

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
 Data File : VX013598.D
 Acq On : 26 Nov 2019 13:55
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 26 15:07:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	637269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	966671	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	862636	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	417218	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	42121	5.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.30%	
35) Dibromofluoromethane	5.49	113	31624	5.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.56%	
50) Toluene-d8	8.71	98	129443	5.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.44%	
62) 4-Bromofluorobenzene	11.14	95	44265	5.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.82%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.19	85	37199	5.122	ug/l	100
3) Chloromethane	1.32	50	41997	5.312	ug/l	98
4) Vinyl Chloride	1.40	62	44629	4.968	ug/l	97
5) Bromomethane	1.63	94	35658	5.787	ug/l	100
6) Chloroethane	1.71	64	28728	5.029	ug/l	98
7) Trichlorofluoromethane	1.92	101	56339	5.357	ug/l	100
8) Diethyl Ether	2.18	74	25833	5.536	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	33095	5.566	ug/l	97
10) Methyl Iodide	2.50	142	30887	4.184	ug/l	98
11) Tert butyl alcohol	3.03	59	54582	27.916	ug/l #	94
12) 1,1-Dichloroethene	2.36	96	32973	5.653	ug/l	95
13) Acrolein	2.28	56	16021	14.599	ug/l	99
14) Allyl chloride	2.72	41	59075	5.558	ug/l	98
15) Acrylonitrile	3.13	53	105246	28.581	ug/l	99
16) Acetone	2.43	43	99434	26.751	ug/l	99
17) Carbon Disulfide	2.56	76	87993	5.600	ug/l	99
18) Methyl Acetate	2.76	43	53998	5.239	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	111515	5.752	ug/l	99
20) Methylene Chloride	2.84	84	40574	5.853	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	36401	5.733	ug/l	89
22) Diisopropyl ether	3.84	45	120882	5.921	ug/l #	89
23) Vinyl Acetate	3.80	43	496712	28.523	ug/l	99
24) 1,1-Dichloroethane	3.69	63	64684	5.662	ug/l	98
25) 2-Butanone	4.66	43	149930	27.448	ug/l	95
26) 2,2-Dichloropropane	4.57	77	54281	5.948	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	40297	5.661	ug/l	92
28) Bromochloromethane	5.00	49	15483	4.465	ug/l	97
29) Tetrahydrofuran	5.12	42	92370	27.504	ug/l	97
30) Chloroform	5.20	83	64882	5.759	ug/l	100
31) Cyclohexane	5.57	56	60460	5.835	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	52505	5.427	ug/l	97
36) 1,1-Dichloropropene	5.79	75	49580	6.001	ug/l	99
37) Ethyl Acetate	4.82	43	55495	5.478	ug/l #	93
38) Carbon Tetrachloride	5.78	117	42181	5.255	ug/l	97

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 Data File : VX013598.D
 Acq On : 26 Nov 2019 13:55
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Nov 26 15:07:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58964	5.703	ug/l	97
40) Benzene	6.14	78	148530	5.768	ug/l	99
41) Methacrylonitrile	5.03	41	28308	4.985	ug/l #	93
42) 1,2-Dichloroethane	6.18	62	51622	5.632	ug/l	95
43) Isopropyl Acetate	6.43	43	88211	5.581	ug/l	100
44) Trichloroethene	7.21	130	39692	5.590	ug/l	93
45) 1,2-Dichloropropane	7.51	63	37546	5.732	ug/l	99
46) Dibromomethane	7.65	93	24836	5.580	ug/l	98
47) Bromodichloromethane	7.89	83	44358	5.275	ug/l	99
48) Methyl methacrylate	7.76	41	42512	5.408	ug/l	97
49) 1,4-Dioxane	7.74	88	19666	109.542	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	285335	27.683	ug/l	98
52) Toluene	8.78	92	92740	5.809	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	49932	5.410	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	55141	5.331	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	38210	5.799	ug/l	95
56) Ethyl methacrylate	9.17	69	55370	5.429	ug/l	97
57) 1,3-Dichloropropane	9.37	76	63779	5.701	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	125673	28.510	ug/l	100
59) 2-Hexanone	9.49	43	217472	27.310	ug/l	98
60) Dibromochloromethane	9.57	129	33340	4.945	ug/l	97
61) 1,2-Dibromoethane	9.67	107	38812	5.562	ug/l	100
64) Tetrachloroethene	9.33	164	36643	5.954	ug/l	92
65) Chlorobenzene	10.14	112	101577	5.837	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	35142	5.511	ug/l	98
67) Ethyl Benzene	10.25	91	168804	5.614	ug/l	97
68) m/p-Xylenes	10.35	106	129384	11.407	ug/l	100
69) o-Xylene	10.70	106	63654	5.709	ug/l	98
70) Styrene	10.71	104	101616	5.467	ug/l	97
71) Bromoform	10.85	173	25365	4.916	ug/l #	96
73) Isopropylbenzene	11.01	105	169767	6.128	ug/l	100
74) N-amyl acetate	10.89	43	74458	5.825	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	59569	5.927	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	63075	7.265	ug/l	89
77) Bromobenzene	11.25	156	44202	5.985	ug/l	98
78) n-propylbenzene	11.35	91	184282	5.984	ug/l	100
79) 2-Chlorotoluene	11.42	91	112268	6.052	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	135135	5.875	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	15461	4.702	ug/l	92
82) 4-Chlorotoluene	11.51	91	125909	5.804	ug/l	99
83) tert-Butylbenzene	11.77	119	136502	5.905	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	138793	6.021	ug/l	97
85) sec-Butylbenzene	11.94	105	152863	5.740	ug/l	100
86) p-Isopropyltoluene	12.06	119	145465	5.938	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	75545	5.755	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	76720	5.743	ug/l	96
89) n-Butylbenzene	12.39	91	115785	5.434	ug/l	98
90) Hexachloroethane	12.59	117	25377	5.806	ug/l	91
91) 1,2-Dichlorobenzene	12.39	146	76608	5.835	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	11726	4.837	ug/l	98

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Data File : VX013598.D
Acq On : 26 Nov 2019 13:55
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Nov 26 15:07:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:03:52 2019
Response via : Initial Calibration

