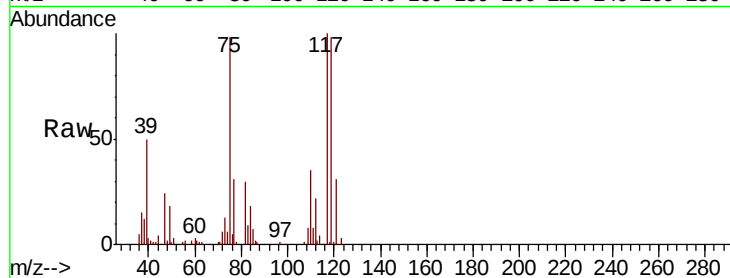
Tot Ion: 75 Resp: 51655

Ion Ratio Lower Upper

75 100

110 36.2 18.3 54.8

77 31.2 24.6 37.0



#30

Carbon Tetrachloride

Concen: 1.938 ug/l

RT: 5.57 min Scan# 1314

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

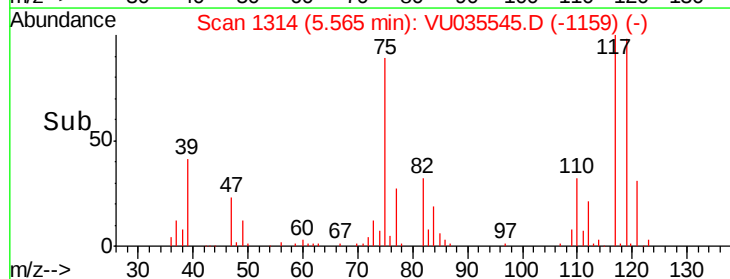
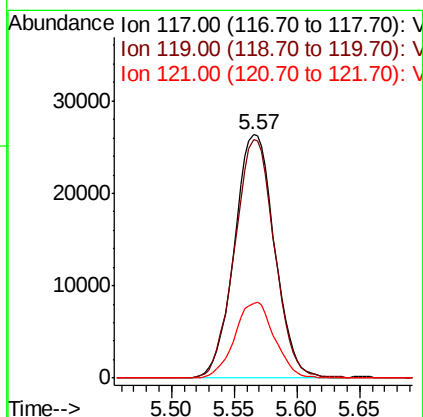
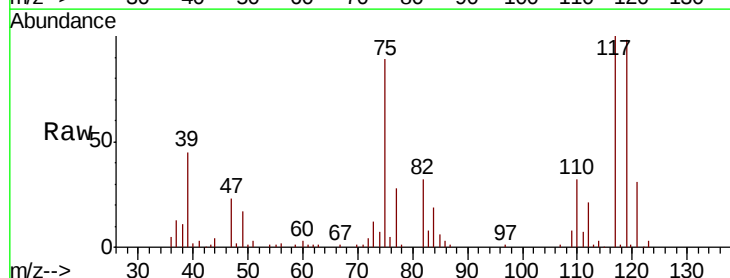
Tgt Ion: 117 Resp: 58652

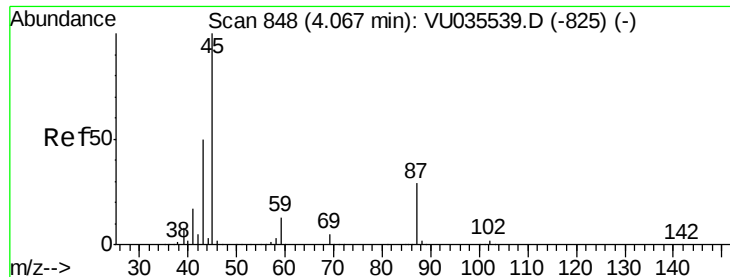
Ion Ratio Lower Upper

117 100

119 97.7 77.3 115.9

121 30.7 25.2 37.8





#31

Isopropyl Ether

Concen: 1.828 ug/l

RT: 4.07 min Scan# 849

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

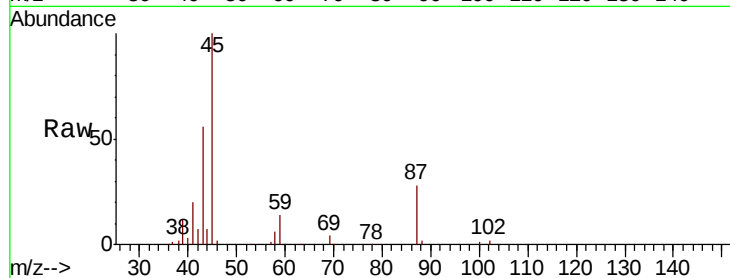
ClientSampleId :

Tot Ion: 45 Resp: 102627

Ion Ratio Lower Upper

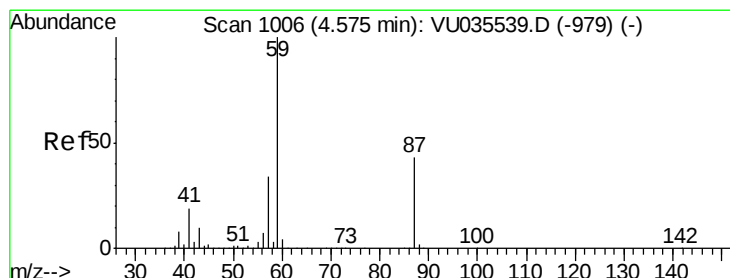
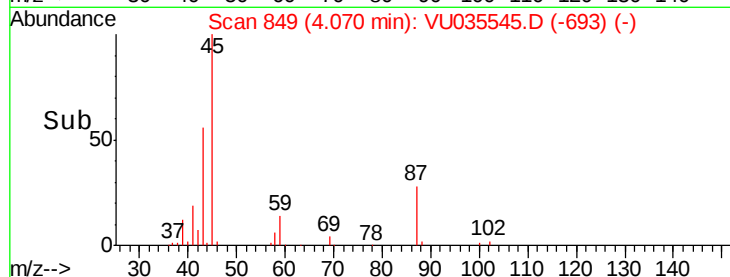
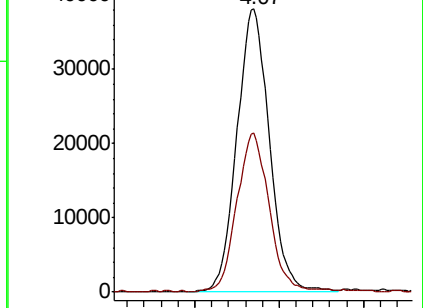
45 100

43 54.7 25.3 75.8



Abundance Ion 45.00 (44.70 to 45.70): VU035539.D (-825) (-)

Ion 43.00 (42.70 to 43.70): VU035539.D (-825) (-)



#32

Ethyl-t-butyl ether

Concen: 1.750 ug/l

RT: 4.57 min Scan# 1006

Delta R.T. -0.00 min

Lab File: VU035545.D

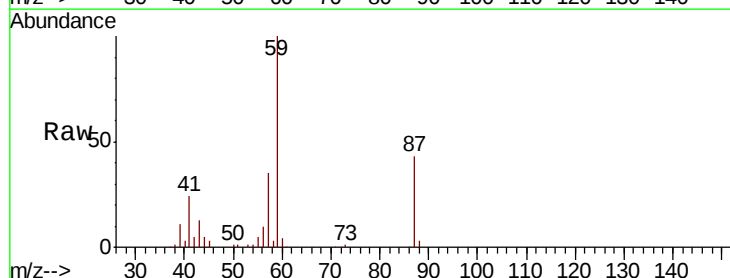
Acq: 29 Oct 2019 18:27

Tgt Ion: 59 Resp: 90953

Ion Ratio Lower Upper

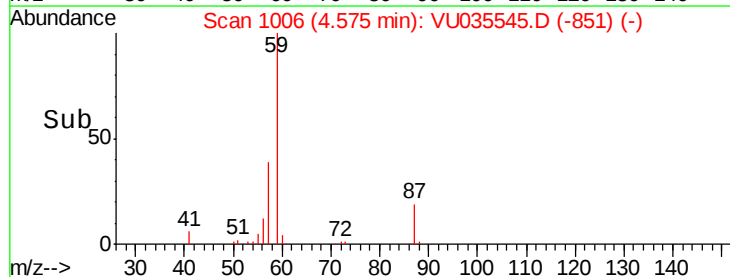
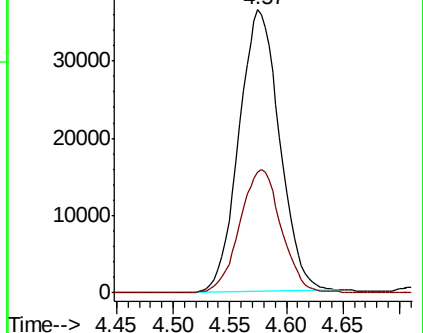
59 100

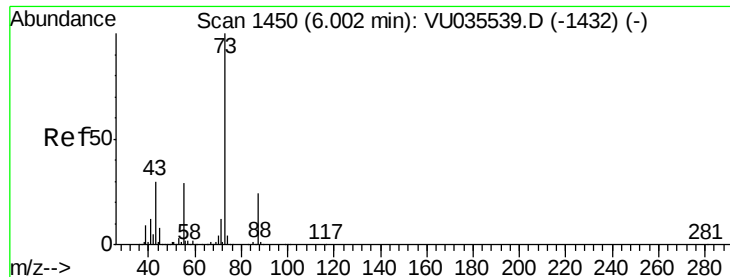
87 44.9 33.9 50.9



Abundance Ion 59.00 (58.70 to 59.70): VU035539.D (-979) (-)

Ion 87.00 (86.70 to 87.70): VU035539.D (-979) (-)

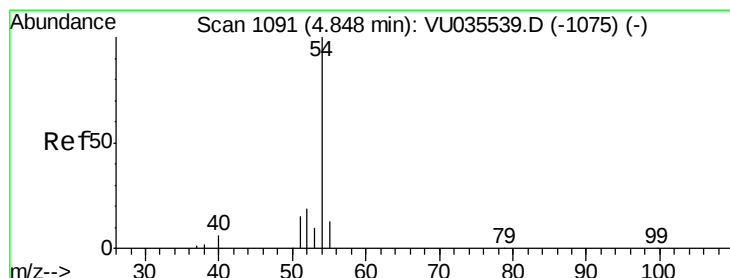
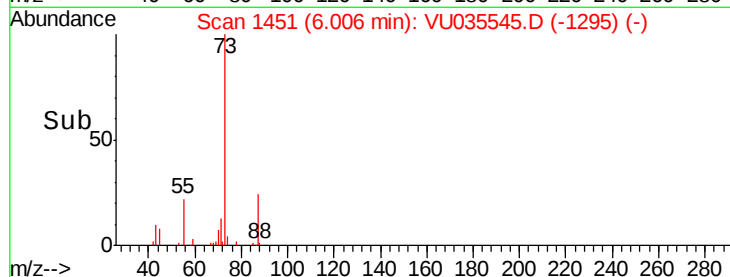
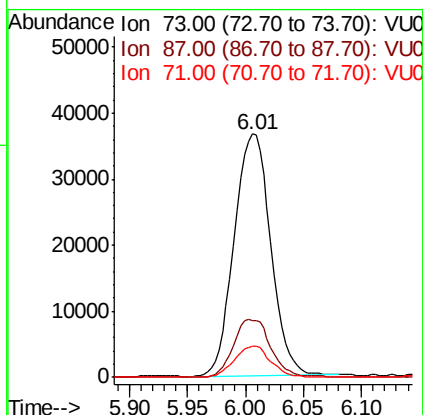
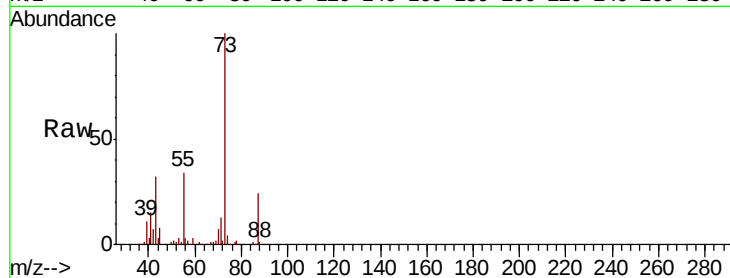




#33
Tert-Butyl methyl ether
Concen: 1.802 ug/l
RT: 6.01 min Scan# 1451
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

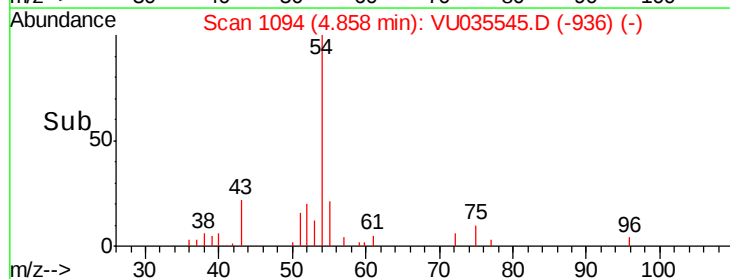
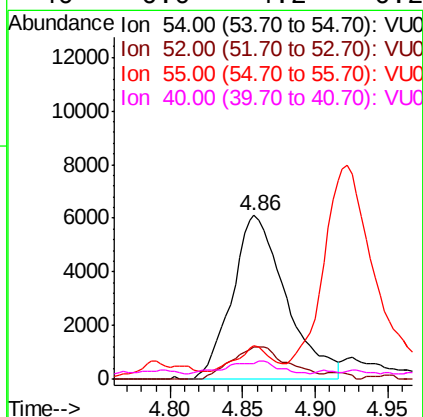
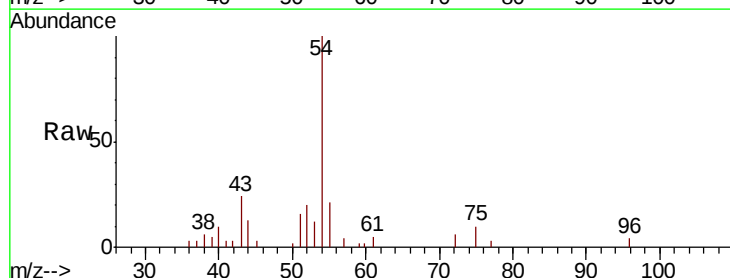
Instrument :
MSVOA_U
ClientSampleId :

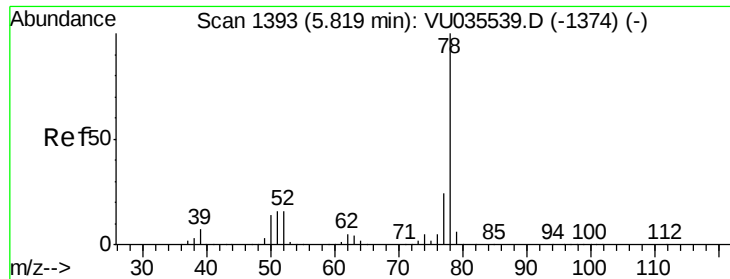
Tot Ion	Ratio	Lower	Upper
73	100		
87	24.5	19.5	29.3
71	12.7	9.4	14.2



#34
Propionitrile
Concen: 8.808 ug/l
RT: 4.86 min Scan# 1094
Delta R.T. 0.01 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.4	14.6	21.8
55	9.4	11.7	17.5
40	6.0	4.2	6.2





#35

Benzene

Concen: 1.894 ug/l

RT: 5.82 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

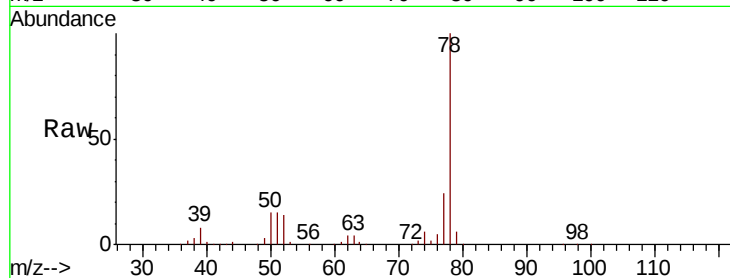
Instrument :
MSVOA_U
ClientSampleId :

Tot Ion: 78 Resp: 164983

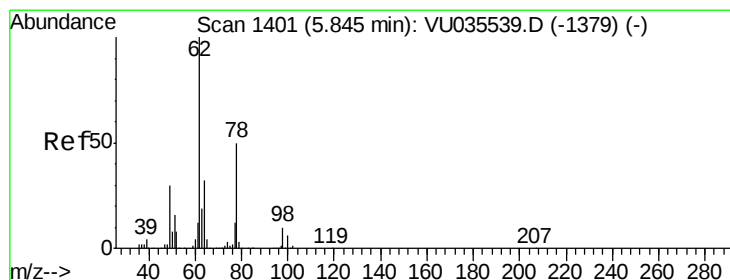
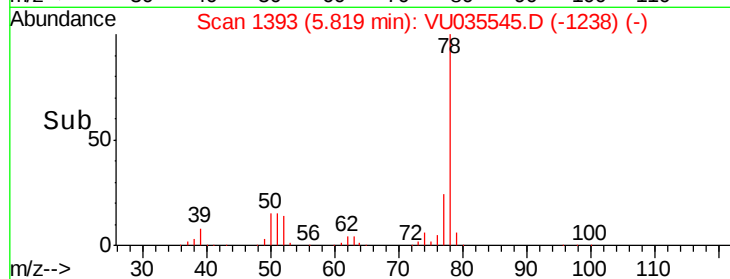
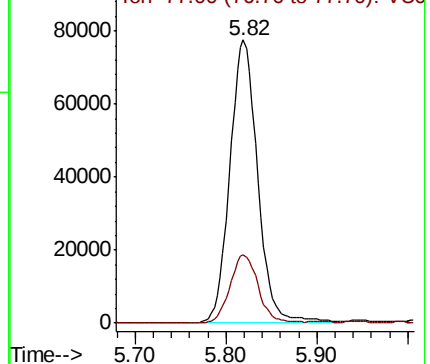
Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.4



Abundance Ion 78.10 (77.80 to 78.80): VU035539.D (-1374) (-)



#36

1,2-Dichloroethane

Concen: 1.940 ug/l

RT: 5.85 min Scan# 1402

Delta R.T. 0.00 min

Lab File: VU035545.D

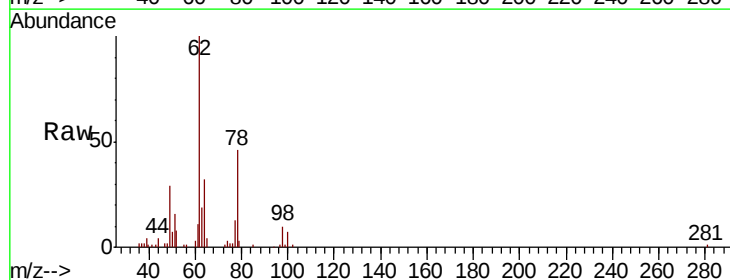
Acq: 29 Oct 2019 18:27

Tgt Ion: 62 Resp: 48419

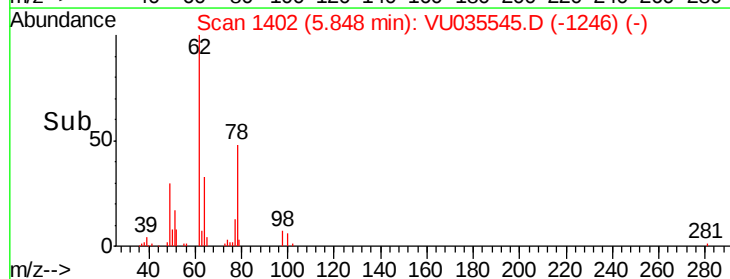
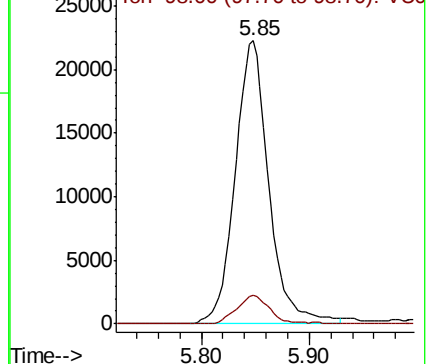
Ion Ratio Lower Upper

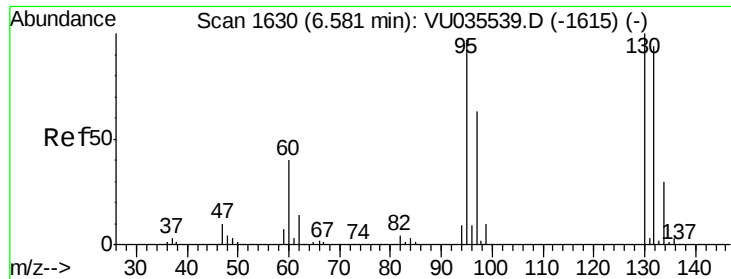
62 100

98 9.7 7.5 11.3



Abundance Ion 62.00 (61.70 to 62.70): VU035539.D (-1379) (-)

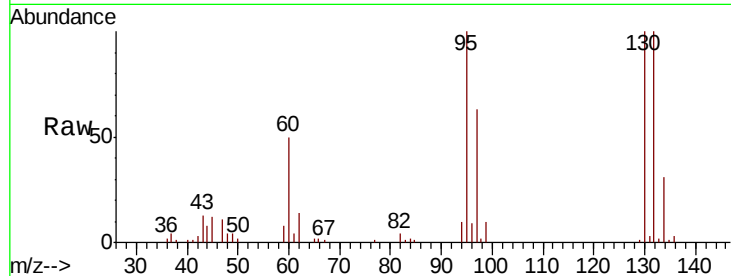




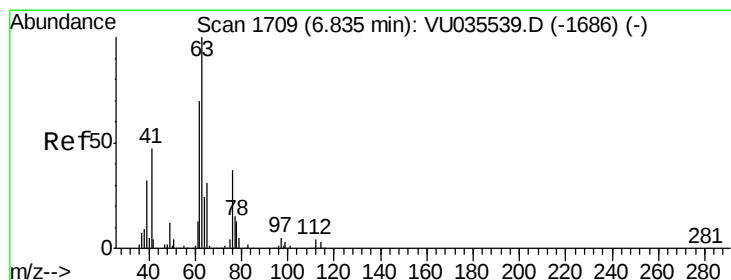
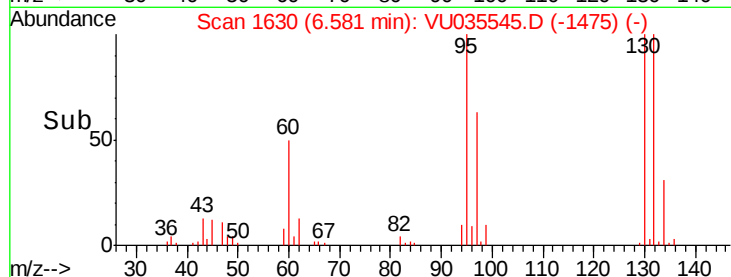
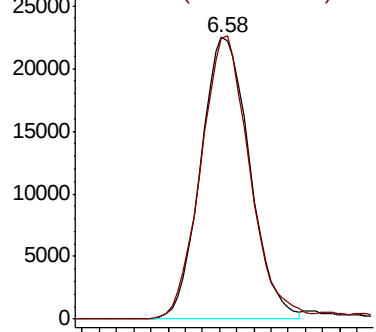
#37
 Trichloroethene
 Concen: 1.831 ug/l
 RT: 6.58 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion:130 Resp: 44304
 Ion Ratio Lower Upper
 130 100
 95 99.5 77.5 116.3

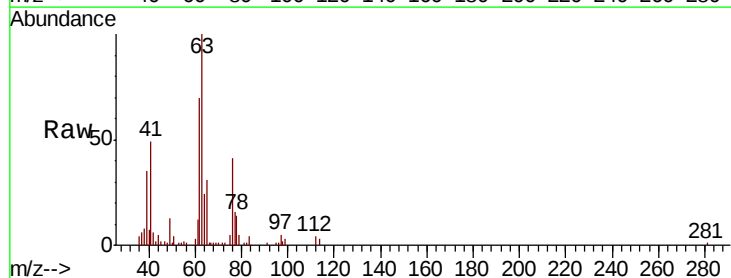


Abundance Ion 129.90 (129.60 to 130.60): VU035539.D (-1615) (-)
 Ion 94.90 (94.60 to 95.60): VU035539.D (-1615) (-)

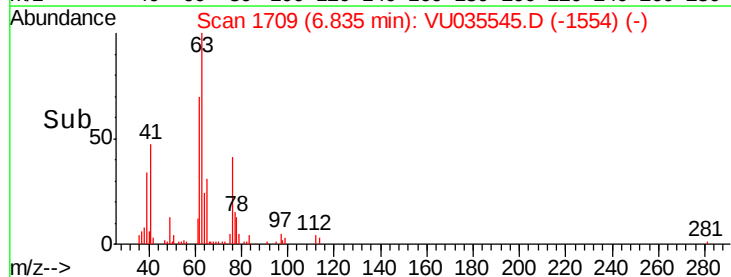
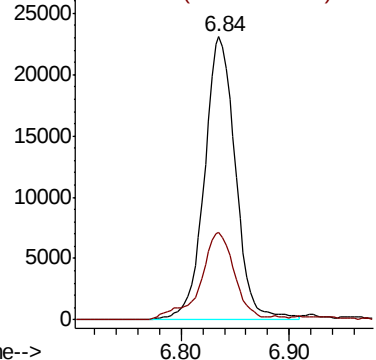


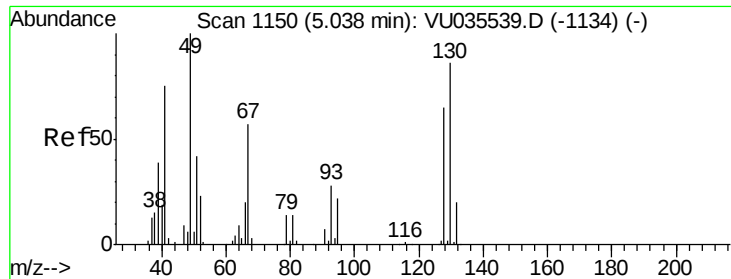
#38
 1,2-Dichloropropane
 Concen: 1.937 ug/l
 RT: 6.84 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion: 63 Resp: 46258
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6



Abundance Ion 63.00 (62.70 to 63.70): VU035539.D (-1686) (-)
 Ion 65.00 (64.70 to 65.70): VU035539.D (-1686) (-)

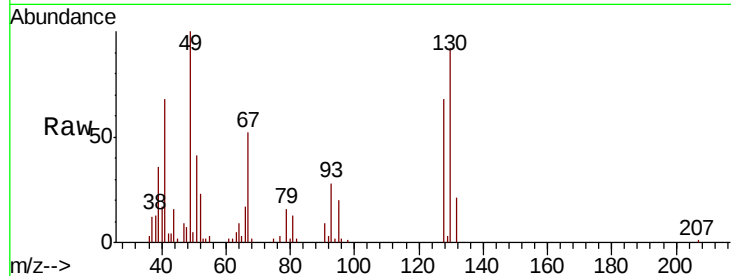




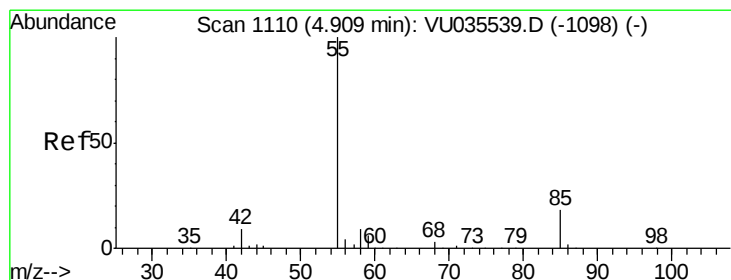
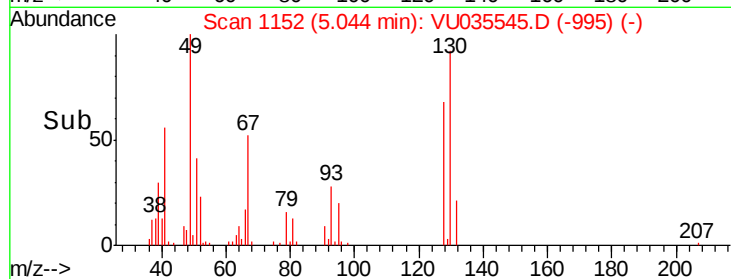
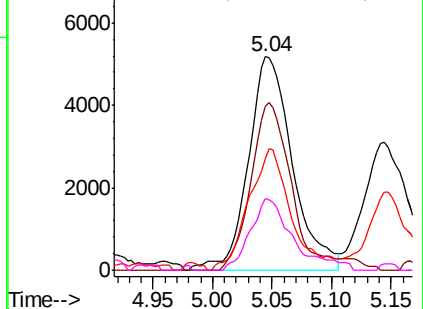
#39
Methacrylonitrile
Concen: 1.985 ug/l
RT: 5.04 min Scan# 1152
Delta R.T. 0.01 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:	41	Resp:	13306
Ion	Ratio	Lower	Upper
41	100		
67	73.9	61.5	92.3
39	52.8	41.3	61.9
52	32.4	24.4	36.6

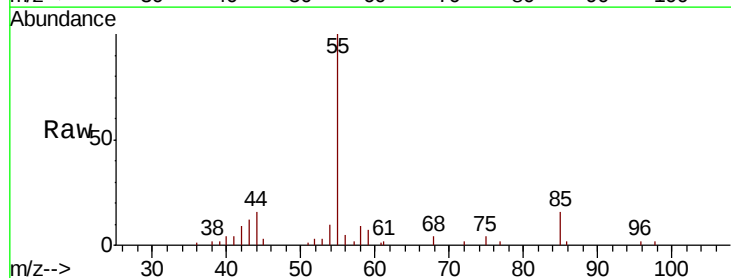


Abundance Ion 41.00 (40.70 to 41.70): VU0
Ion 67.00 (66.70 to 67.70): VU0
Ion 39.00 (38.70 to 39.70): VU0
Ion 52.00 (51.70 to 52.70): VU0

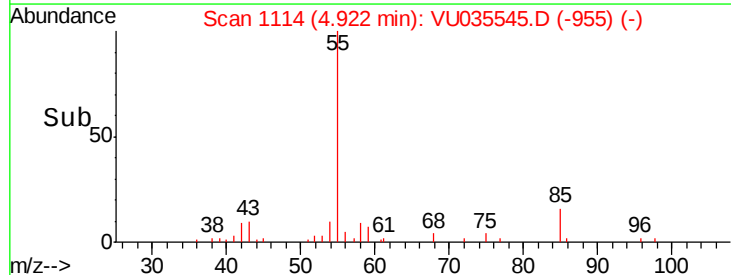
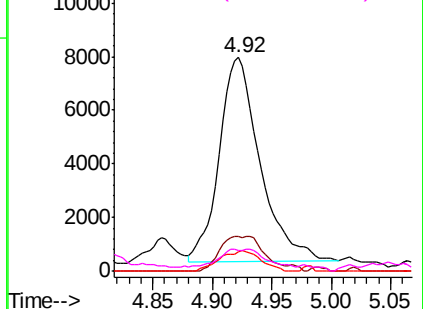


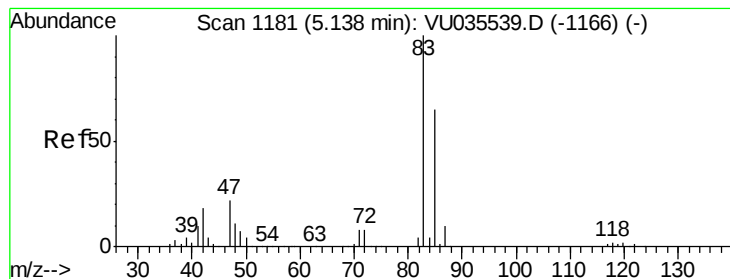
#40
Methyl acrylate
Concen: 1.773 ug/l
RT: 4.92 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:	55	Resp:	18099
Ion	Ratio	Lower	Upper
55	100		
85	9.6	13.5	20.3#
58	9.8	6.6	10.0
42	4.6	7.0	10.6#



Abundance Ion 55.00 (54.70 to 55.70): VU0
Ion 85.00 (84.70 to 85.70): VU0
Ion 58.00 (57.70 to 58.70): VU0
Ion 42.00 (41.70 to 42.70): VU0





#41

Tetrahydrofuran

Concen: 3.641 ug/l

RT: 5.15 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

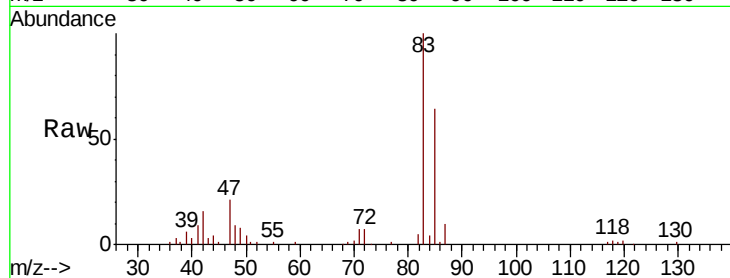
Tot Ion: 42 Resp: 12546

Ion Ratio Lower Upper

42 100

72 46.2 89.9 134.9#

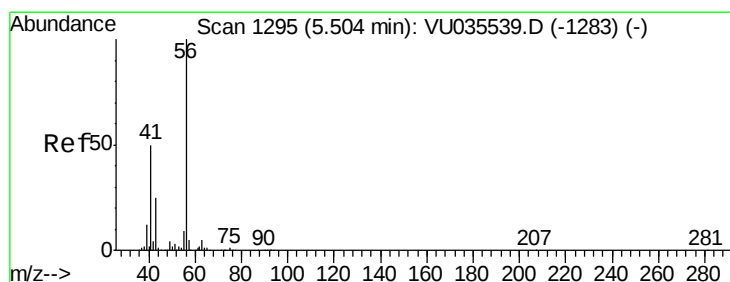
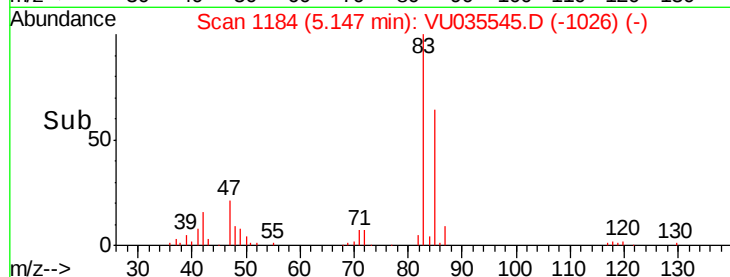
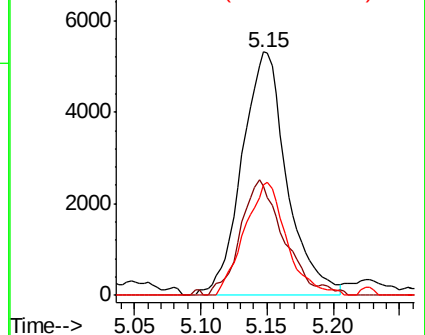
71 43.6 3.7 5.5#



Abundance Ion 42.00 (41.70 to 42.70): VU0

Ion 72.00 (71.70 to 72.70): VU0

Ion 71.00 (70.70 to 71.70): VU0



#42

1-Chlorobutane

Concen: 1.790 ug/l

RT: 5.50 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VU035545.D

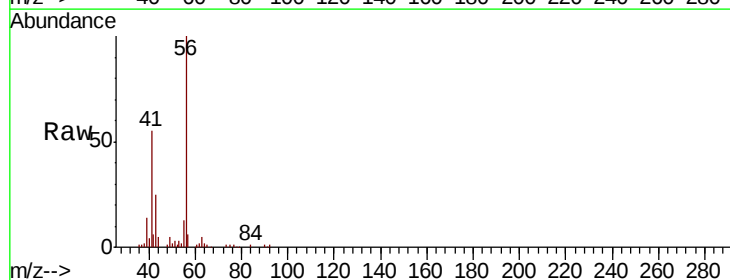
Acq: 29 Oct 2019 18:27

Tgt Ion: 56 Resp: 70287

Ion Ratio Lower Upper

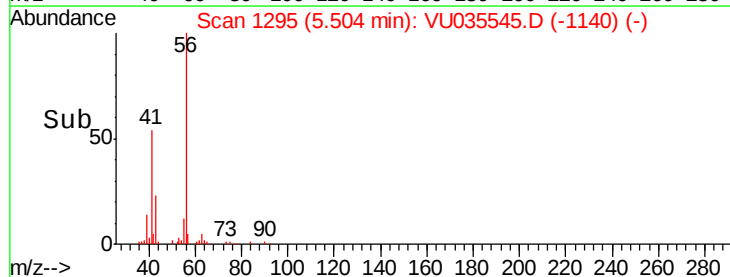
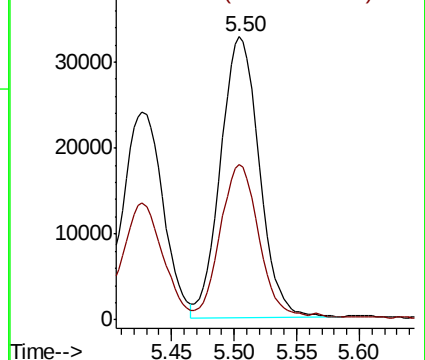
56 100

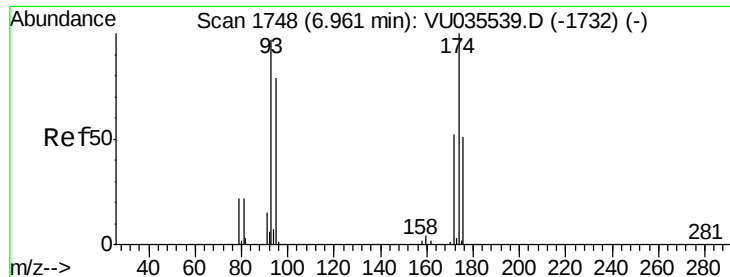
41 52.1 25.5 76.5



Abundance Ion 56.00 (55.70 to 56.70): VU0

Ion 41.00 (40.70 to 41.70): VU0





#43

Dibromomethane

Concen: 1.981 ug/l

RT: 6.96 min Scan# 1749

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

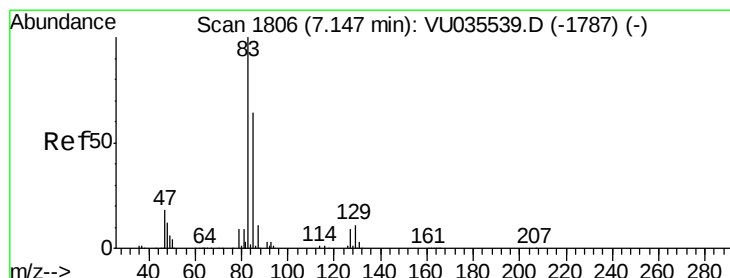
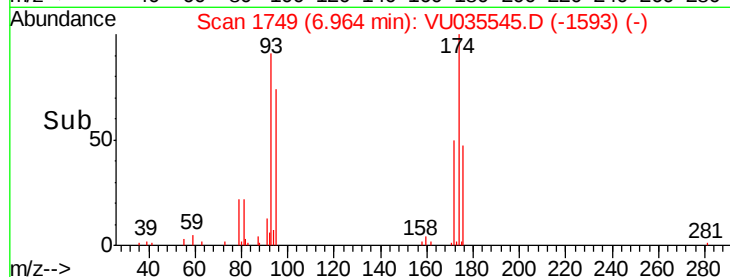
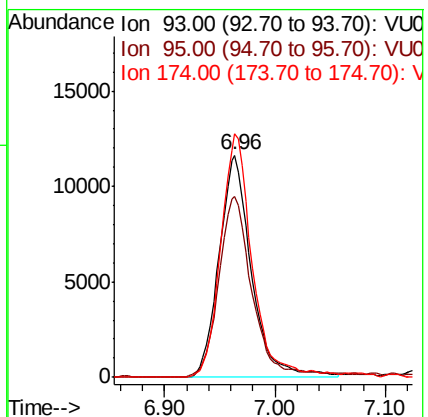
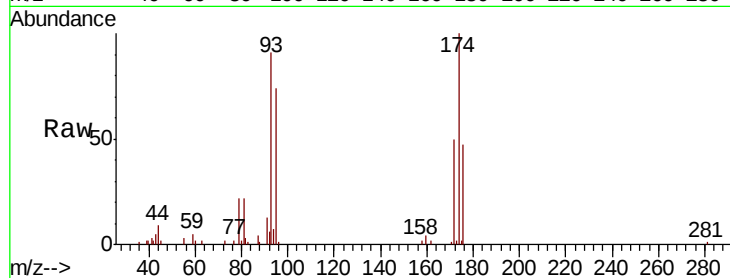
Tot Ion: 93 Resp: 23637

Ion Ratio Lower Upper

93 100

95 83.9 65.1 97.7

174 104.6 84.2 126.4



#44

Bromodichloromethane

Concen: 1.925 ug/l

RT: 7.15 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

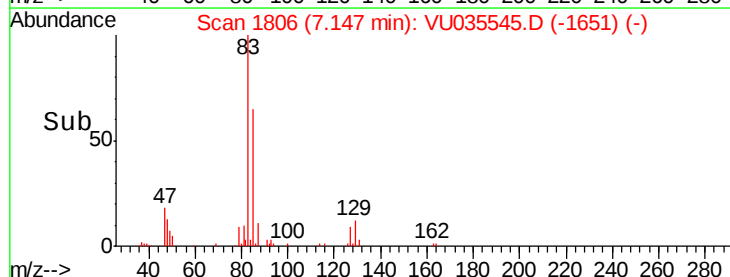
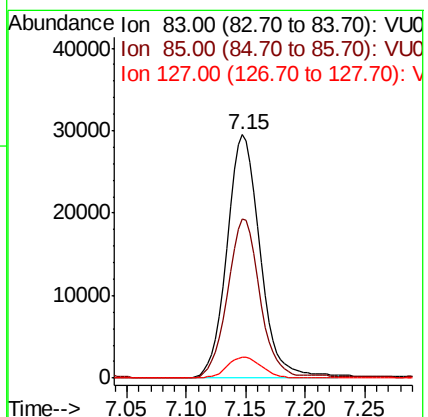
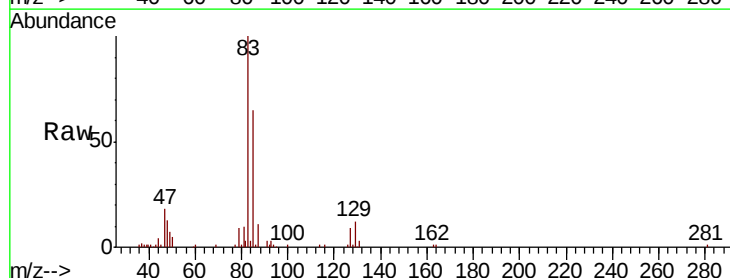
Tgt Ion: 83 Resp: 57224