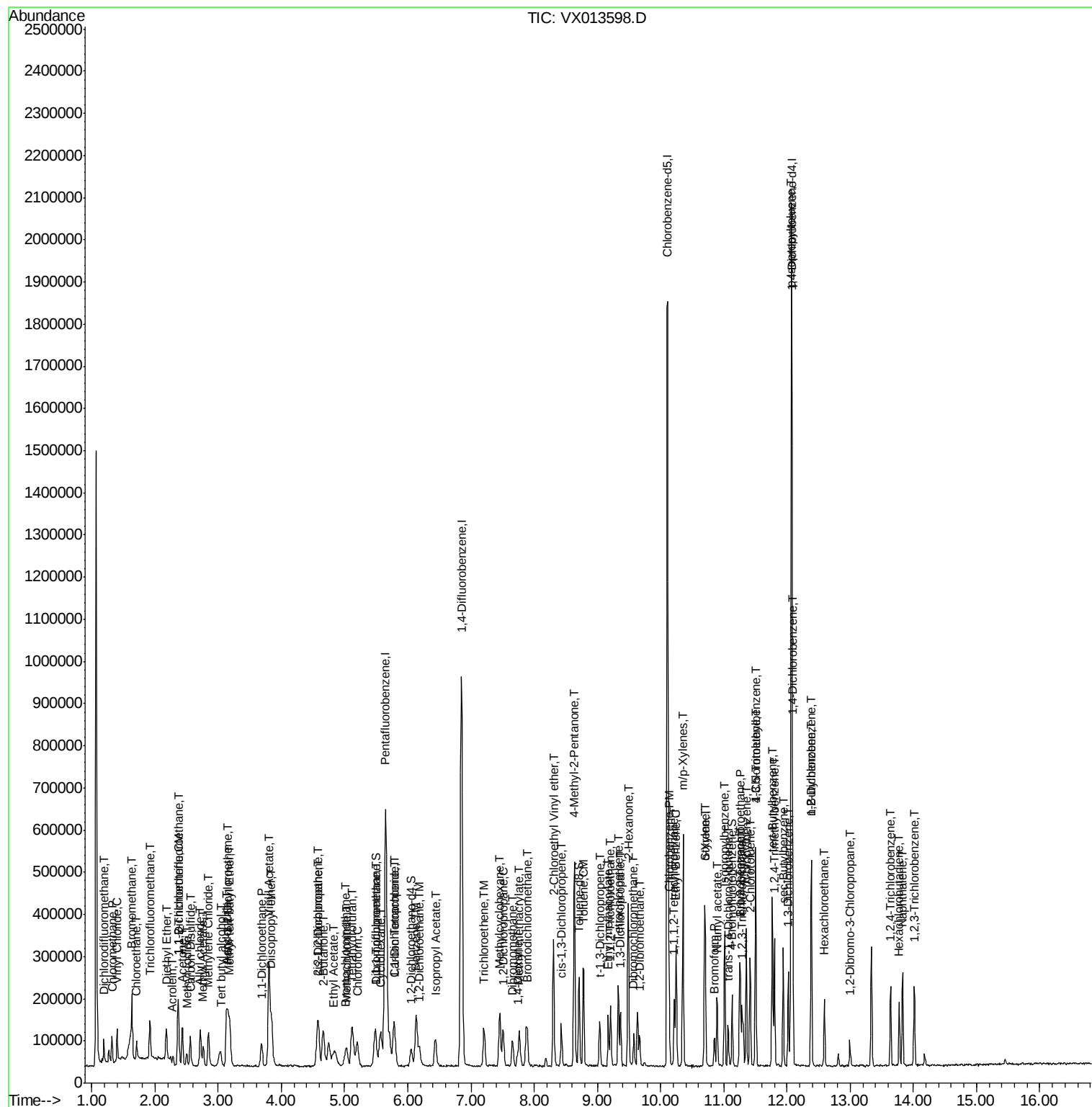
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	47508	5.200	ug/l	99
94) Hexachlorobutadiene	13.78	225	24676	5.573	ug/l	97
95) Naphthalene	13.83	128	141144	4.983	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	48540	5.325	ug/l	99

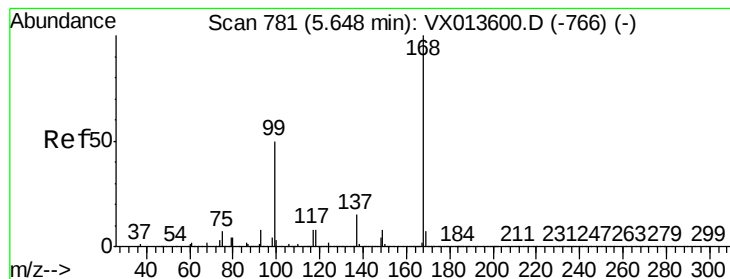
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX112619\
Data File : VX013598.D
Acq On : 26 Nov 2019 13:55
Operator : JC/SP
Sample : VSTDIC005
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Quant Time: Nov 26 15:07:00 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:03:52 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

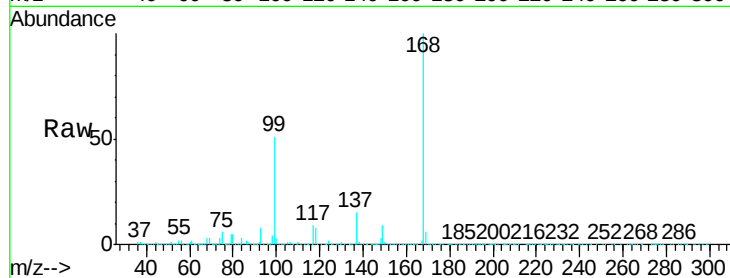
VSTDIC005

Tgt Ion:168 Resp: 637269

Ion Ratio Lower Upper

168 100

99 50.9 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

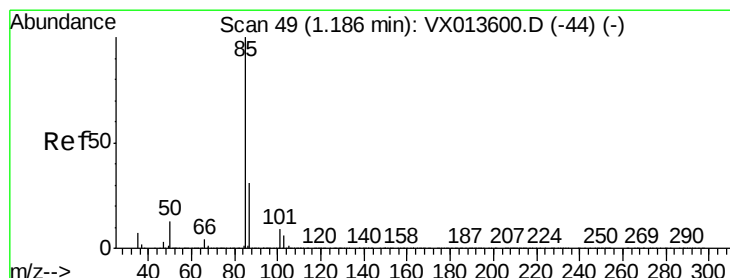
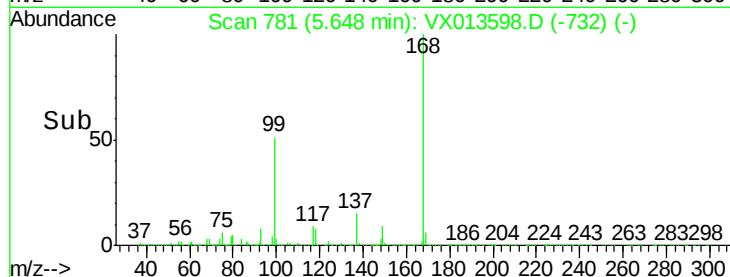
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 5.122 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013598.D