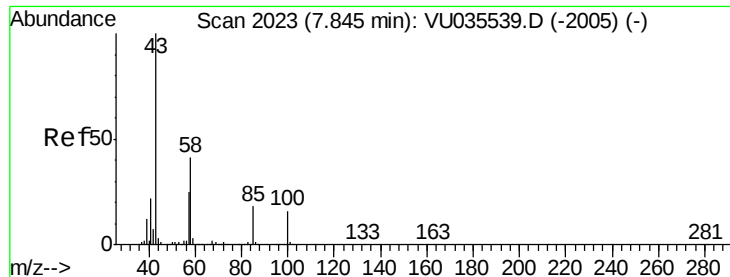
Ion Ratio Lower Upper

83 100

85 65.4 51.6 77.4

127 8.7 7.0 10.4

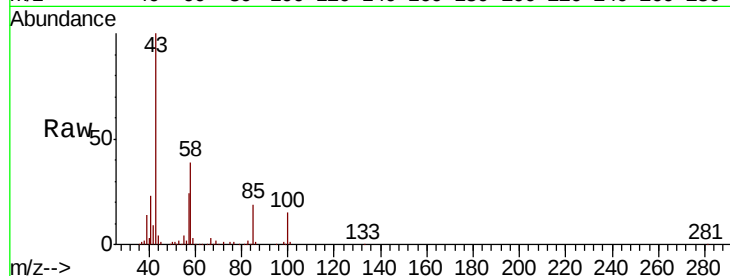




#45
4-Methyl-2-Pentanone
Concen: 8.818 ug/l
RT: 7.85 min Scan# 2024
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	38.6	20.6	61.8
85	17.4	14.5	21.7

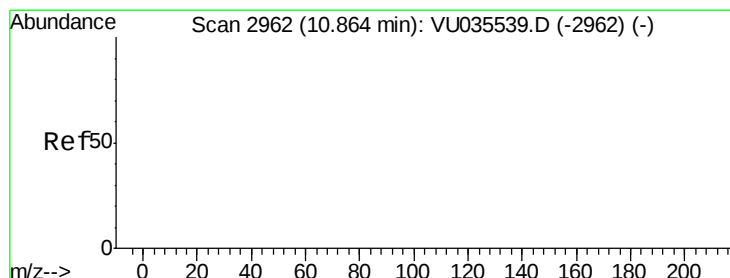
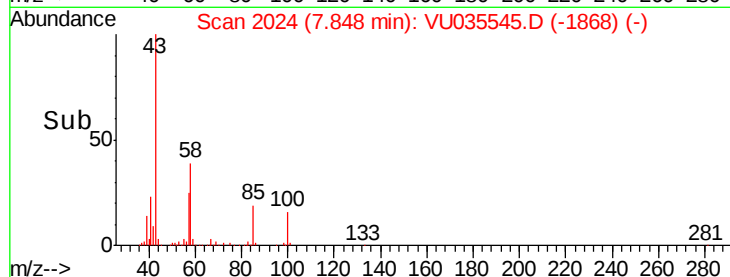
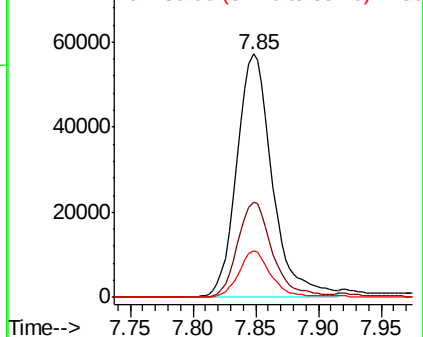


Abundance

Ion 43.00 (42.70 to 43.70): VU035539.D (-2005) (-)

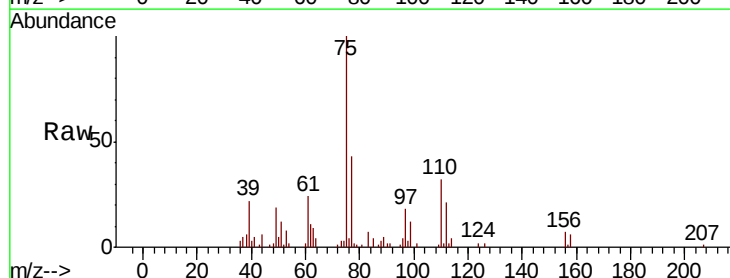
Ion 58.00 (57.70 to 58.70): VU035539.D (-2005) (-)

Ion 85.00 (84.70 to 85.70): VU035539.D (-2005) (-)



#46
t-1,4-Dichloro-2-butene
Concen: 9.306 ug/l
RT: 10.86 min Scan# 2960
Delta R.T. -0.01 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
75	100		
53	32.1	54.1	81.1#
89	21.1	38.2	57.4#
88	17.6	30.6	45.8#



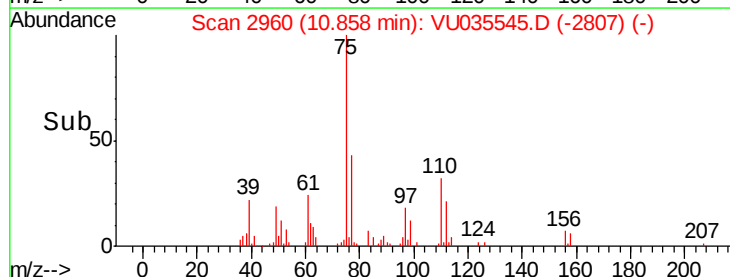
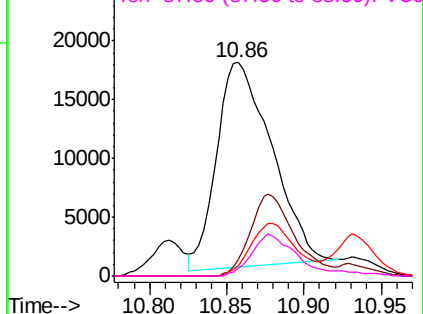
Abundance

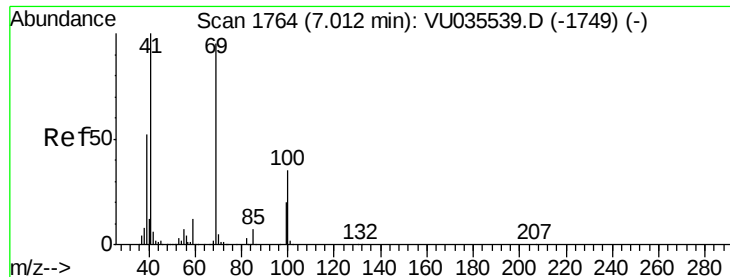
Ion 74.90 (74.60 to 75.60): VU035539.D (-2962) (-)

Ion 53.00 (52.70 to 53.70): VU035539.D (-2962) (-)

Ion 88.80 (88.50 to 89.50): VU035539.D (-2962) (-)

Ion 87.80 (87.50 to 88.50): VU035539.D (-2962) (-)

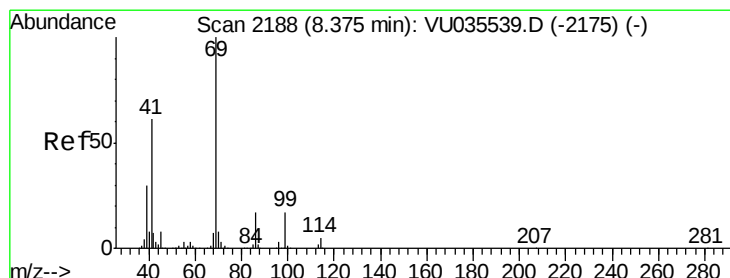
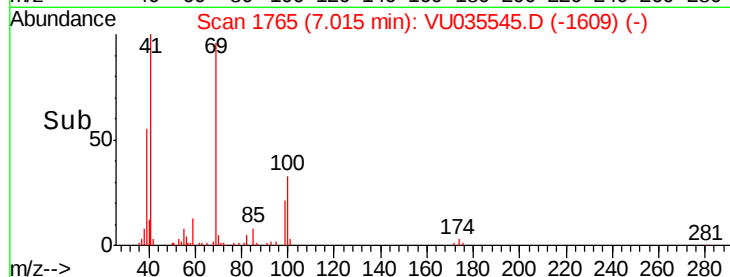
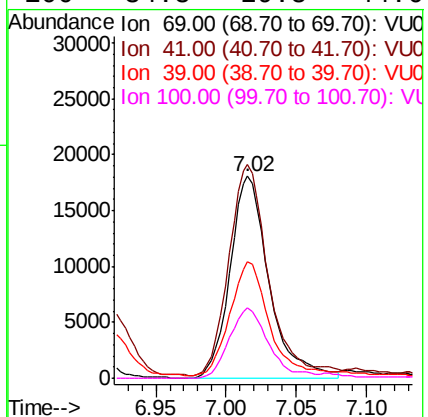
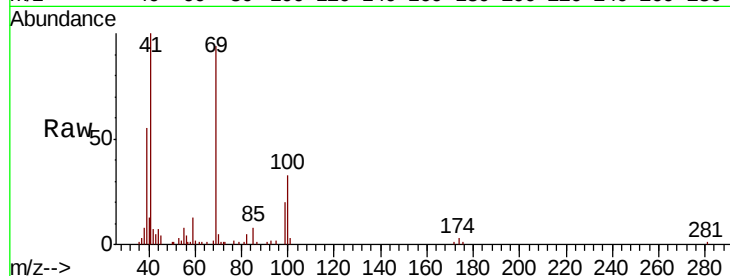




#47
Methyl methacrylate
Concen: 3.551 ug/l
RT: 7.02 min Scan# 1765
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

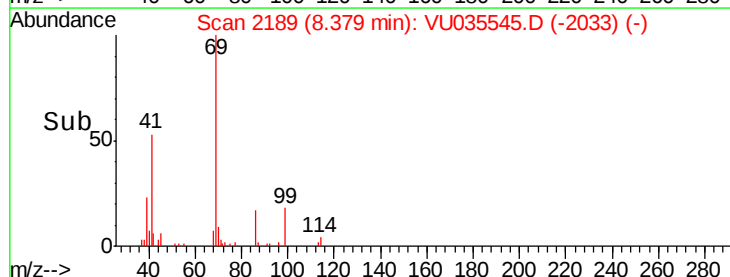
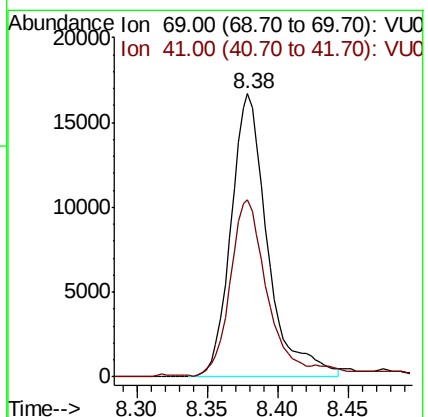
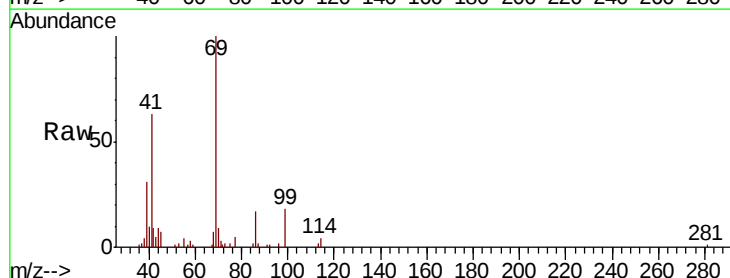
Instrument :
MSVOA_U
ClientSampled :

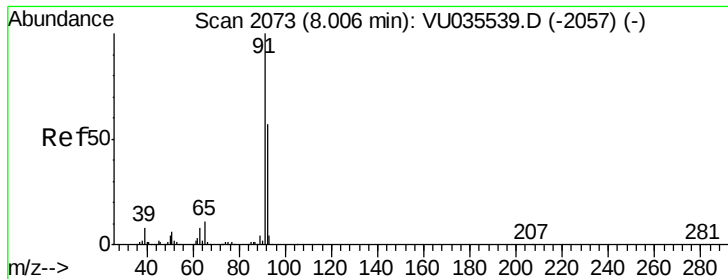
Tot Ion: 69 Resp: 35085
Ion Ratio Lower Upper
69 100
41 102.7 0.0 216.8
39 56.0 45.1 67.7
100 34.8 29.8 44.6



#48
Ethyl methacrylate
Concen: 1.757 ug/l
RT: 8.38 min Scan# 2189
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 69 Resp: 30334
Ion Ratio Lower Upper
69 100
41 65.6 30.4 91.2





#49

Toluene

Concen: 1.809 ug/l

RT: 8.01 min Scan# 2073

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

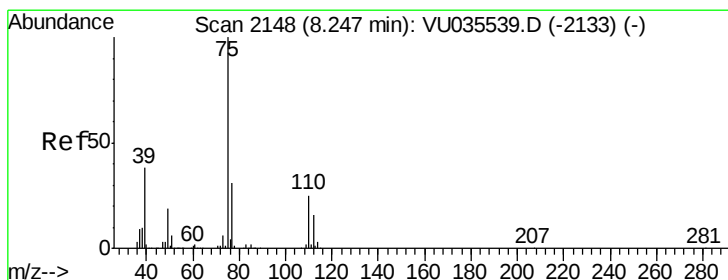
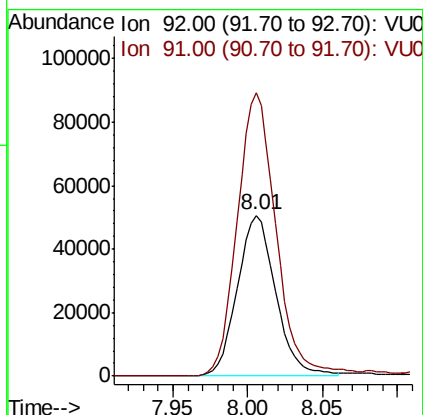
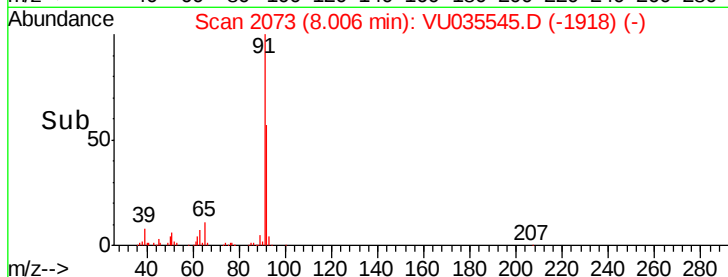
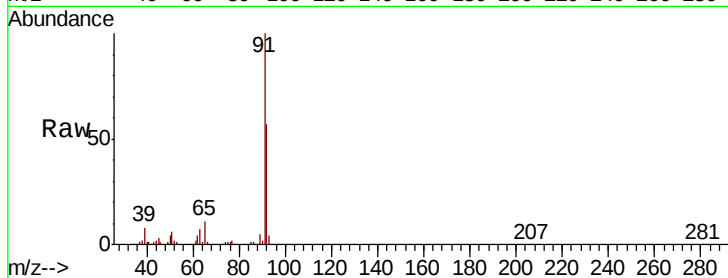
ClientSampleId :

Tot Ion: 92 Resp: 90615

Ion Ratio Lower Upper

92 100

91 178.0 141.4 212.0



#50

t-1,3-Dichloropropene

Concen: 1.872 ug/l

RT: 8.25 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VU035545.D

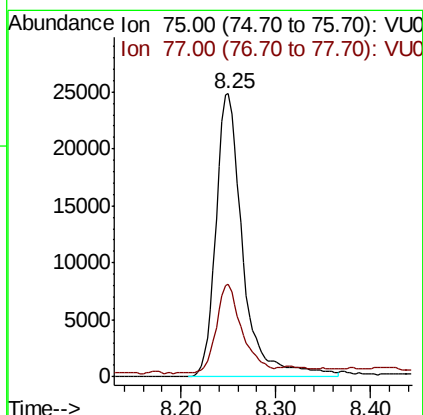
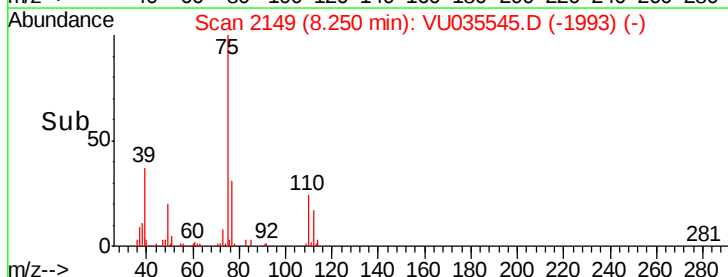
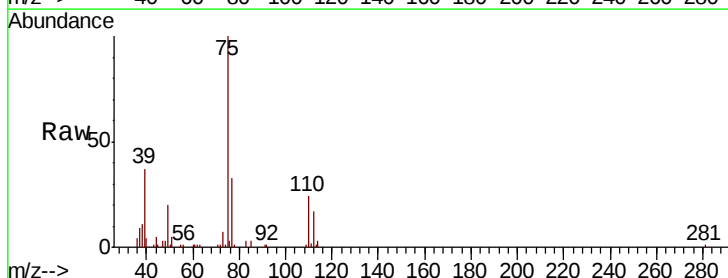
Acq: 29 Oct 2019 18:27

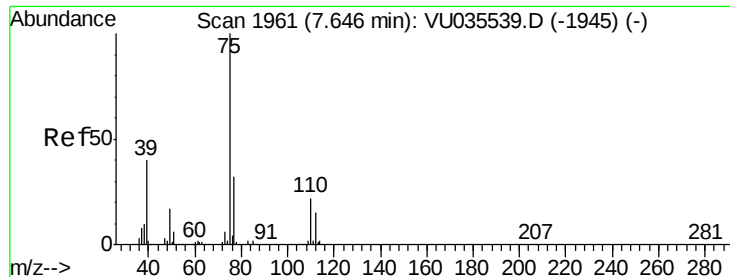
Tgt Ion: 75 Resp: 49271

Ion Ratio Lower Upper

75 100

77 31.3 25.2 37.8



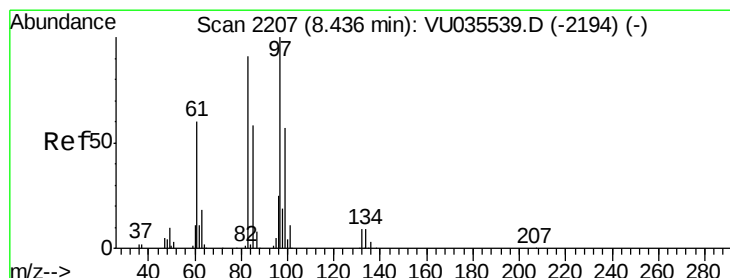
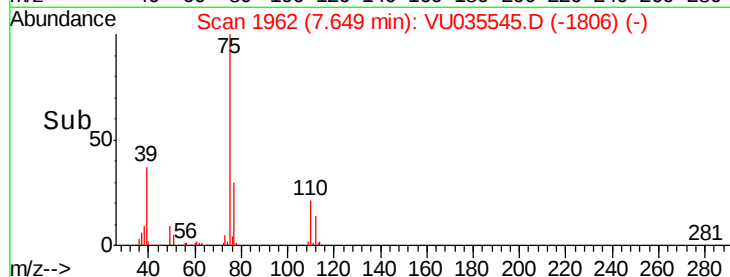
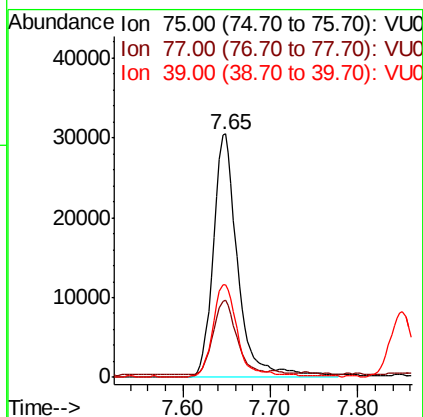
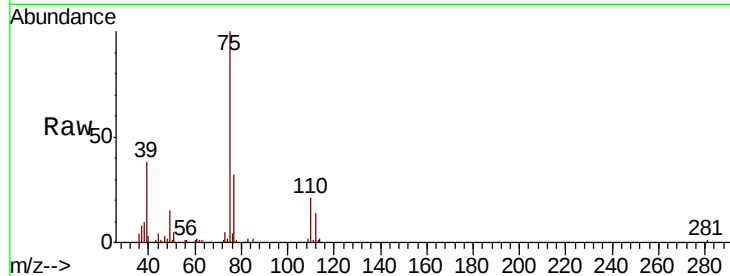


#51

cis-1,3-Dichloropropene
 Concen: 1.906 ug/l
 RT: 7.65 min Scan# 1962
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

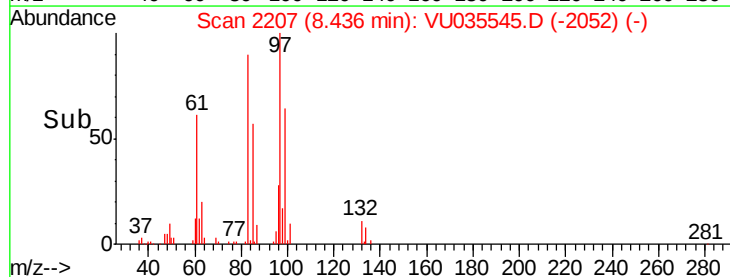
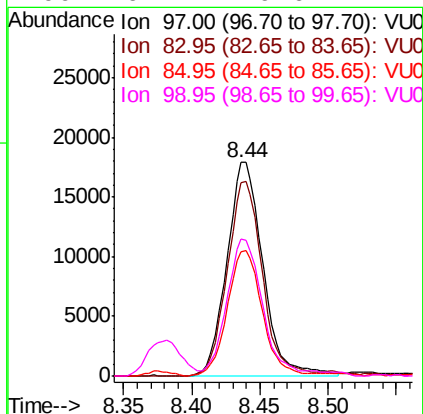
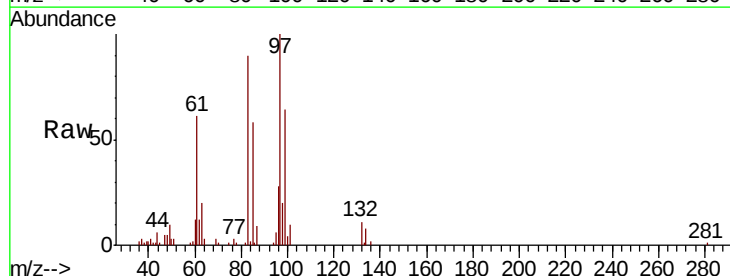
Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.2	37.8
39	38.2	32.1	48.1

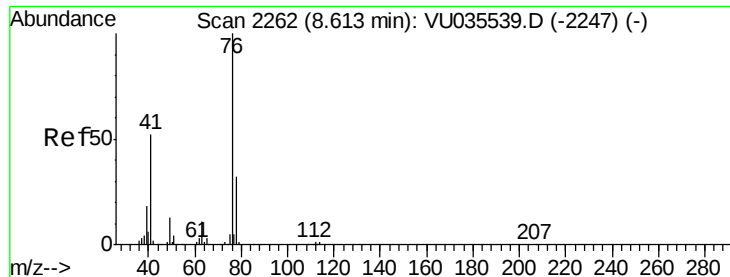


#52

1,1,2-Trichloroethane
 Concen: 1.968 ug/l
 RT: 8.44 min Scan# 2207
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.4	72.6	108.8
85	58.4	46.4	69.6
99	62.4	49.6	74.4





#53

1,3-Dichloropropane

Concen: 1.898 ug/l

RT: 8.61 min Scan# 2262

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

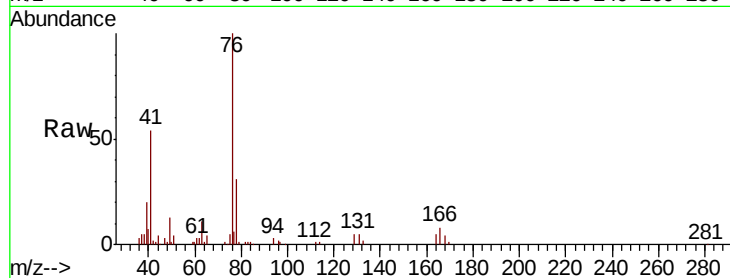
ClientSampleId :

Tot Ion: 76 Resp: 53787

Ion Ratio Lower Upper

76 100

78 33.2 25.6 38.4



Abundance Ion 76.00 (75.70 to 76.70): VU035539.D (-2247) (-)

Ion 78.00 (77.70 to 78.70): VU035539.D (-2247) (-)

8.61

30000

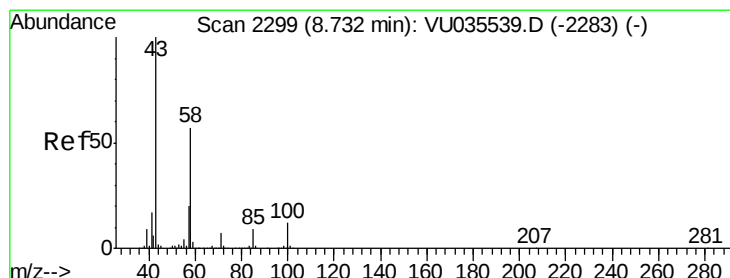
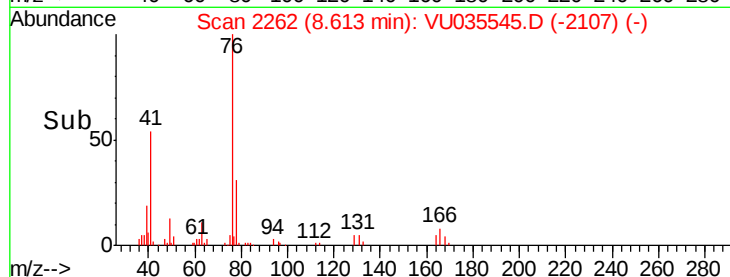
20000

10000

0

8.55 8.60 8.65 8.70

Time-->



#54

2-Hexanone

Concen: 8.374 ug/l

RT: 8.74 min Scan# 2300

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

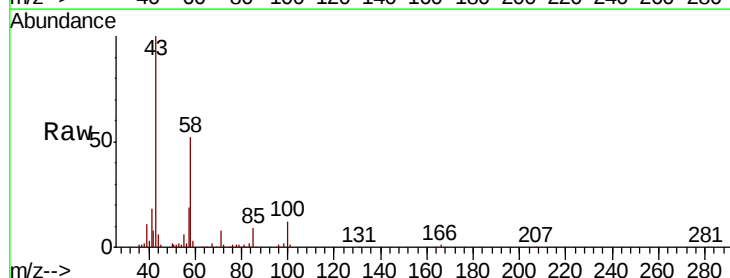
Tgt Ion: 43 Resp: 75702

Ion Ratio Lower Upper

43 100

58 50.4 37.2 77.2

57 17.2 0.0 39.1



Abundance Ion 43.00 (42.70 to 43.70): VU035539.D (-2283) (-)

Ion 58.00 (57.70 to 58.70): VU035539.D (-2283) (-)

Ion 57.00 (56.70 to 57.70): VU035539.D (-2283) (-)

8.74

40000

30000

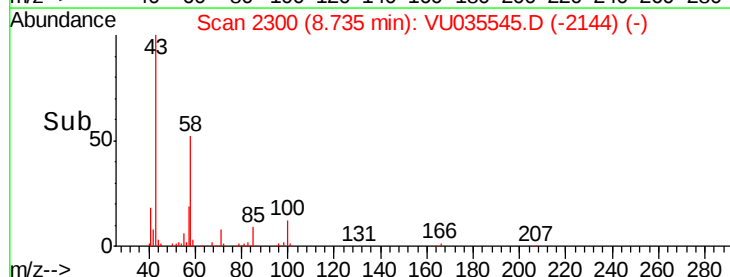
20000

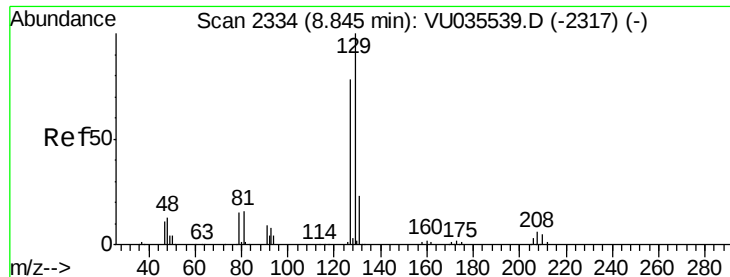
10000

0

8.70 8.80

Time-->





#55

Dibromochloromethane

Concen: 1.998 ug/l

RT: 8.84 min Scan# 2334

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

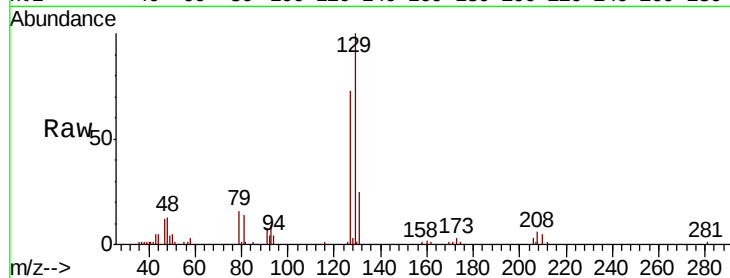
ClientSampled :

Tot Ion:129 Resp: 40790

Ion Ratio Lower Upper

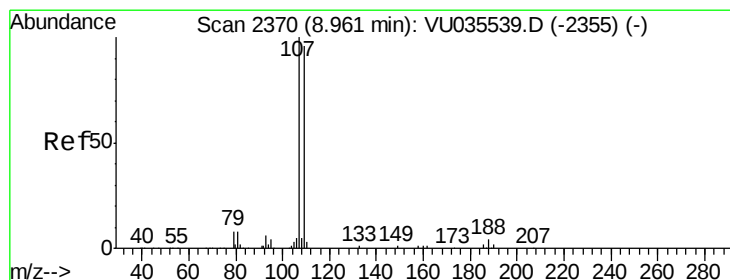
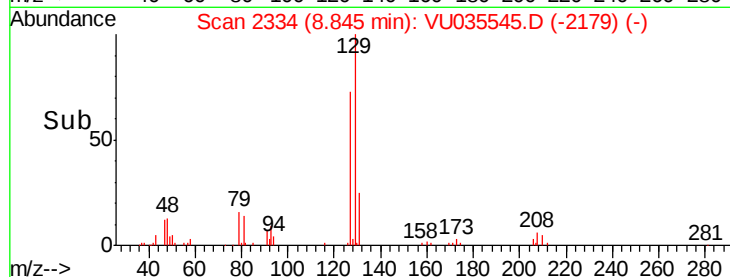
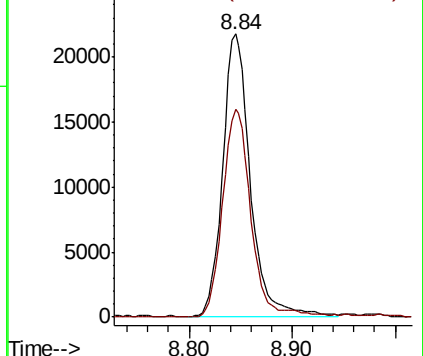
129 100

127 74.9 62.3 93.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.925 ug/l

RT: 8.96 min Scan# 2370

Delta R.T. -0.00 min

Lab File: VU035545.D

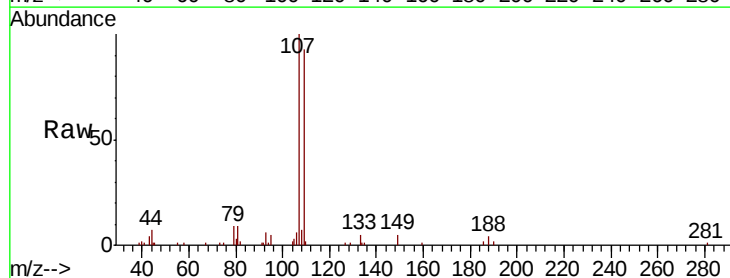
Acq: 29 Oct 2019 18:27

Tgt Ion:107 Resp: 29445

Ion Ratio Lower Upper

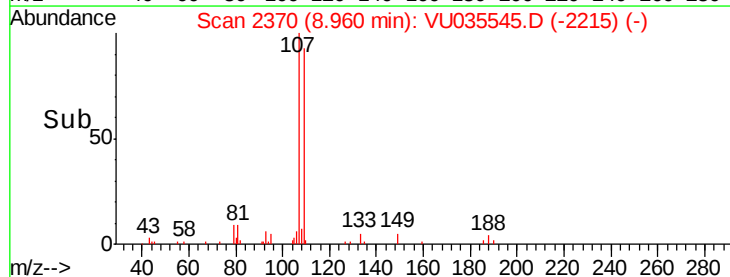
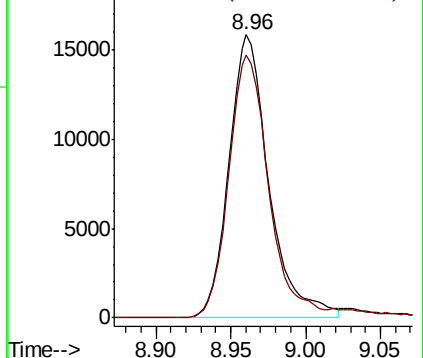
107 100

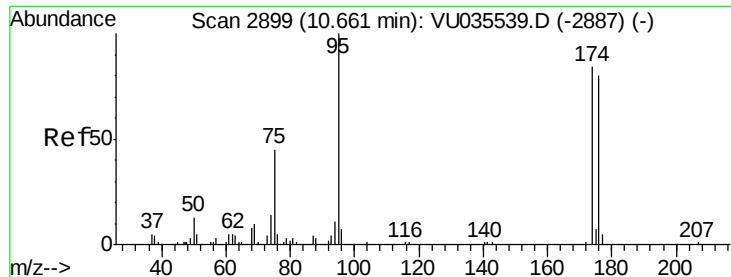
109 92.8 0.0 191.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

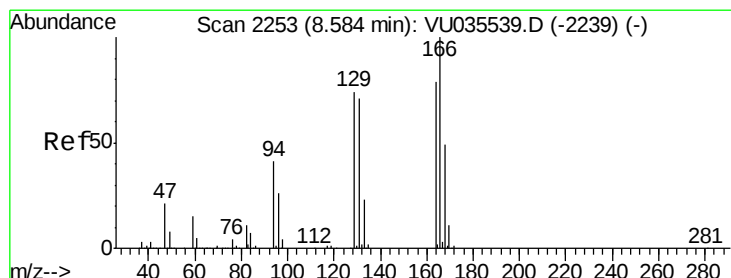
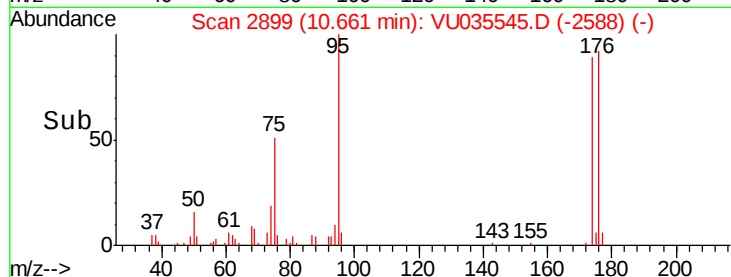
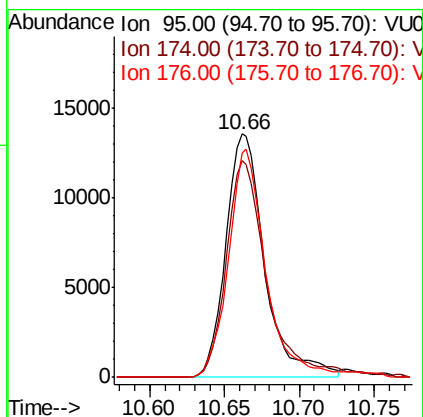
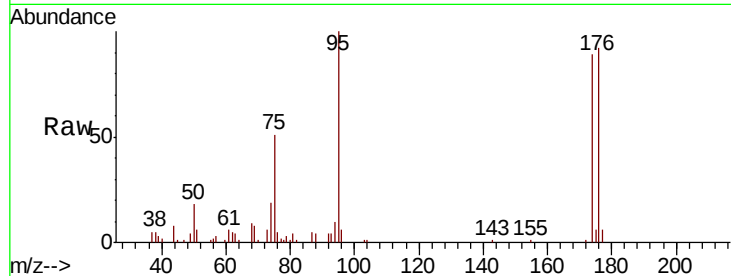




#57
4-Bromofluorobenzene
Concen: 0.959 ug/l
RT: 10.66 min Scan# 2899
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

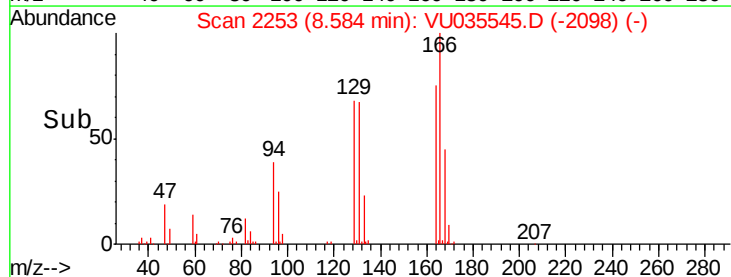
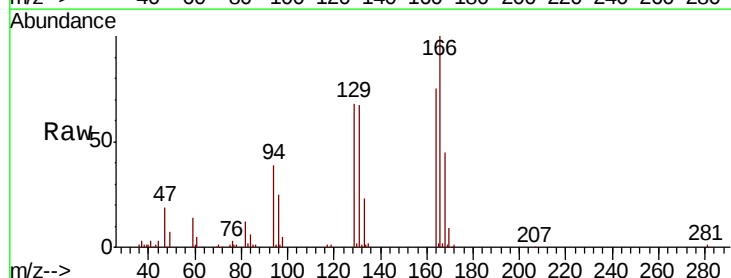
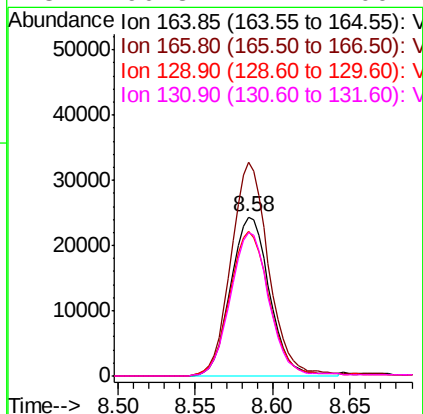
Instrument :
MSVOA_U
ClientSampleId :

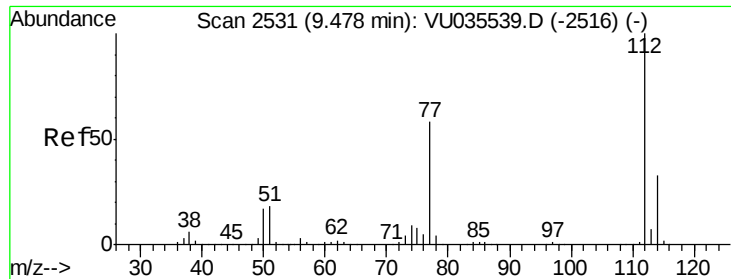
Tot Ion: 95 Resp: 24514
Ion Ratio Lower Upper
95 100
174 93.7 70.2 105.4
176 89.7 67.7 101.5



#58
Tetrachloroethene
Concen: 1.924 ug/l
RT: 8.58 min Scan# 2253
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 164 Resp: 42675
Ion Ratio Lower Upper
164 100
166 134.2 100.6 151.0
129 90.6 74.1 111.1
131 90.3 71.1 106.7

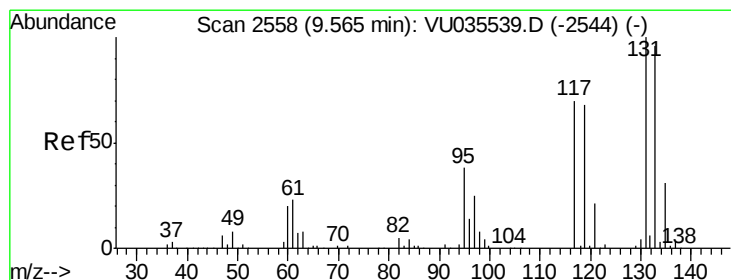
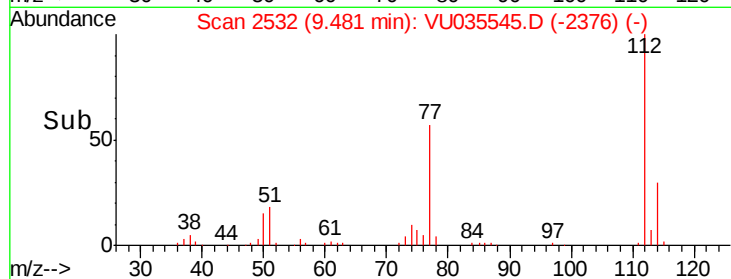
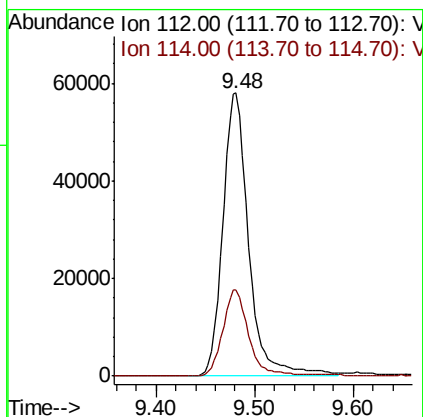
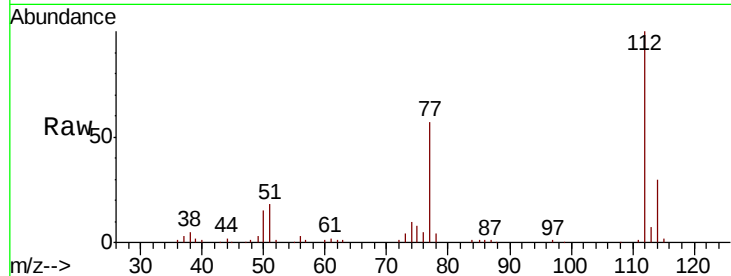