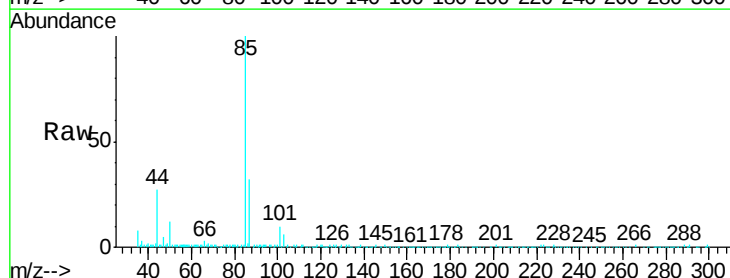
Acq: 26 Nov 2019 13:55

Tgt Ion: 85 Resp: 37199

Ion Ratio Lower Upper

85 100

87 31.3 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

30000

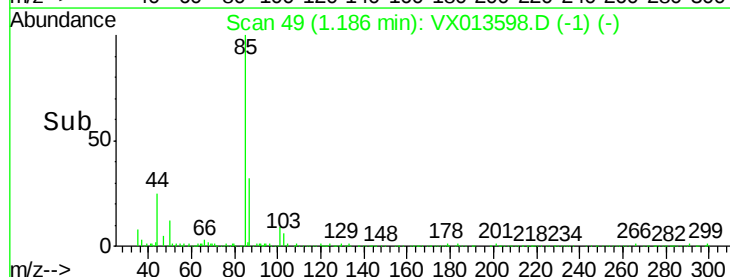
20000

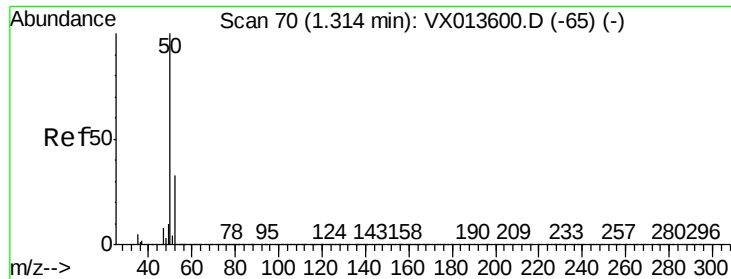
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0

Time-->

1.15 1.20 1.25

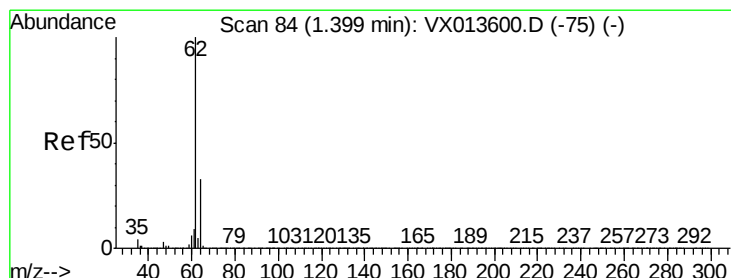
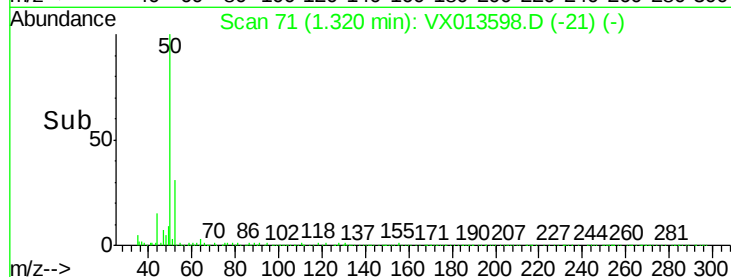
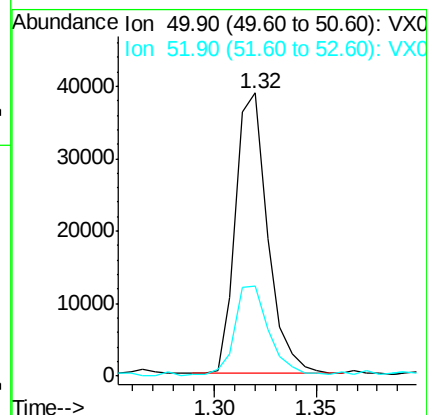
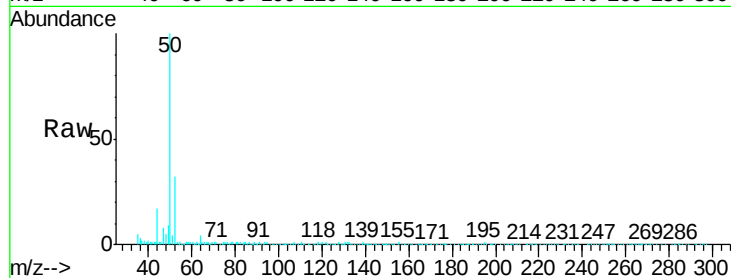




#3
Chloromethane
Concen: 5.312 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

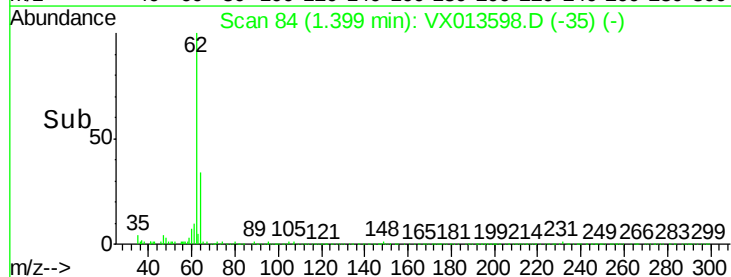
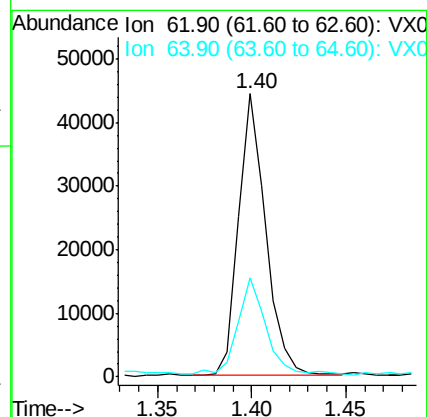
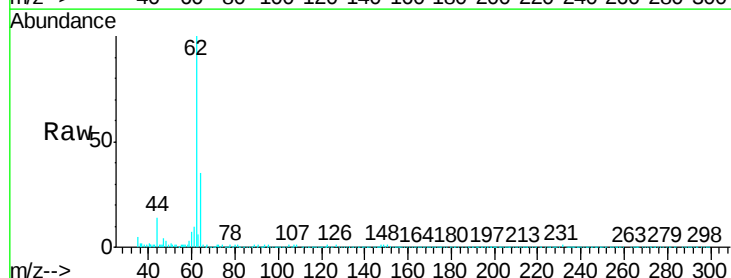
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