#59
Chlorobenzene
Concen: 1.857 ug/l
RT: 9.48 min Scan# 2532
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

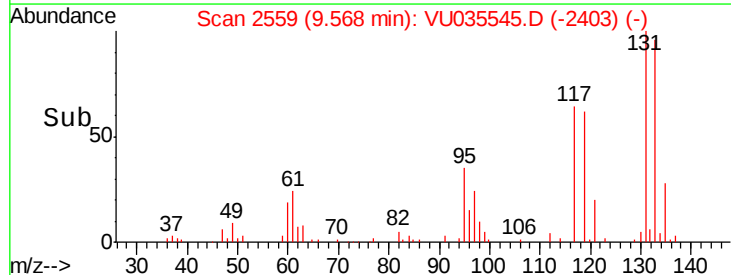
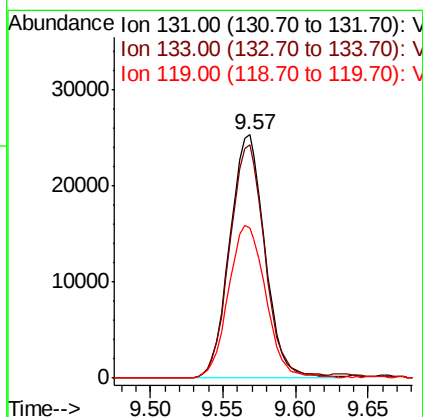
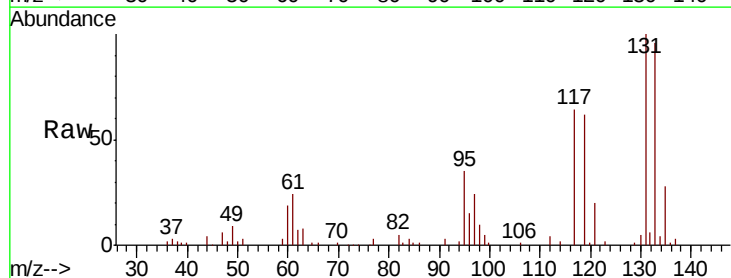
Instrument :
MSVOA_U
ClientSampleId :

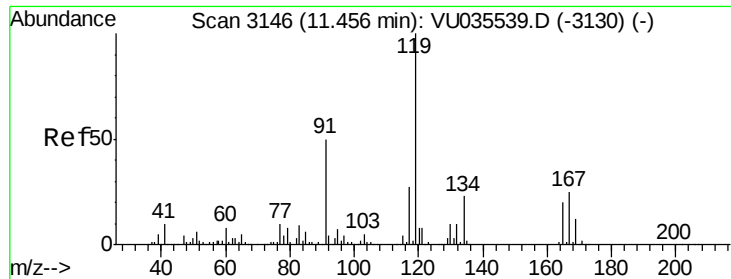
Tot Ion:112 Resp: 107268
Ion Ratio Lower Upper
112 100
114 30.3 26.5 39.7



#60
1,1,1,2-Tetrachloroethane
Concen: 1.916 ug/l
RT: 9.57 min Scan# 2559
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:131 Resp: 42536
Ion Ratio Lower Upper
131 100
133 96.5 76.9 115.3
119 66.6 53.6 80.4

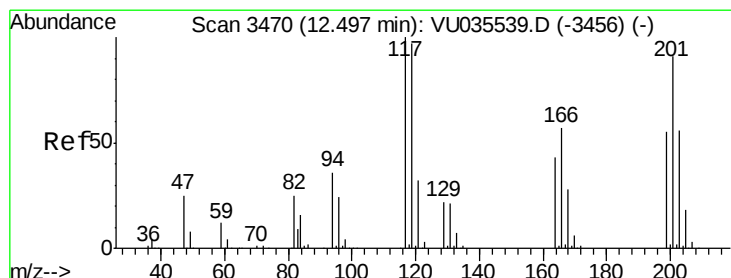
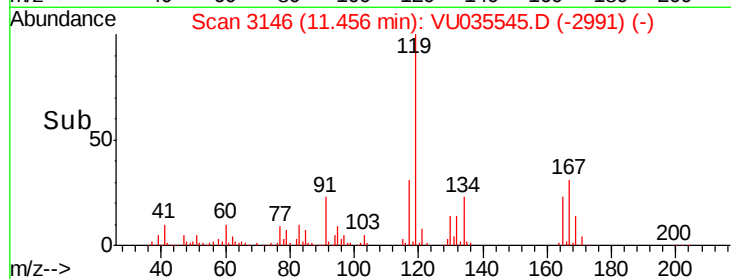
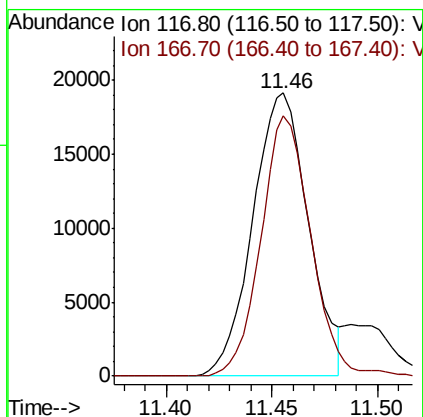
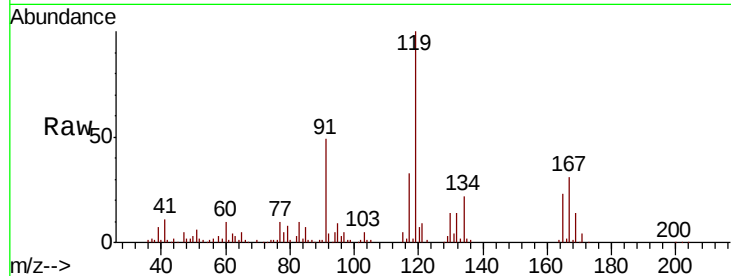




#61
 Pentachloroethane
 Concen: 1.936 ug/l
 RT: 11.46 min Scan# 3146
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

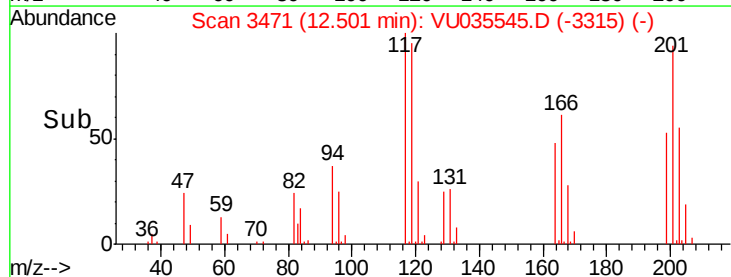
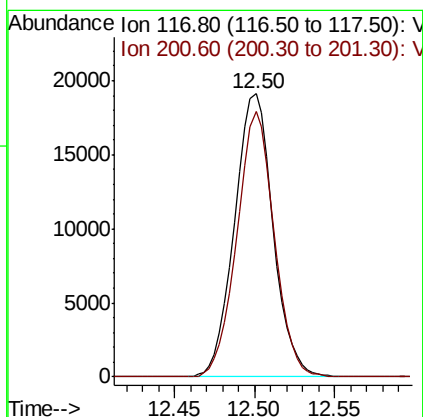
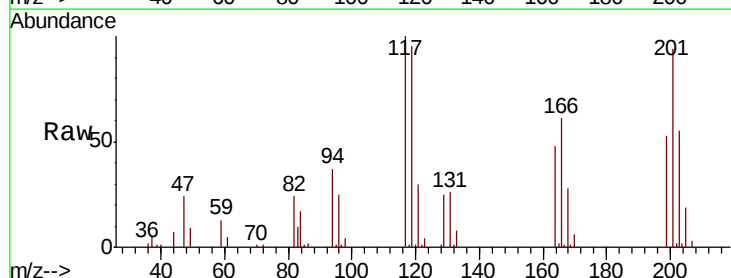
Instrument :
 MSVOA_U
 ClientSampleId :

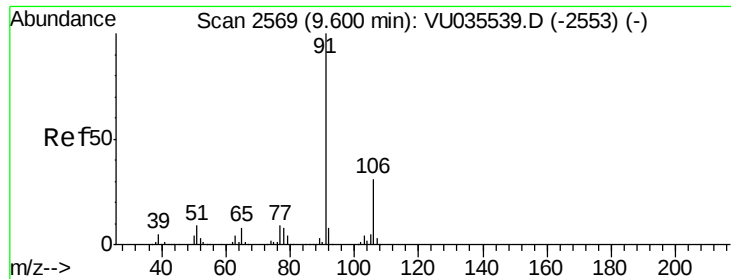
Tot Ion:117 Resp: 35036
 Ion Ratio Lower Upper
 117 100
 167 82.7 69.8 104.6



#62
 Hexachloroethane
 Concen: 1.894 ug/l
 RT: 12.50 min Scan# 3471
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion:117 Resp: 31309
 Ion Ratio Lower Upper
 117 100
 201 90.3 71.8 107.8

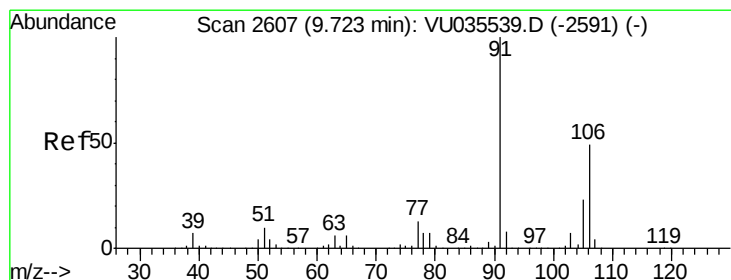
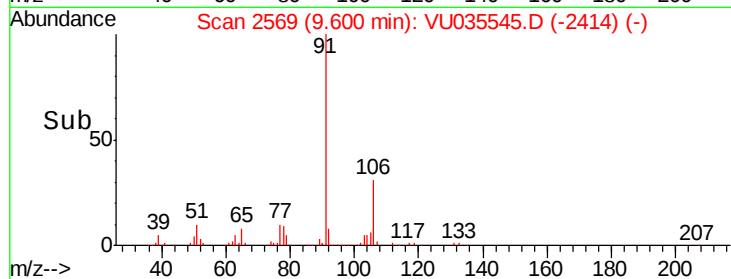
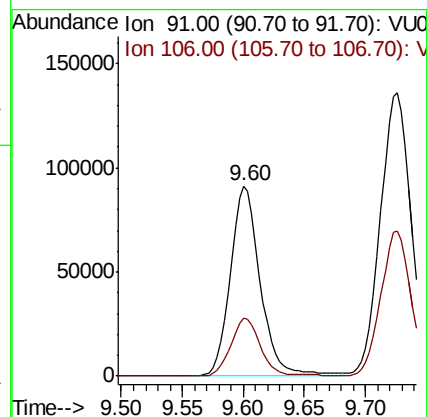
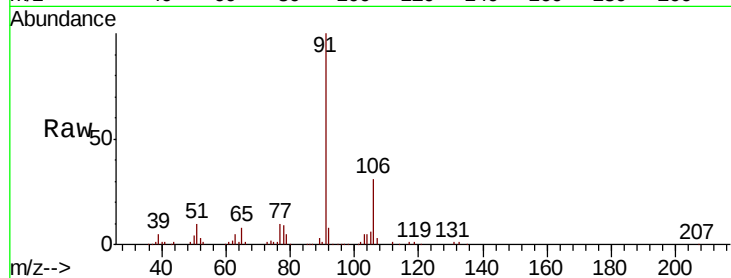




#63
Ethyl Benzene
Concen: 1.749 ug/l
RT: 9.60 min Scan# 2569
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

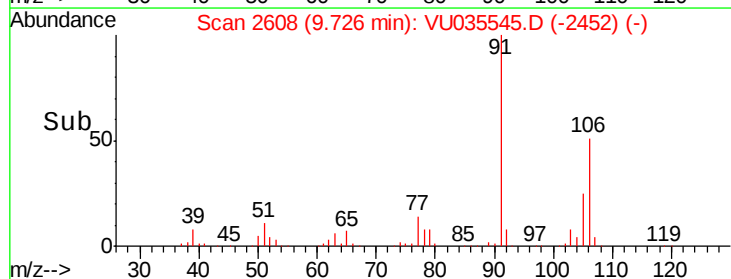
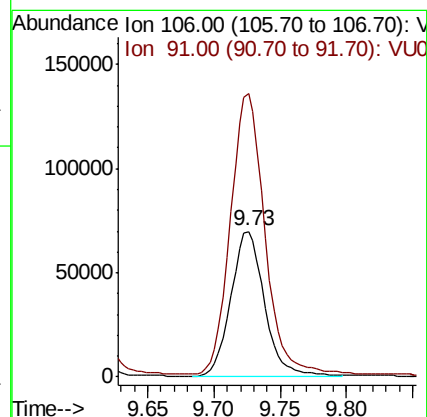
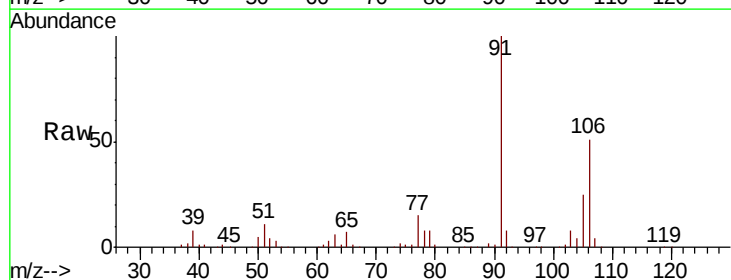
Instrument :
MSVOA_U
ClientSampleId :

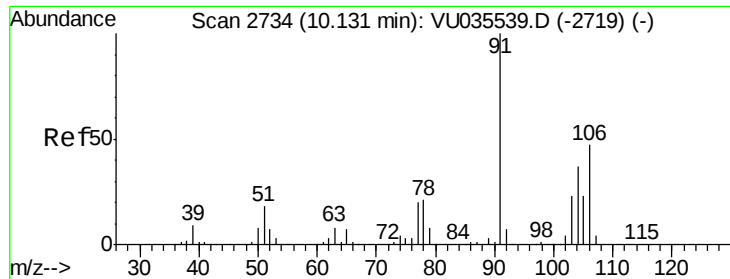
Tot Ion: 91 Resp: 156858
Ion Ratio Lower Upper
91 100
106 30.7 25.2 37.8



#64
m/p-Xylenes
Concen: 3.467 ug/l
RT: 9.73 min Scan# 2608
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion: 106 Resp: 122779
Ion Ratio Lower Upper
106 100
91 200.0 81.0 121.4#

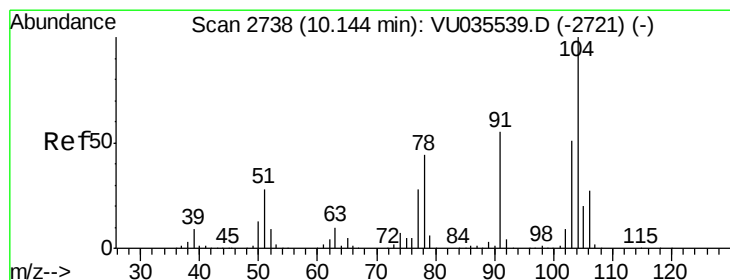
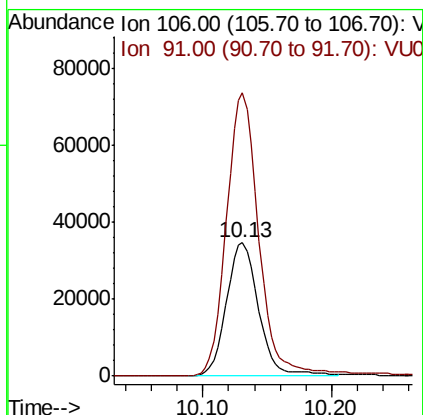
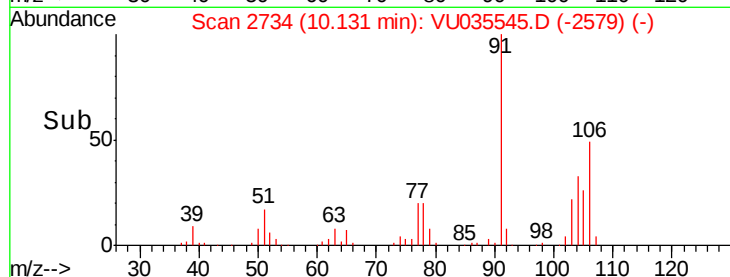
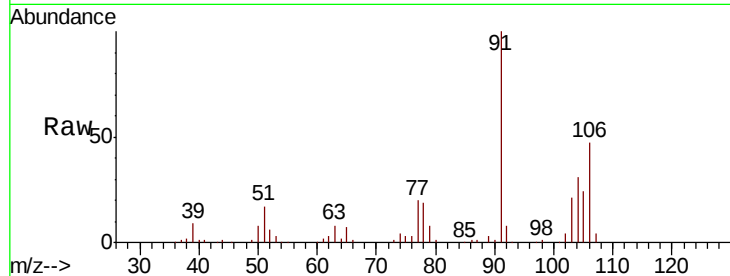




#65
o-Xylene
Concen: 1.760 ug/l
RT: 10.13 min Scan# 2734
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

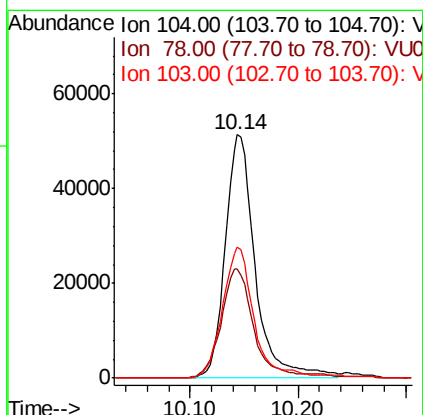
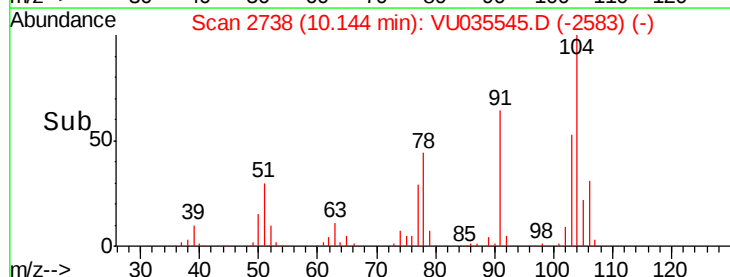
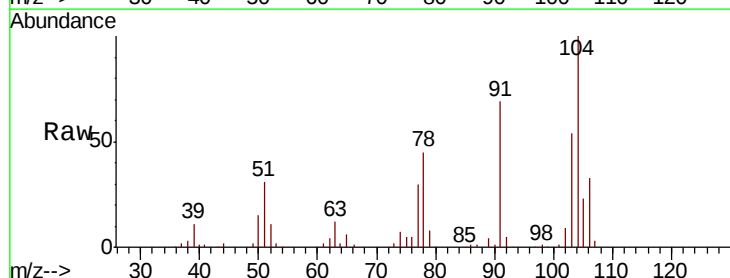
Instrument :
MSVOA_U
ClientSampled :

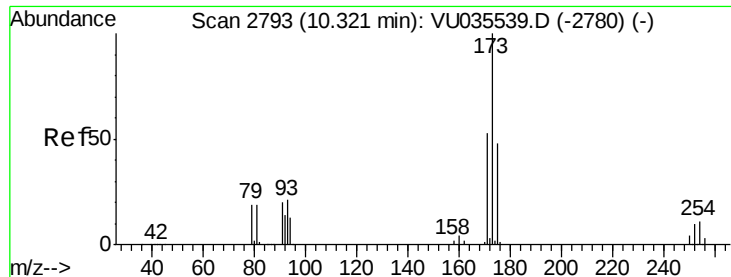
Tot Ion:106 Resp: 60227
Ion Ratio Lower Upper
106 100
91 214.6 107.1 321.1



#66
Styrene
Concen: 1.755 ug/l
RT: 10.14 min Scan# 2738
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:104 Resp: 99413
Ion Ratio Lower Upper
104 100
78 48.6 38.6 58.0
103 56.5 43.6 65.4

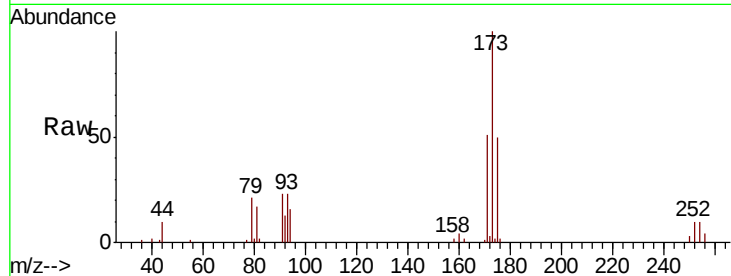




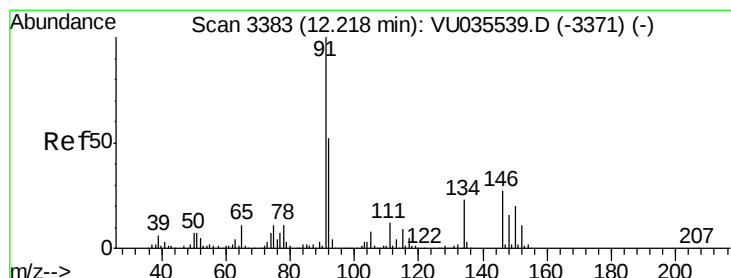
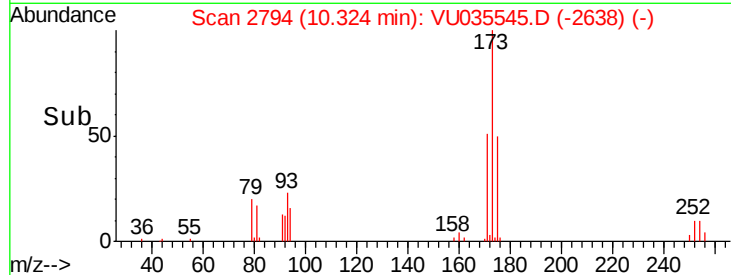
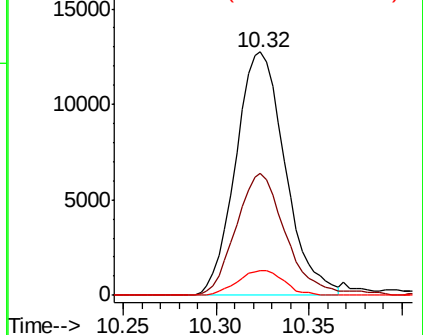
#67
Bromoform
Concen: 1.866 ug/l
RT: 10.32 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampleId :

Tot Ion:173 Resp: 23629
Ion Ratio Lower Upper
173 100
175 49.8 38.7 58.1
254 9.6 8.2 12.2

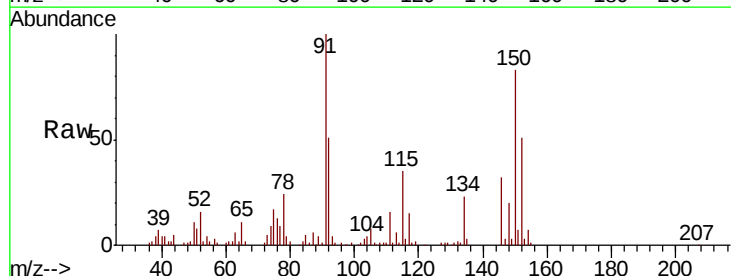


Abundance Ion 172.90 (172.60 to 173.60): V
Ion 174.90 (174.60 to 175.60): V
Ion 253.75 (253.45 to 254.45): V

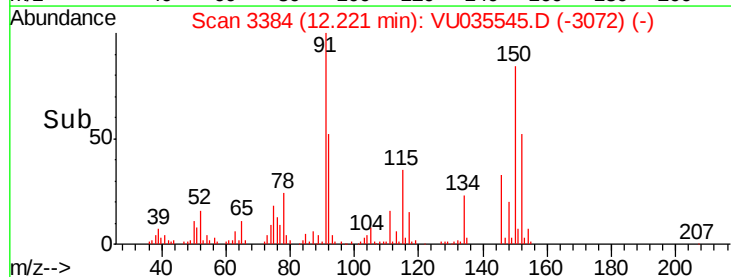
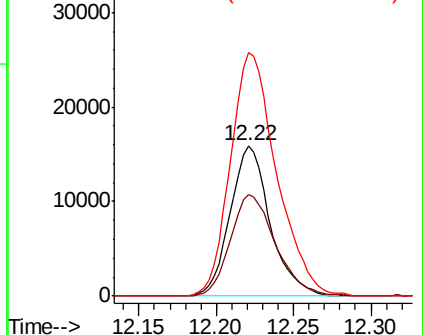


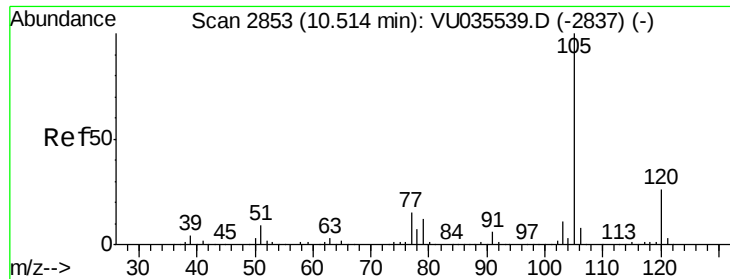
#68
1,2-Dichlorobenzene-d4
Concen: 1.047 ug/l
RT: 12.22 min Scan# 3384
Delta R.T. 0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:152 Resp: 28448
Ion Ratio Lower Upper
152 100
115 76.3 0.0 250.6
150 187.9 0.0 656.8



Abundance Ion 152.00 (151.70 to 152.70): V
Ion 115.00 (114.70 to 115.70): V
Ion 150.00 (149.70 to 150.70): V





#69

Isopropylbenzene

Concen: 1.746 ug/l

RT: 10.51 min Scan# 2853

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

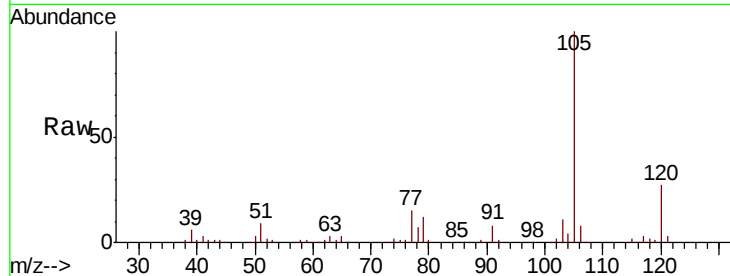
ClientSampled :

Tot Ion:105 Resp: 155742

Ion Ratio Lower Upper

105 100

120 27.2 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

10.51

80000

60000

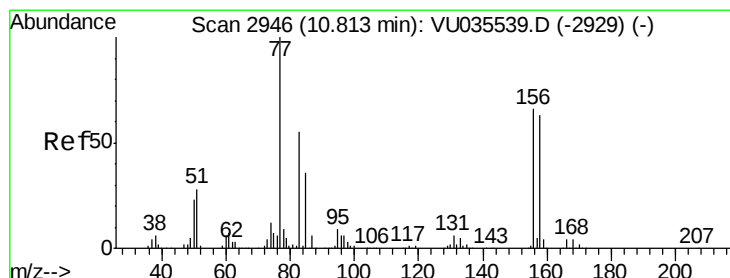
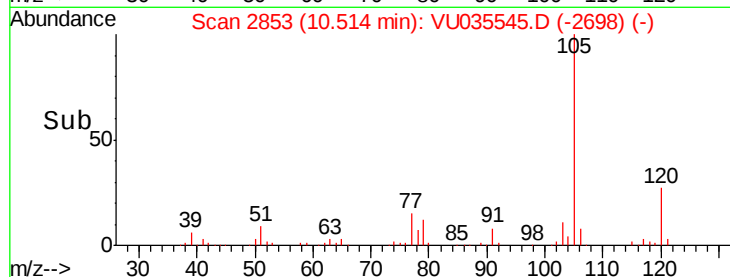
40000

20000

0

10.45 10.50 10.55 10.60

Time-->



#70

1,1,2,2-Tetrachloroethane

Concen: 1.919 ug/l

RT: 10.81 min Scan# 2946

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

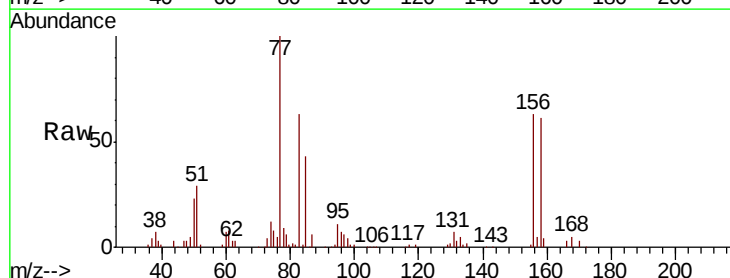
Tgt Ion: 83 Resp: 42770

Ion Ratio Lower Upper

83 100

131 10.9 0.0 0.0#

85 65.6 33.5 50.3#



Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0

10.81

30000

25000

20000

15000

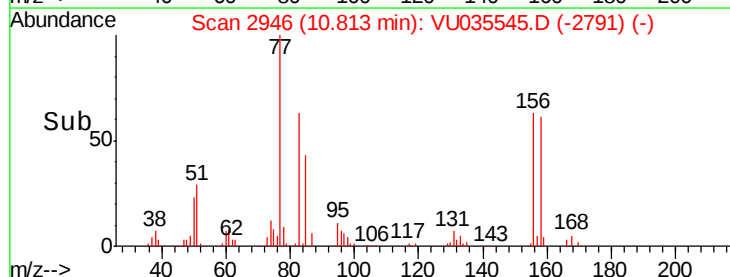
10000

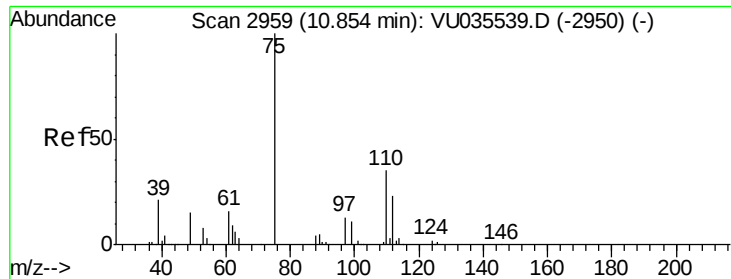
5000

0

10.80 10.90

Time-->

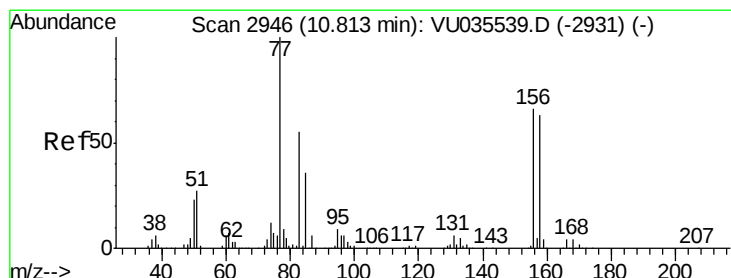
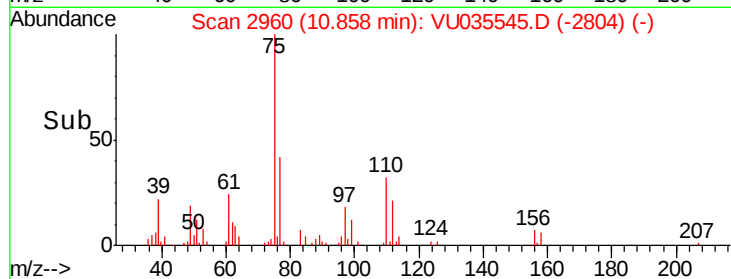
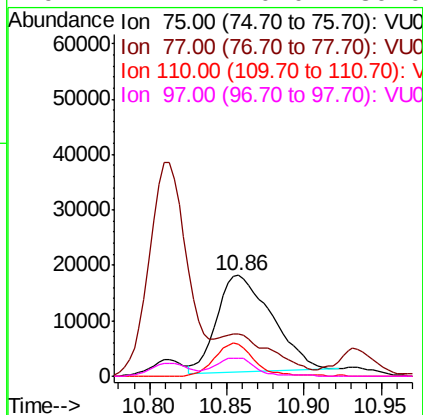
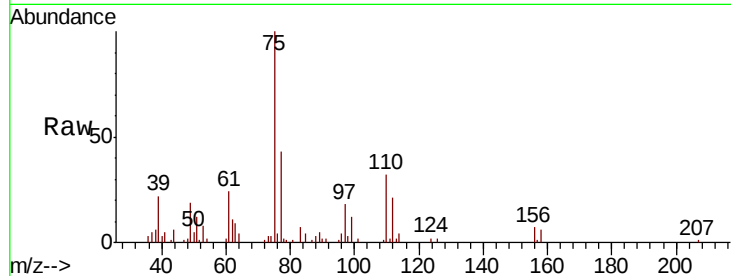




#71
 1,2,3-Trichloropropane
 Concen: 2.570 ug/l
 RT: 10.86 min Scan# 2960
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

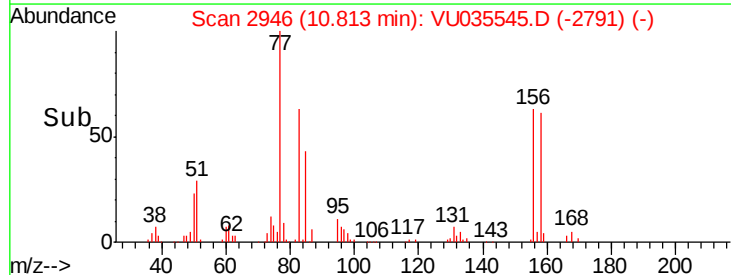
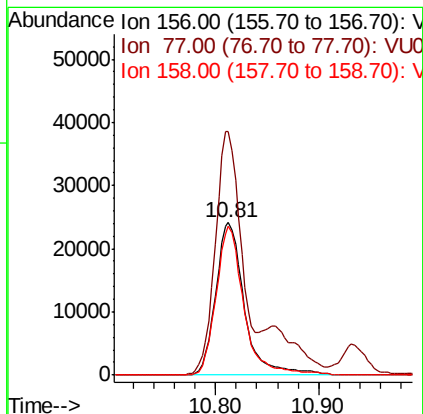
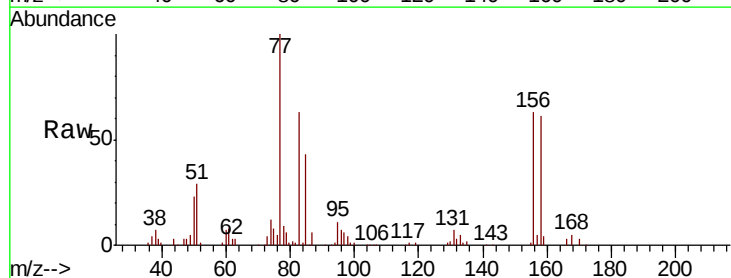
Instrument :
 MSVOA_U
 ClientSampled :

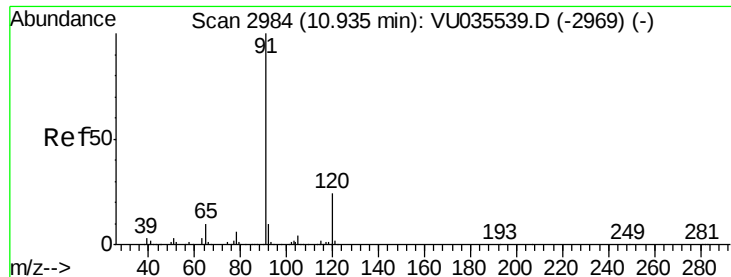
Tot Ion:	75	Resp:	43028
Ion	Ratio	Lower	Upper
75	100		
77	18.3	0.0	68.6
110	24.3	0.0	77.2
97	14.4	0.0	39.0



#72
 Bromobenzene
 Concen: 1.868 ug/l
 RT: 10.81 min Scan# 2946
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion:	156	Resp:	46440
Ion	Ratio	Lower	Upper
156	100		
77	145.4	0.0	300.4
158	95.4	0.0	194.4





#73

n-propylbenzene

Concen: 1.666 ug/l

RT: 10.93 min Scan# 2984

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

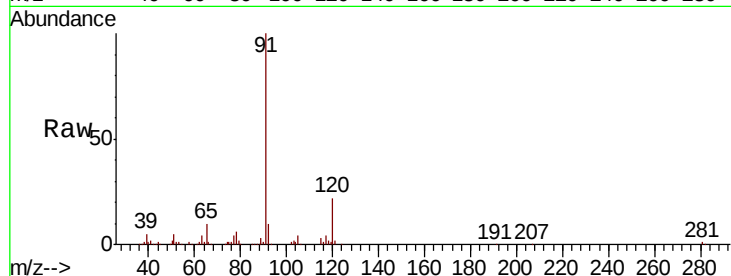
ClientSampleId :

Tot Ion:120 Resp: 41520

Ion Ratio Lower Upper

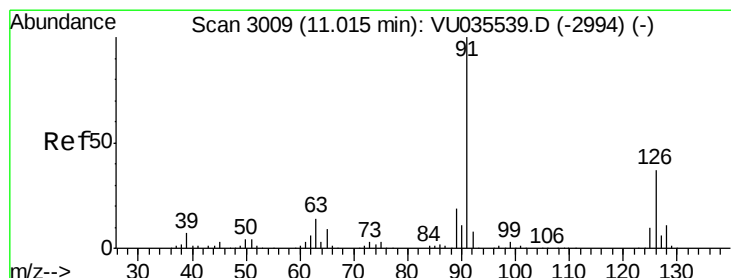
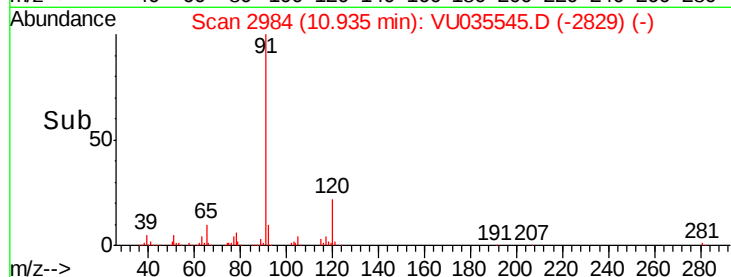
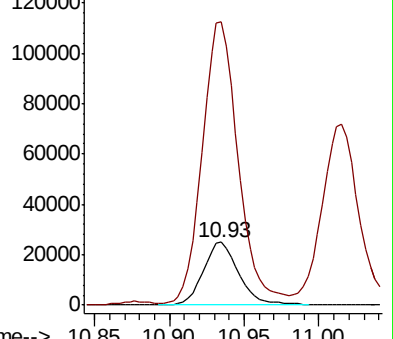
120 100

91 446.7 340.6 510.8



Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0



#74

2-Chlorotoluene

Concen: 1.837 ug/l

RT: 11.02 min Scan# 3009

Delta R.T. -0.00 min

Lab File: VU035545.D

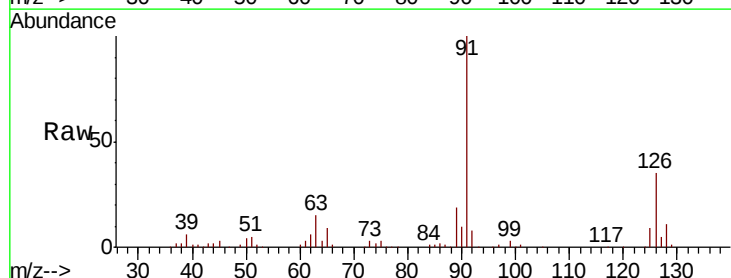
Acq: 29 Oct 2019 18:27

Tgt Ion:126 Resp: 42921

Ion Ratio Lower Upper

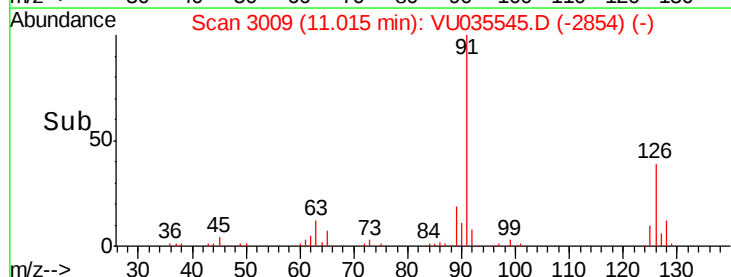
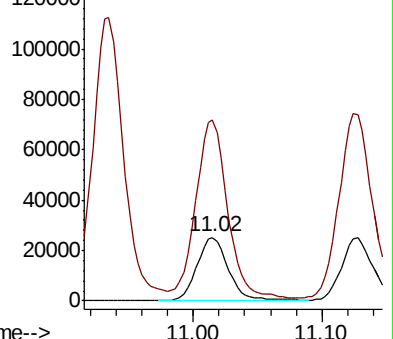
126 100