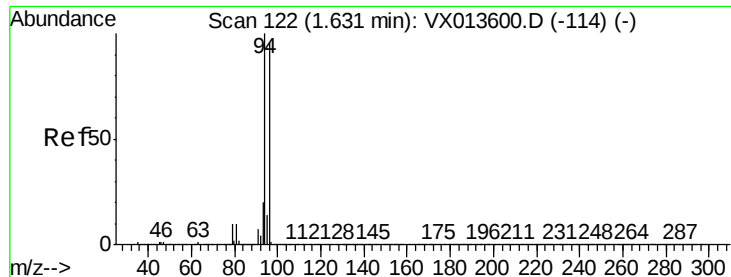
Tgt Ion: 50 Resp: 41997
Ion Ratio Lower Upper
50 100
52 31.6 26.0 39.0



#4
Vinyl Chloride
Concen: 4.968 ug/l
RT: 1.40 min Scan# 84
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 62 Resp: 44629
Ion Ratio Lower Upper
62 100
64 34.2 26.0 39.0





#5

Bromomethane

Concen: 5.787 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

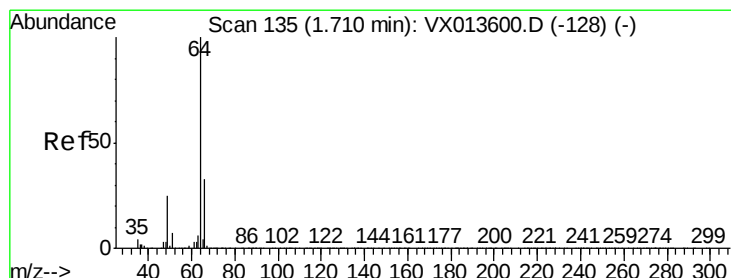
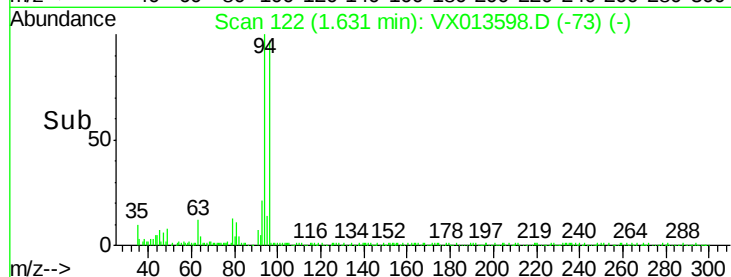
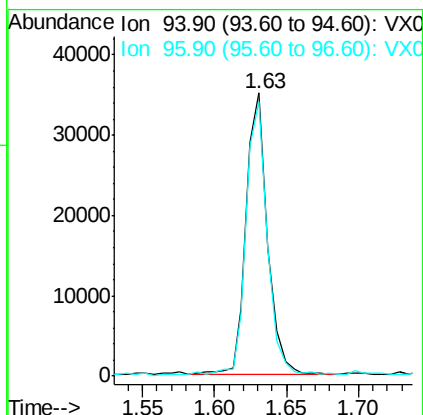
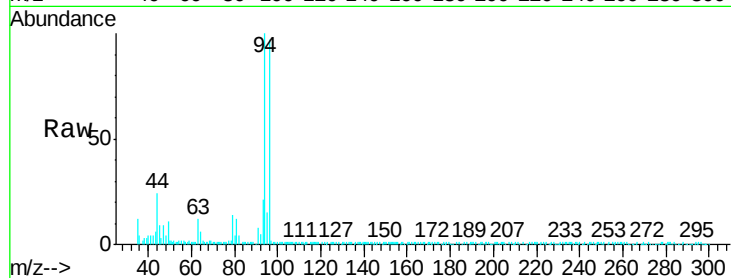
VSTDIC005

Tgt Ion: 94 Resp: 35658

Ion Ratio Lower Upper

94 100

96 96.6 77.0 115.4



#6

Chloroethane

Concen: 5.029 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.00 min

Lab File: VX013598.D

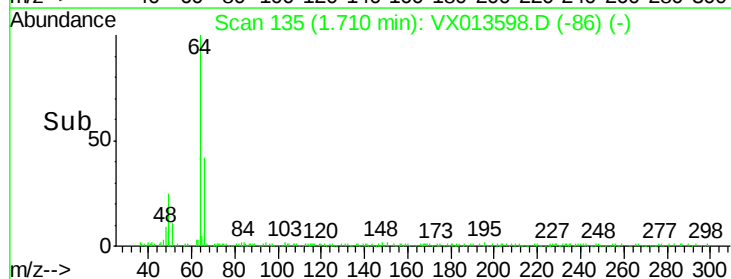
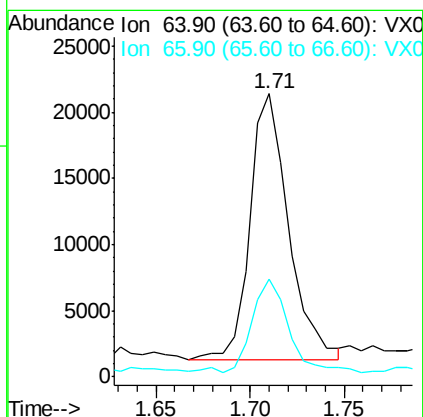
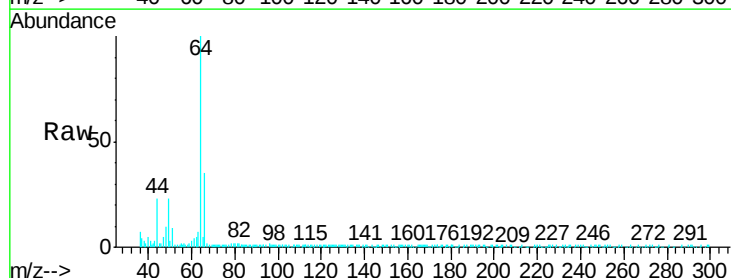
Acq: 26 Nov 2019 13:55