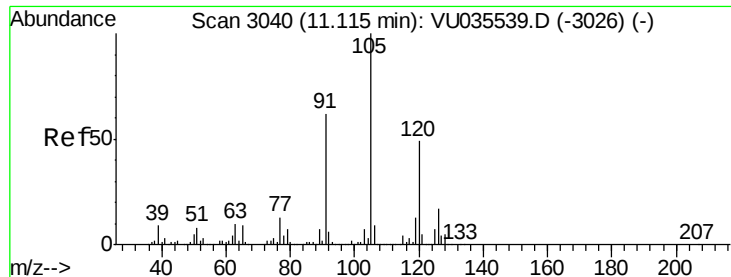
91 288.8 0.0 574.2



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0





#75

1,3,5-Trimethylbenzene

Concen: 1.752 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

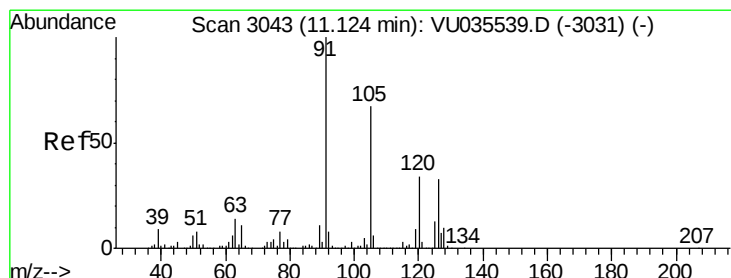
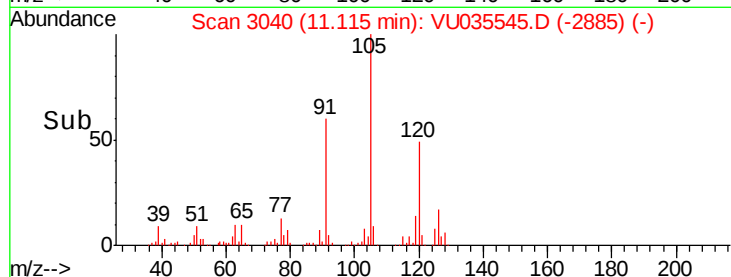
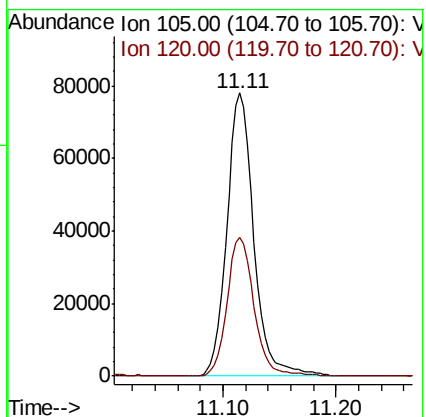
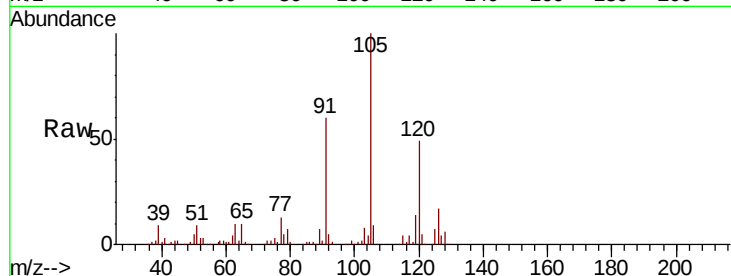
ClientSampled :

Tot Ion:105 Resp: 128833

Ion Ratio Lower Upper

105 100

120 49.3 39.4 59.2



#76

4-Chlorotoluene

Concen: 1.903 ug/l

RT: 11.13 min Scan# 3044

Delta R.T. 0.00 min

Lab File: VU035545.D

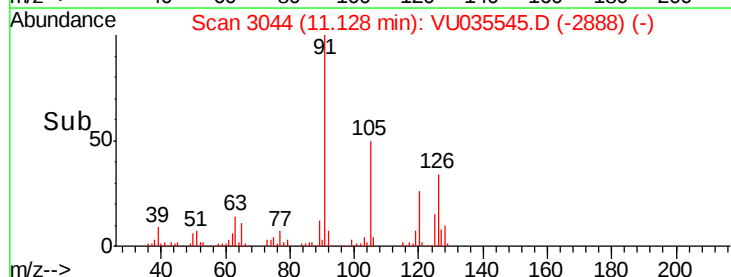
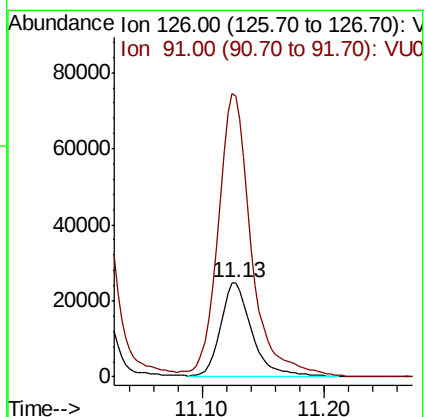
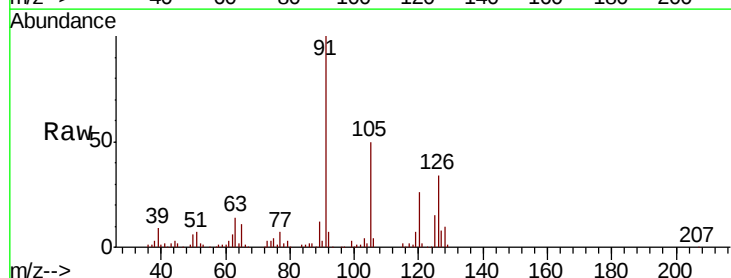
Acq: 29 Oct 2019 18:27

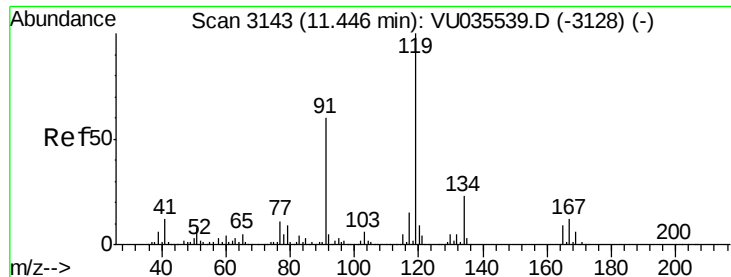
Tgt Ion:126 Resp: 45162

Ion Ratio Lower Upper

126 100

91 313.1 0.0 637.0

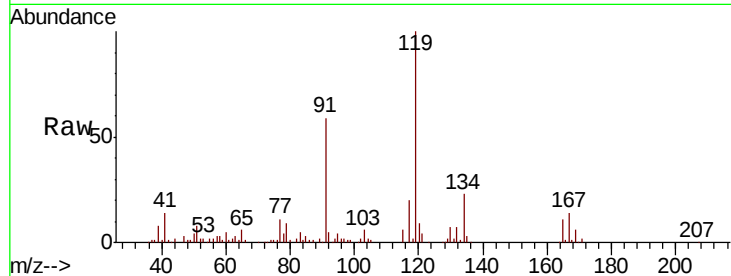




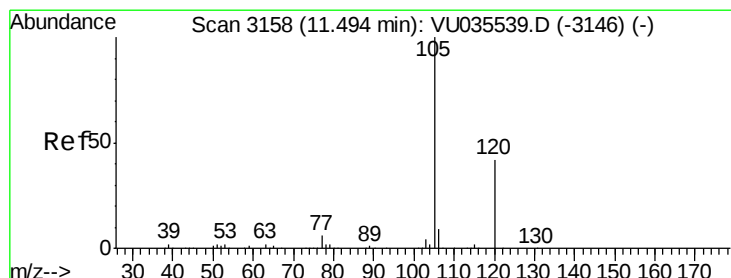
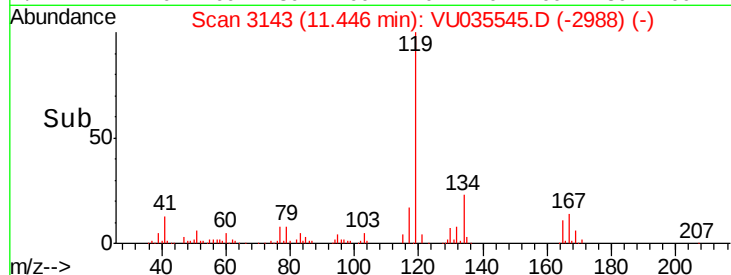
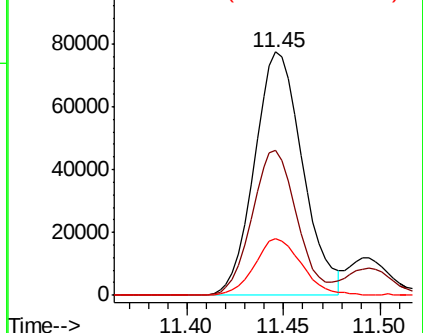
#77
tert-Butylbenzene
Concen: 1.774 ug/l
RT: 11.45 min Scan# 3143
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Instrument :
MSVOA_U
ClientSampled :

Tot Ion:119 Resp: 133760
Ion Ratio Lower Upper
119 100
91 55.9 27.9 83.7
134 22.9 18.3 27.5

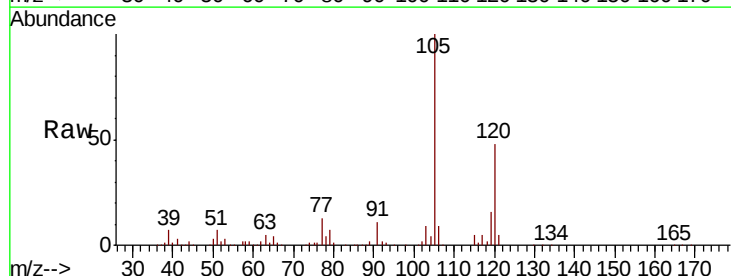


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

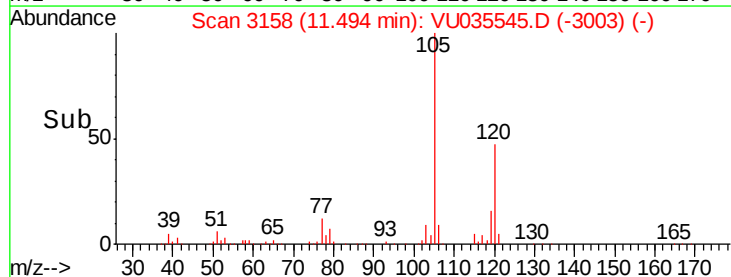
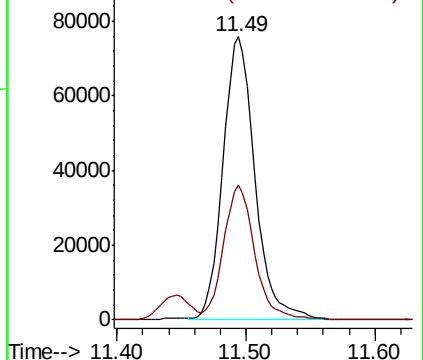


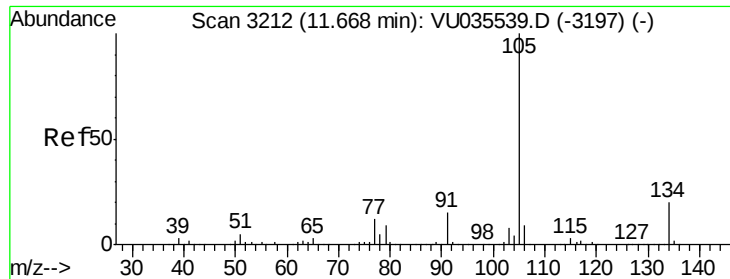
#78
1,2,4-Trimethylbenzene
Concen: 1.745 ug/l
RT: 11.49 min Scan# 3158
Delta R.T. -0.00 min
Lab File: VU035545.D
Acq: 29 Oct 2019 18:27

Tgt Ion:105 Resp: 129837
Ion Ratio Lower Upper
105 100
120 46.8 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#79

sec-Butylbenzene

Concen: 1.780 ug/l

RT: 11.67 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

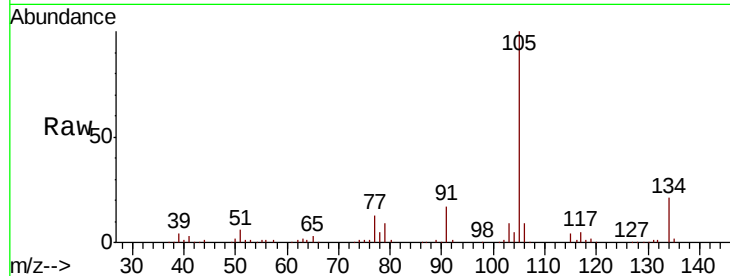
ClientSampled :

Tot Ion: 105 Resp: 171649

Ion Ratio Lower Upper

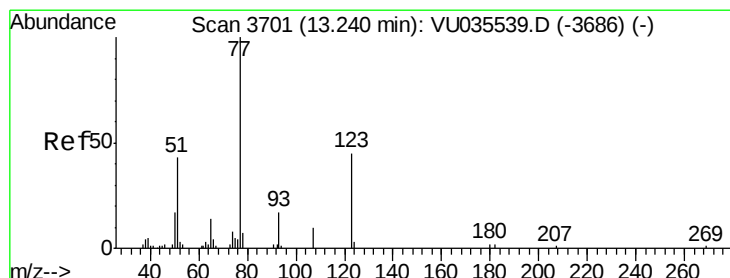
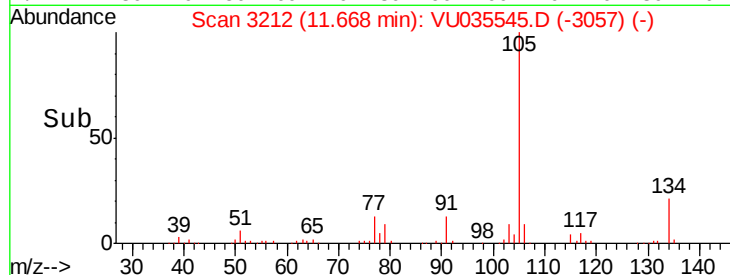
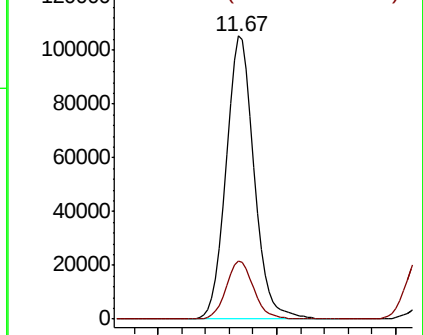
105 100

134 20.3 15.9 23.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#80

Nitrobenzene

Concen: 3.170 ug/l

RT: 13.24 min Scan# 3700

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

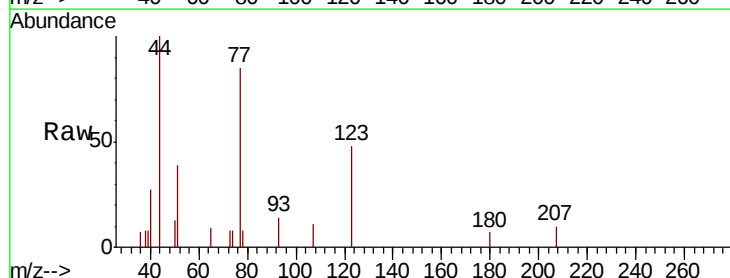
Tgt Ion: 77 Resp: 2368

Ion Ratio Lower Upper

77 100

123 43.1 18.9 67.1

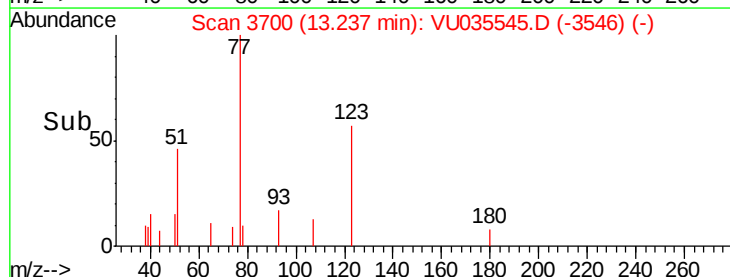
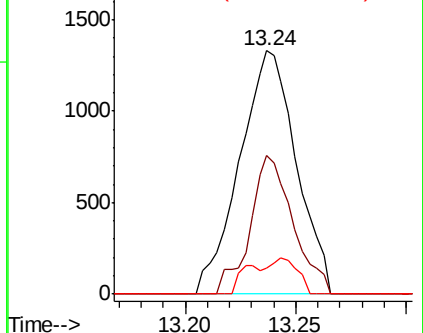
65 7.7 11.2 14.2#

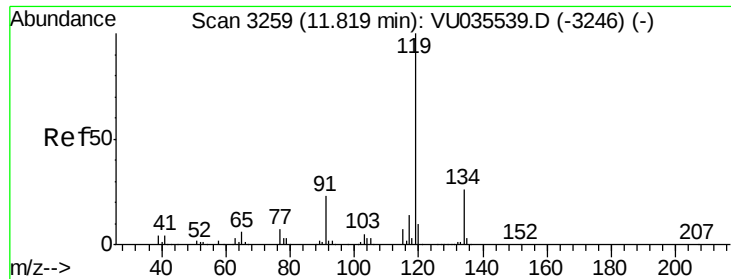


Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 123.00 (122.70 to 123.70): V

Ion 65.00 (64.70 to 65.70): VU0

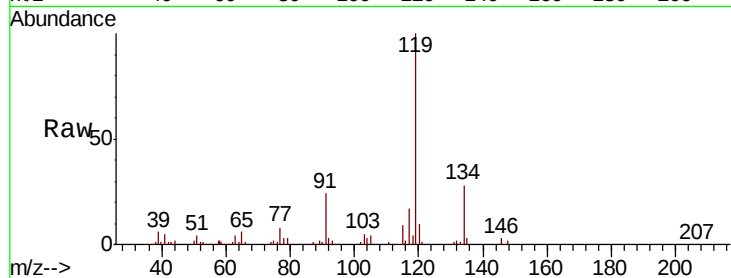




#81
 p-Isopropyltoluene
 Concen: 1.716 ug/l
 RT: 11.82 min Scan# 3259
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Instrument :
 MSVOA_U
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	17.0	25.4#
91	24.1	41.3	61.9#

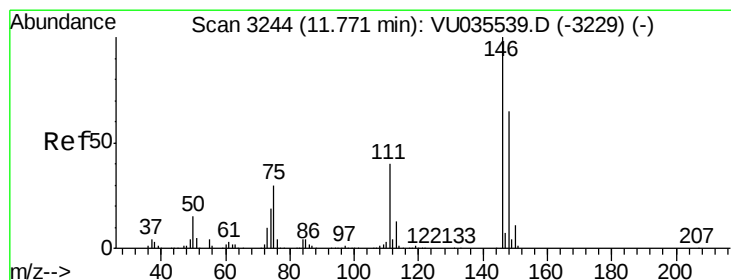
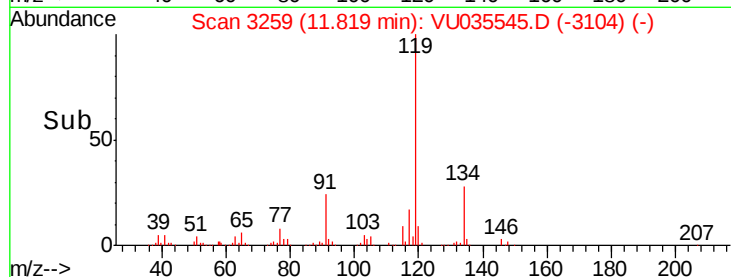
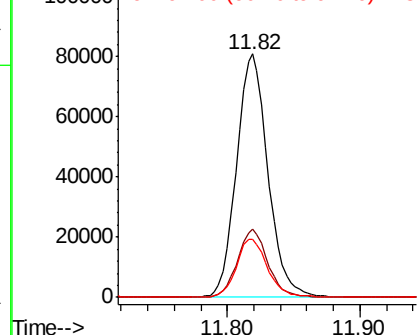


Abundance

Ion 119.00 (118.70 to 119.70): V

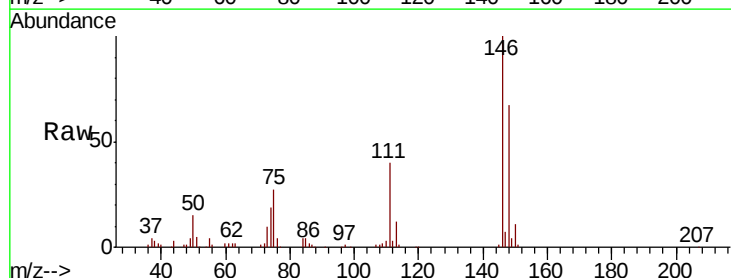
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V



#82
 1,3-Dichlorobenzene
 Concen: 1.908 ug/l
 RT: 11.77 min Scan# 3245
 Delta R.T. 0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	31.8	47.6
148	65.1	50.9	76.3

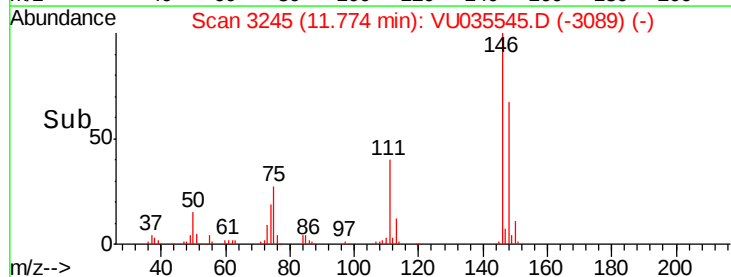
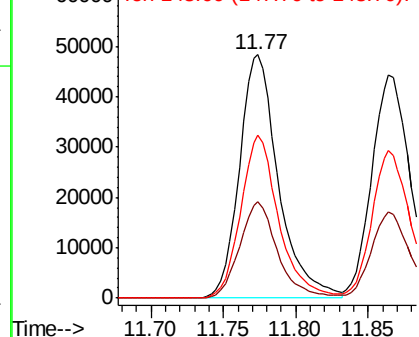


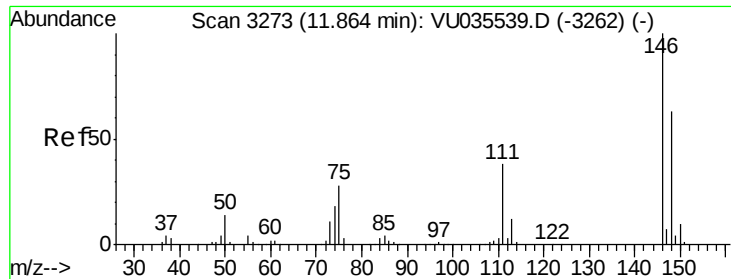
Abundance

Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

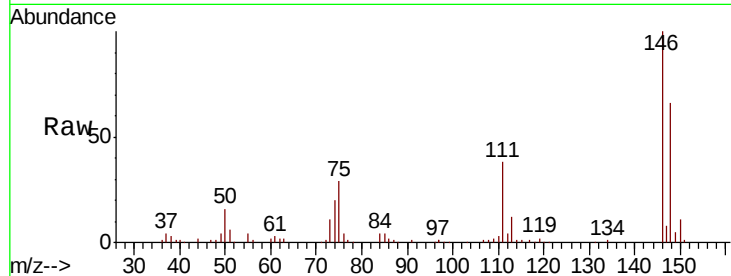




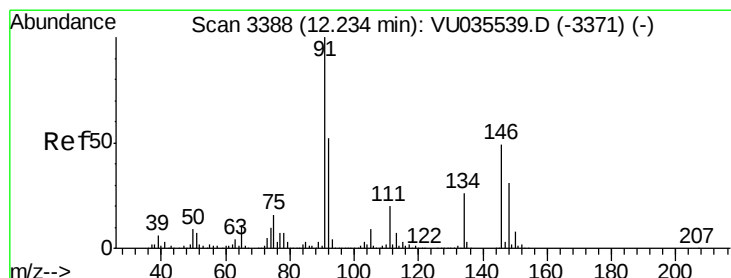
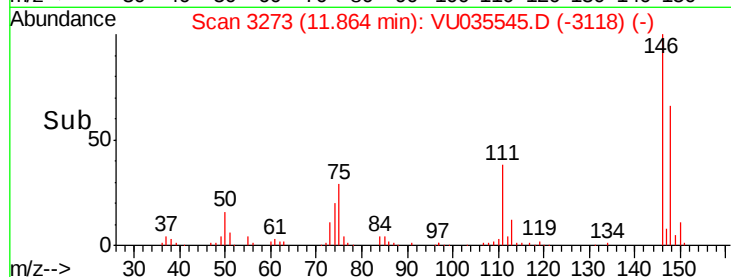
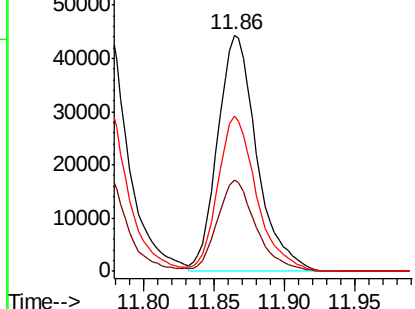
#83
 1,4-Dichlorobenzene
 Concen: 1.892 ug/l
 RT: 11.86 min Scan# 3273
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:146 Resp: 85913
 Ion Ratio Lower Upper
 146 100
 111 38.2 30.1 45.1
 148 65.2 51.0 76.4

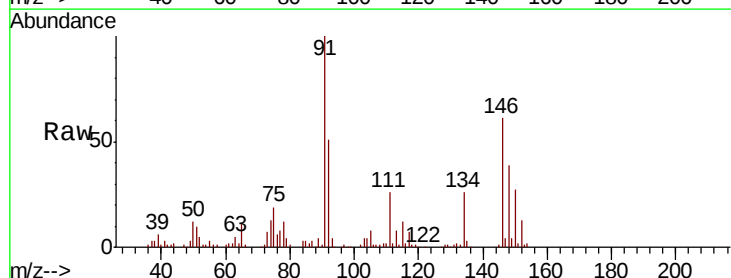


Abundance Ion 146.00 (145.70 to 146.70): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

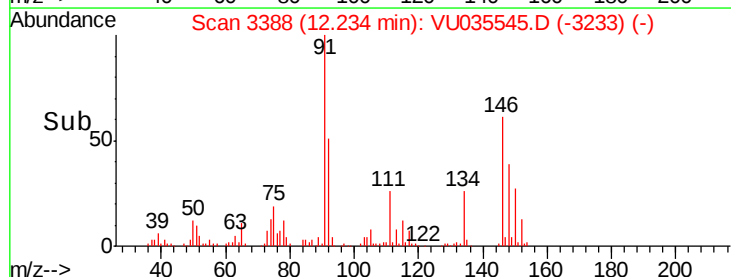
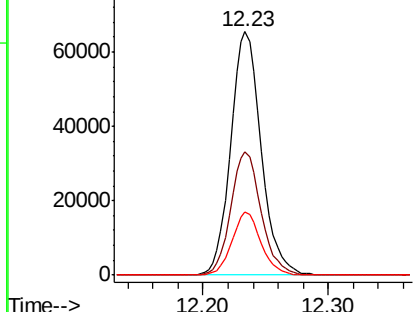


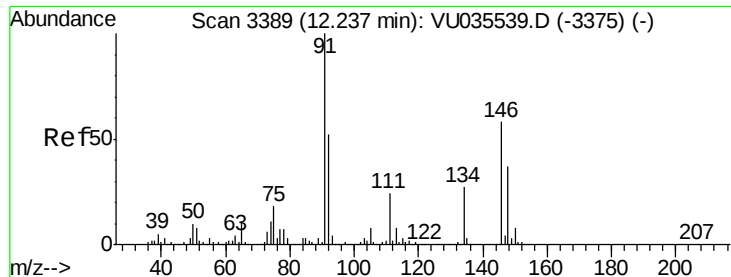
#84
 n-Butylbenzene
 Concen: 1.739 ug/l
 RT: 12.23 min Scan# 3388
 Delta R.T. -0.00 min
 Lab File: VU035545.D
 Acq: 29 Oct 2019 18:27

Tgt Ion: 91 Resp: 110138
 Ion Ratio Lower Upper
 91 100
 92 50.3 41.4 62.0
 134 24.5 20.6 30.8



Abundance Ion 91.00 (90.70 to 91.70): VU0
 Ion 92.00 (91.70 to 92.70): VU0
 Ion 134.00 (133.70 to 134.70): V





#85

1,2-Dichlorobenzene

Concen: 1.902 ug/l

RT: 12.24 min Scan# 3390

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

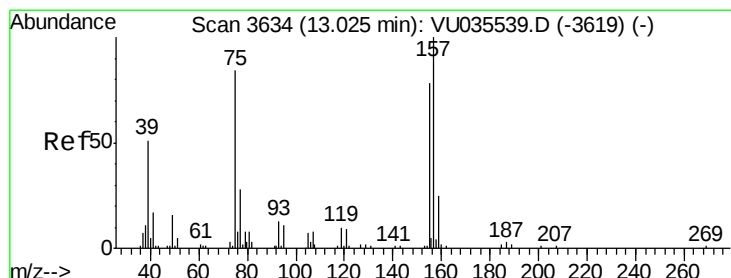
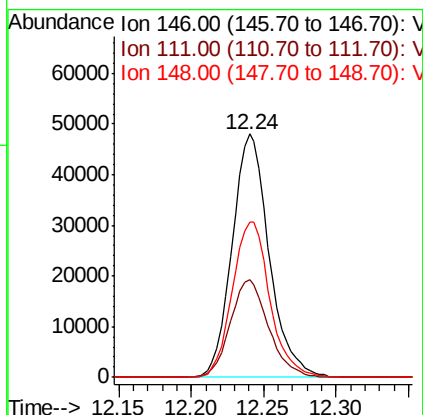
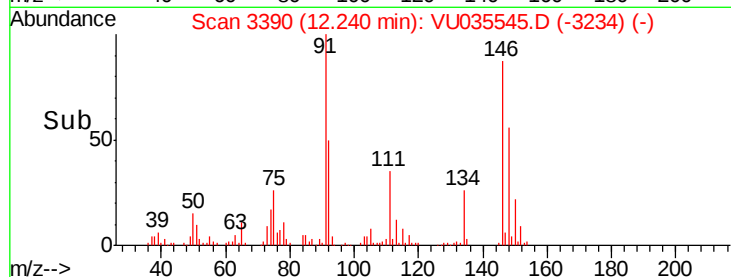
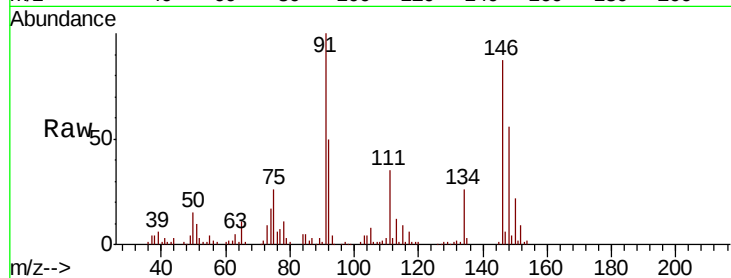
Tot Ion:146 Resp: 84820

Ion Ratio Lower Upper

146 100

111 41.5 20.5 61.5

148 64.9 32.0 96.2



#86

1,2-Dibromo-3-Chloropropane

Concen: 1.917 ug/l

RT: 13.02 min Scan# 3634

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

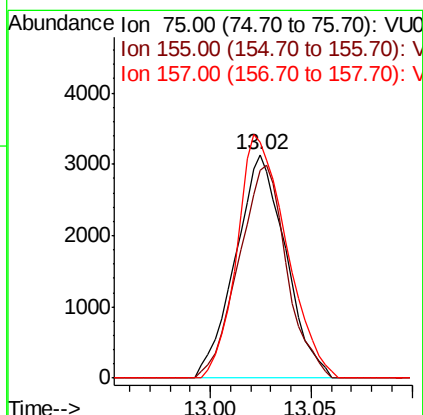
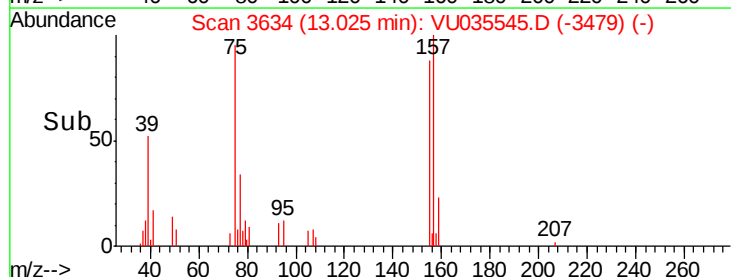
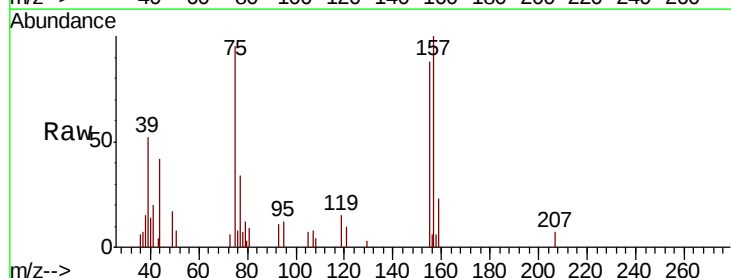
Tgt Ion: 75 Resp: 5443

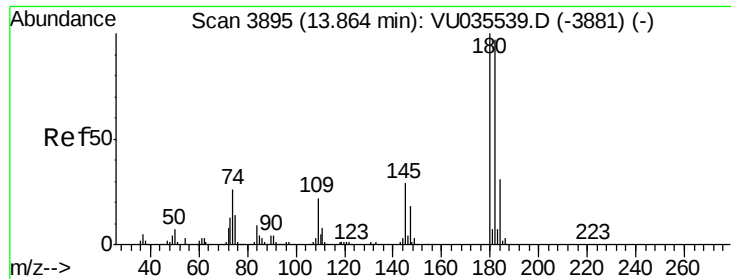
Ion Ratio Lower Upper

75 100

155 91.3 71.3 106.9

157 107.5 91.2 136.8





#87

1,2,4-Trichlorobenzene

Concen: 1.806 ug/l

RT: 13.87 min Scan# 3896

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

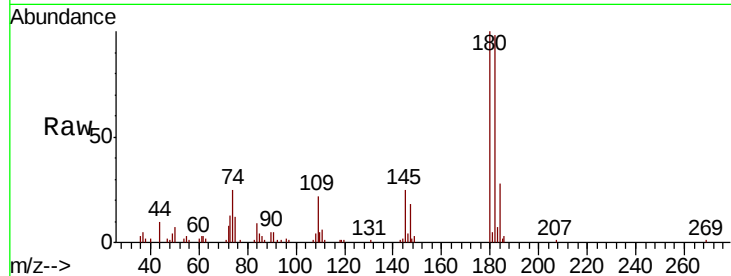
Tot Ion:180 Resp: 26468

Ion Ratio Lower Upper

180 100

182 99.0 77.4 116.0

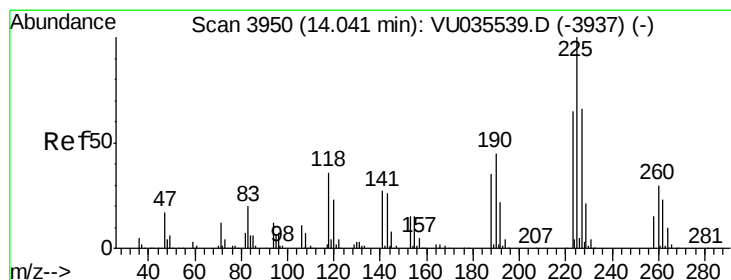
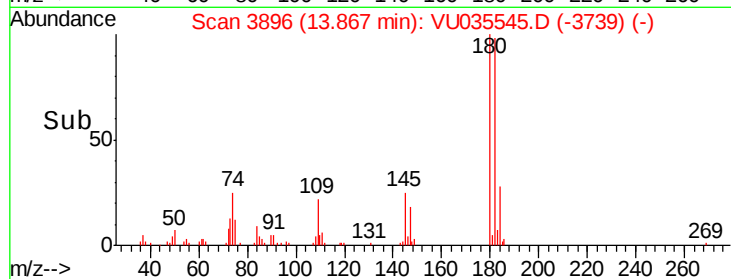
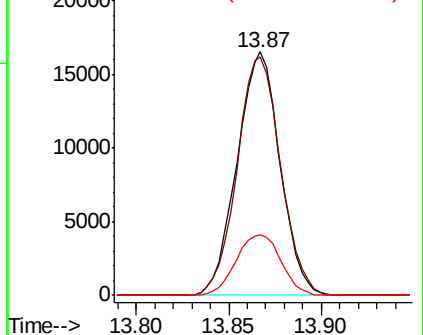
145 25.7 22.6 33.8



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#88

Hexachlorobutadiene

Concen: 1.976 ug/l

RT: 14.04 min Scan# 3950

Delta R.T. -0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

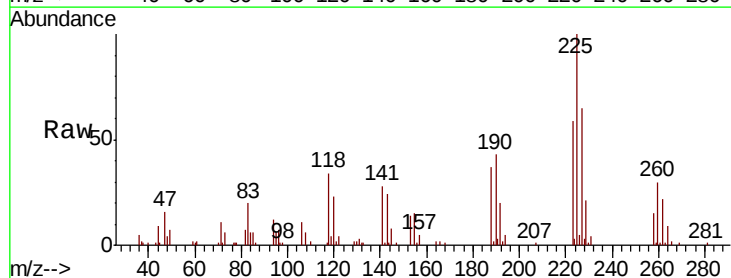
Tgt Ion:225 Resp: 32821

Ion Ratio Lower Upper

225 100

223 61.5 50.7 76.1

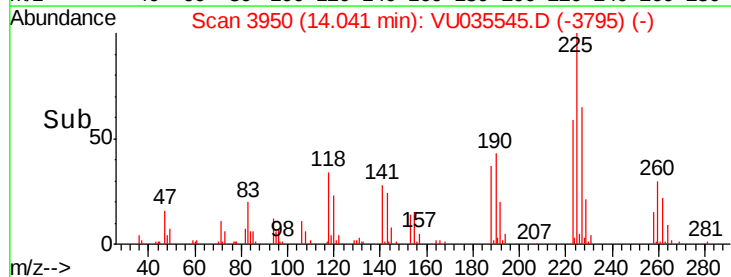
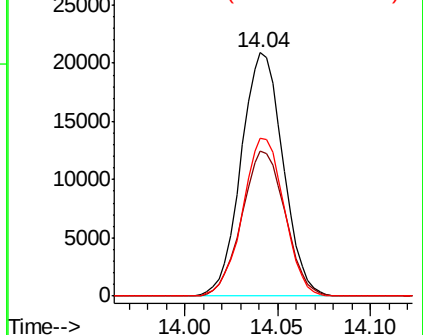
227 64.2 52.2 78.4

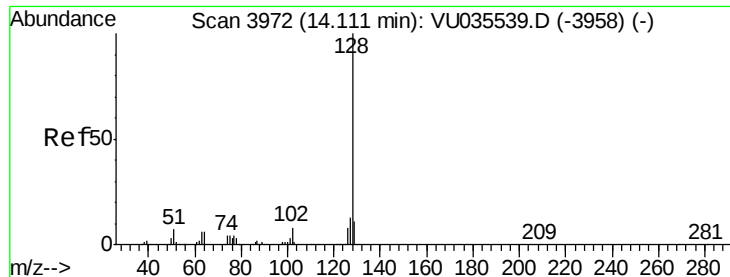


Abundance Ion 224.60 (224.30 to 225.30): V

Ion 222.60 (222.30 to 223.30): V

Ion 226.60 (226.30 to 227.30): V





#89

Naphthalene

Concen: 1.626 ug/l

RT: 14.11 min Scan# 3973

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

Instrument :

MSVOA_U

ClientSampleId :

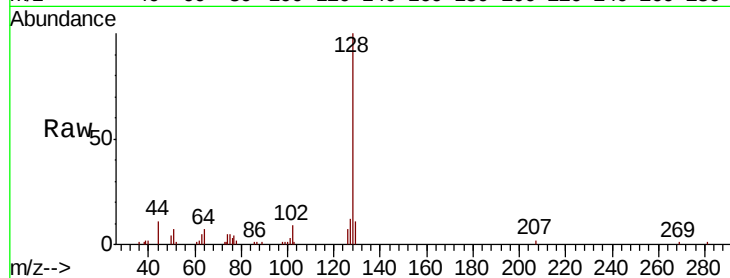
Tot Ion:128 Resp: 27997

Ion Ratio Lower Upper

128 100

127 13.5 10.3 15.5

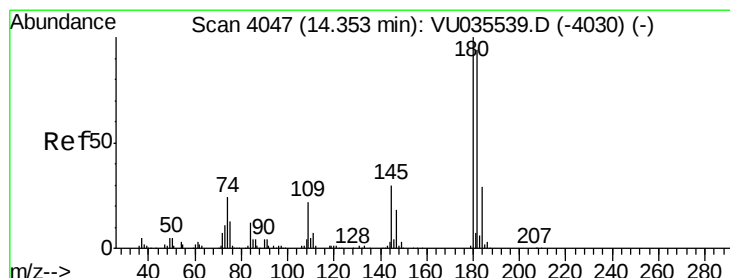
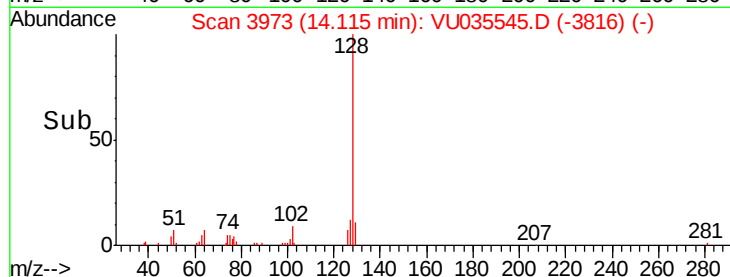
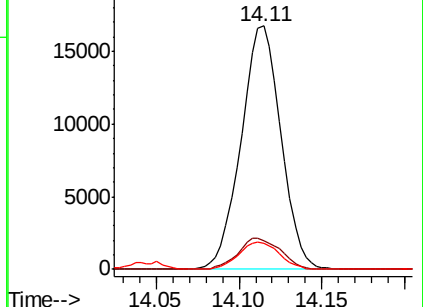
129 11.3 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#90

1,2,3-Trichlorobenzene

Concen: 1.774 ug/l

RT: 14.36 min Scan# 4048

Delta R.T. 0.00 min

Lab File: VU035545.D

Acq: 29 Oct 2019 18:27

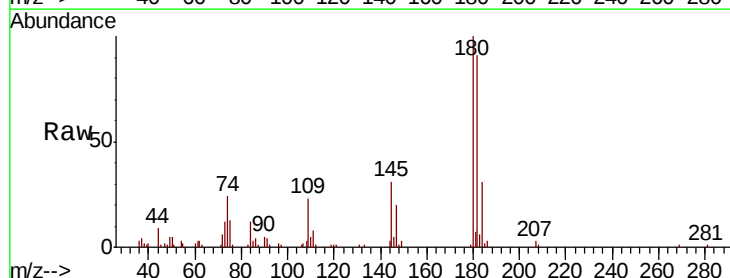
Tgt Ion:180 Resp: 27358

Ion Ratio Lower Upper

180 100

182 91.9 75.8 113.8

145 30.6 23.7 35.5



Abundance Ion 179.70 (179.40 to 180.40): V

Ion 181.70 (181.40 to 182.40): V

Ion 144.80 (144.50 to 145.50): V