Tgt Ion: 64 Resp: 28728

Ion Ratio Lower Upper

64 100

66 34.6 26.7 40.1



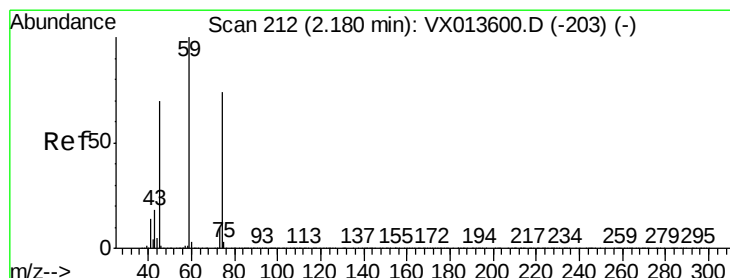
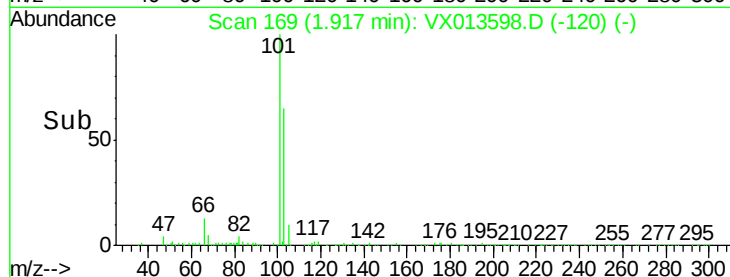
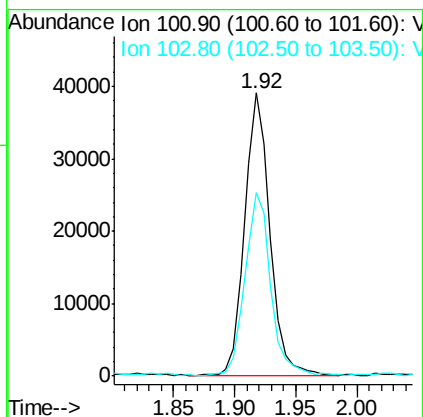
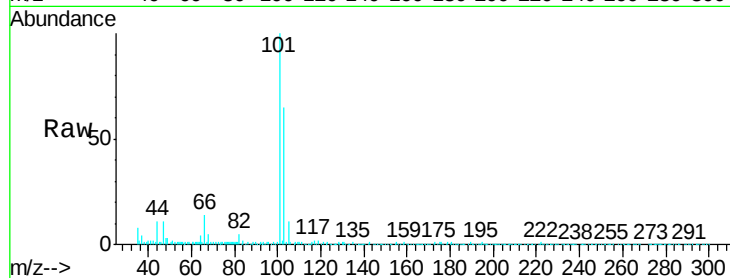


#7

Trichlorofluoromethane
Concen: 5.357 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

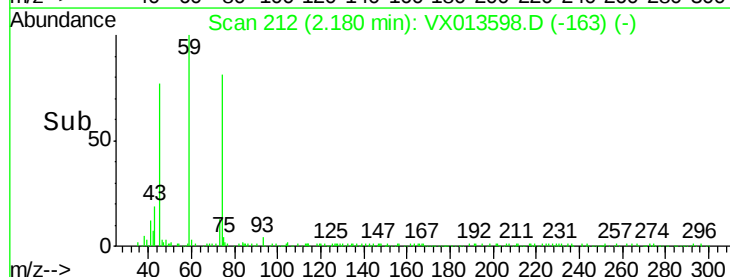
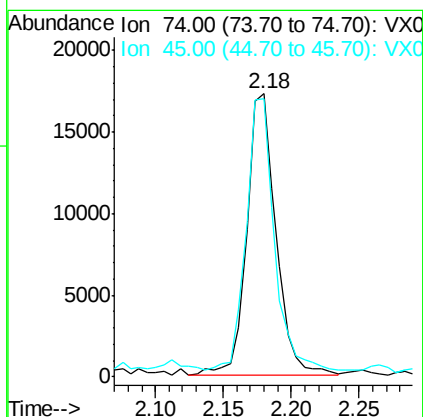
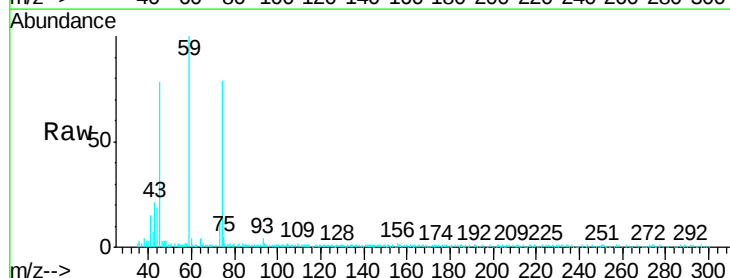
Tgt Ion:101 Resp: 56339
Ion Ratio Lower Upper
101 100
103 64.6 51.8 77.6

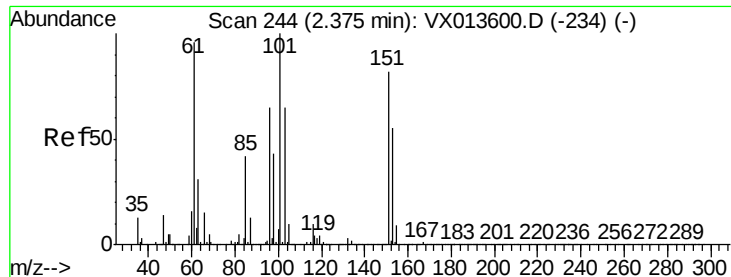


#8

Diethyl Ether
Concen: 5.536 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 74 Resp: 25833
Ion Ratio Lower Upper
74 100
45 94.0 48.9 146.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.566 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

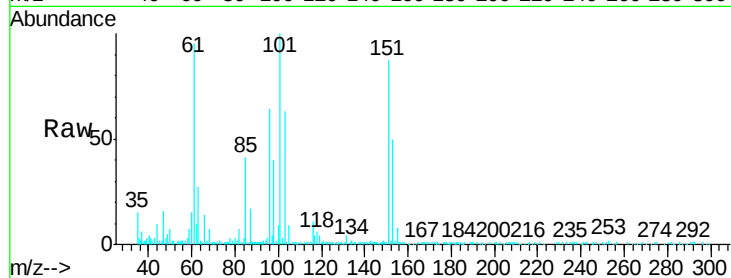
Tgt Ion:101 Resp: 33095

Ion Ratio Lower Upper

101 100

85 44.1 33.9 50.9

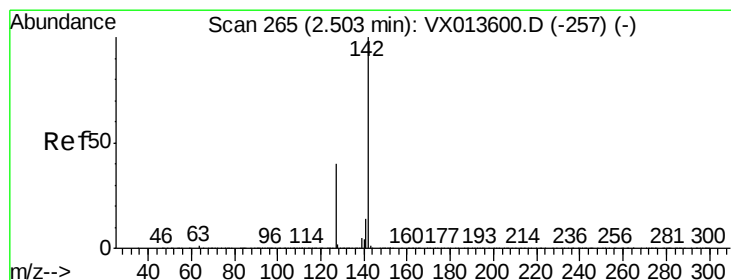
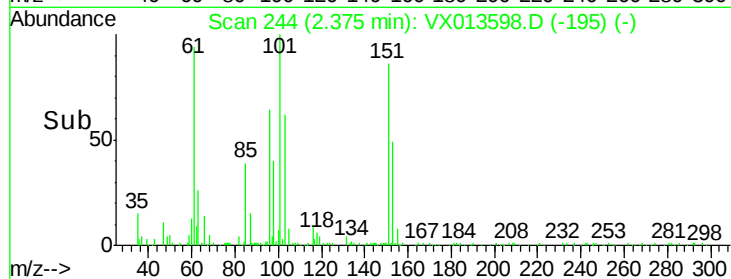
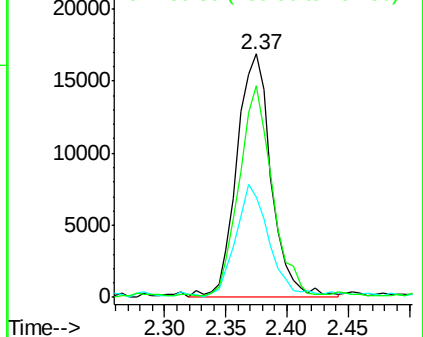
151 83.1 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 4.184 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

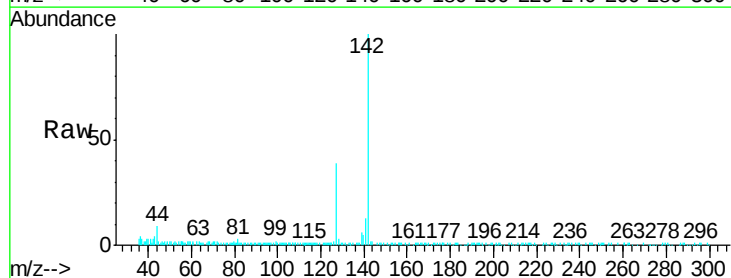
Tgt Ion:142 Resp: 30887

Ion Ratio Lower Upper

142 100

127 39.1 31.0 46.4

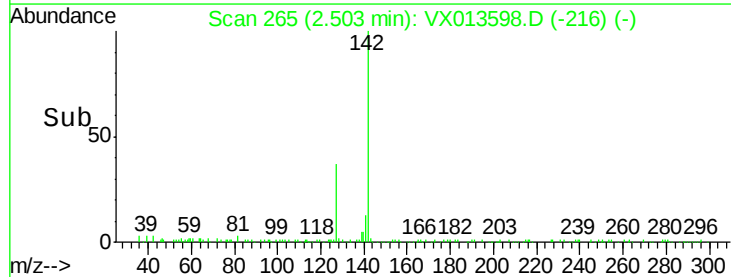
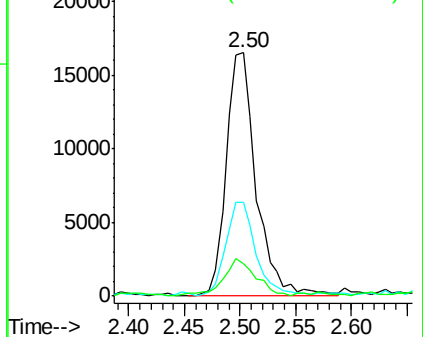
141 16.9 11.6 17.4

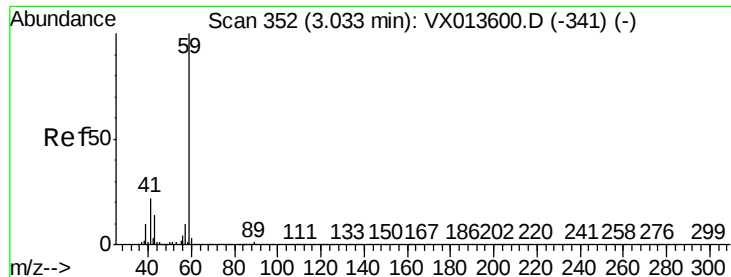


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



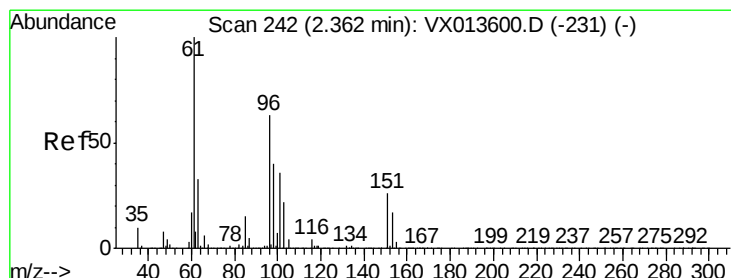
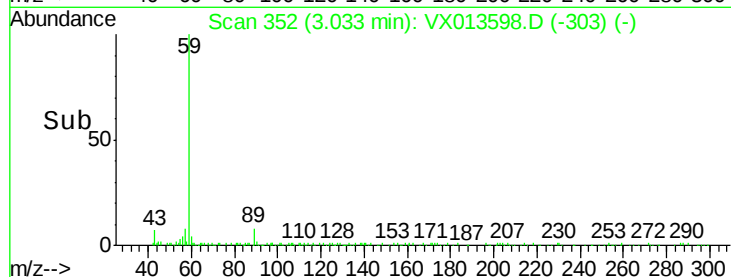
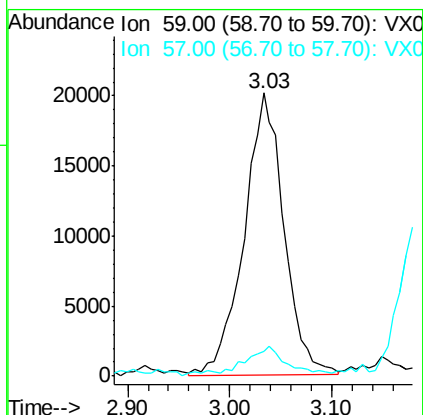
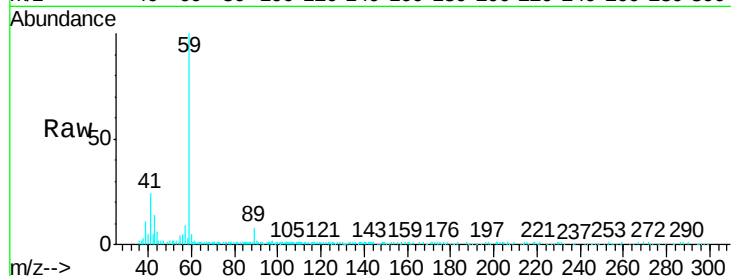


#11

Tert butyl alcohol
Concen: 27.916 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

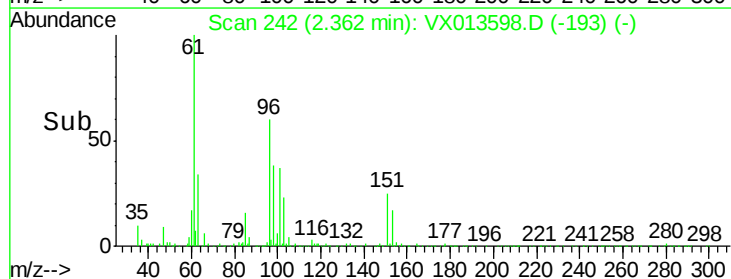
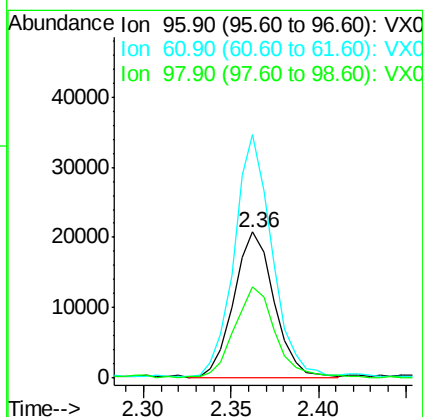
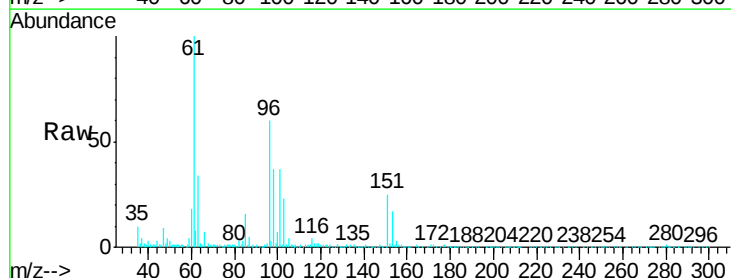
Tgt Ion: 59 Resp: 54582
Ion Ratio Lower Upper
59 100
57 12.1 7.8 11.6#

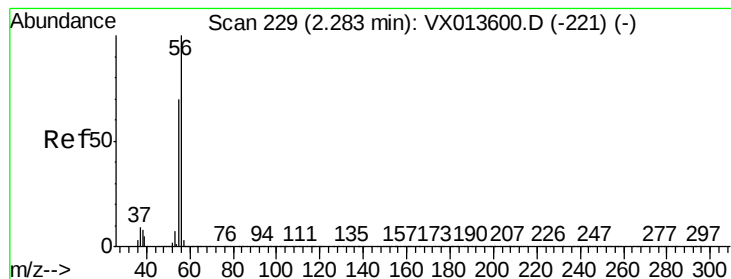


#12

1,1-Dichloroethene
Concen: 5.653 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 96 Resp: 32973
Ion Ratio Lower Upper
96 100
61 166.7 126.6 190.0
98 61.8 50.6 76.0





#13

Acrolein

Concen: 14.599 ug/l

RT: 2.28 min Scan# 228

Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

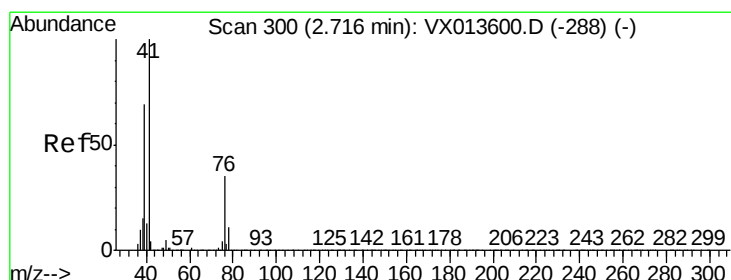
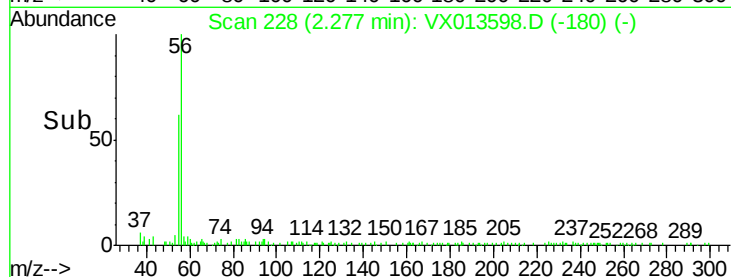
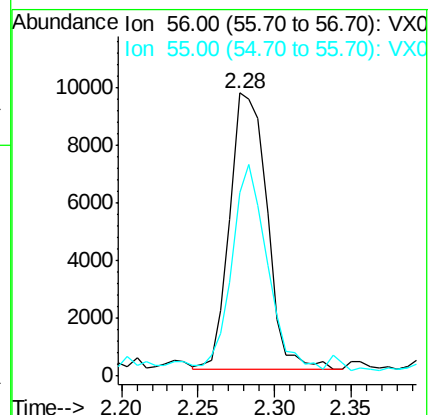
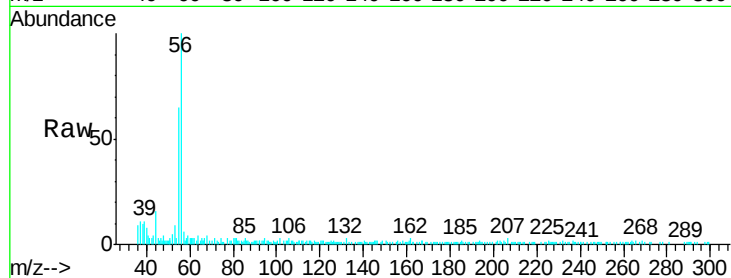
VSTDIC005

Tgt Ion: 56 Resp: 16021

Ion Ratio Lower Upper

56 100

55 71.5 56.2 84.4



#14

Allyl chloride

Concen: 5.558 ug/l

RT: 2.72 min Scan# 300

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

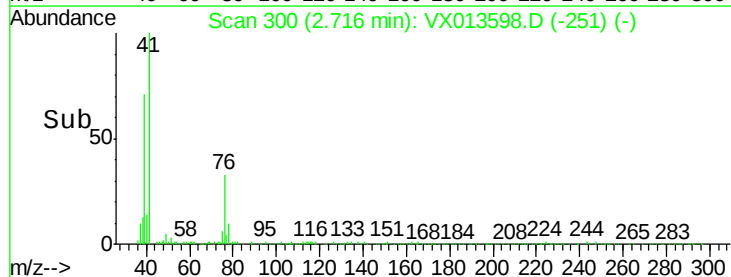
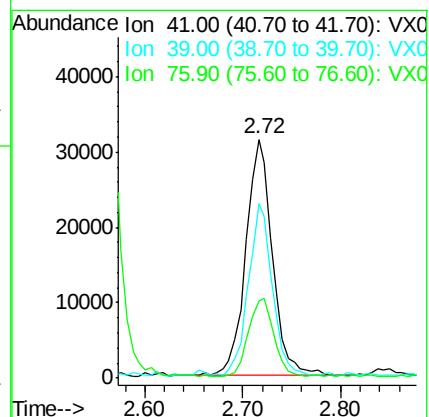
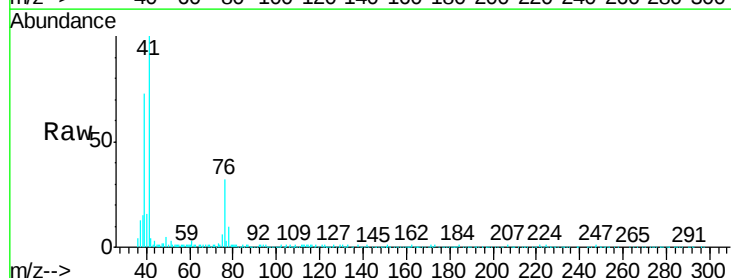
Tgt Ion: 41 Resp: 59075

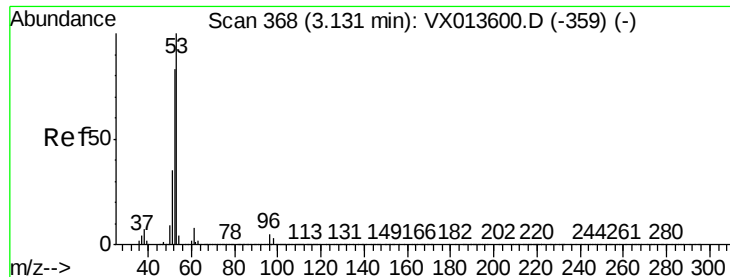
Ion Ratio Lower Upper

41 100

39 66.0 51.7 77.5

76 31.6 25.9 38.9





#15

Acrylonitrile

Concen: 28.581 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

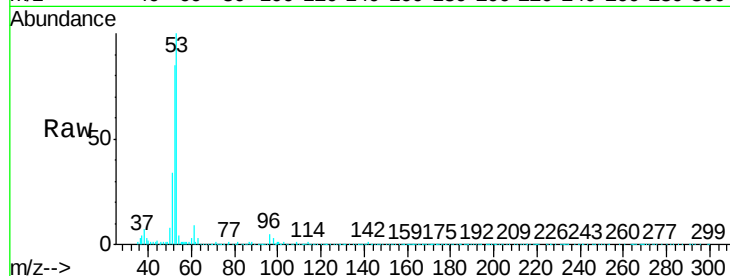
Tgt Ion: 53 Resp: 105246

Ion Ratio Lower Upper

53 100

52 81.7 66.2 99.2

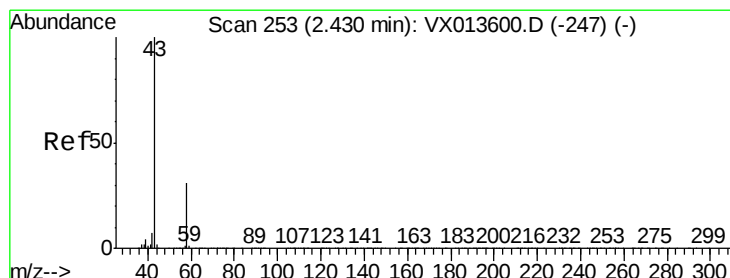
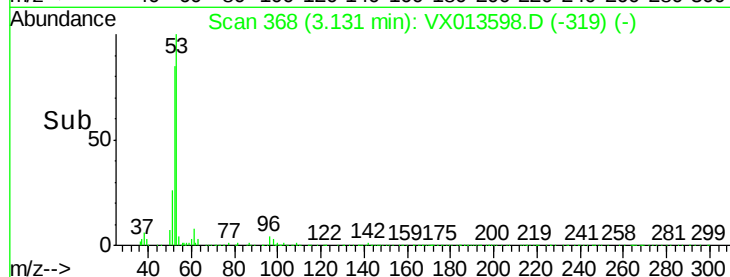
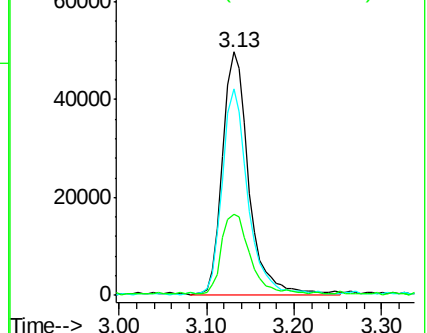
51 35.0 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 26.751 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX013598.D

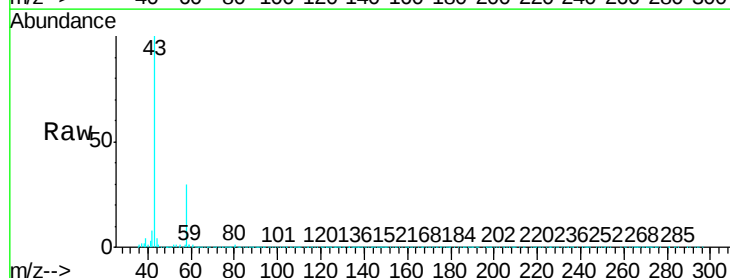
Acq: 26 Nov 2019 13:55

Tgt Ion: 43 Resp: 99434

Ion Ratio Lower Upper

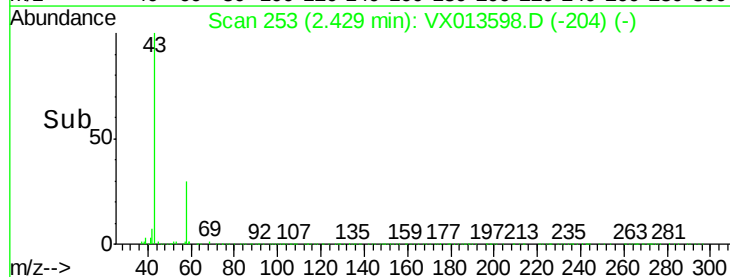
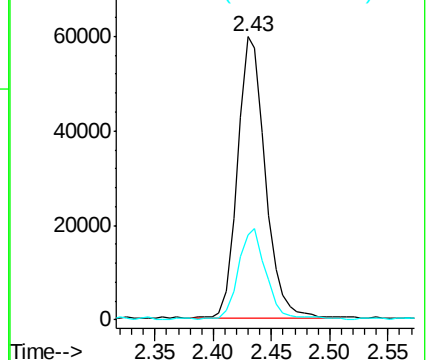
43 100

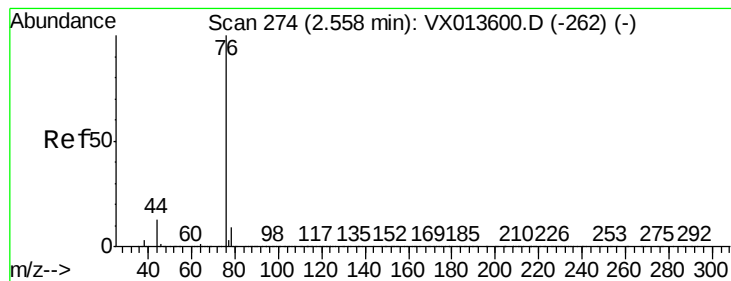
58 29.9 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 5.600 ug/l

RT: 2.56 min Scan# 274

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

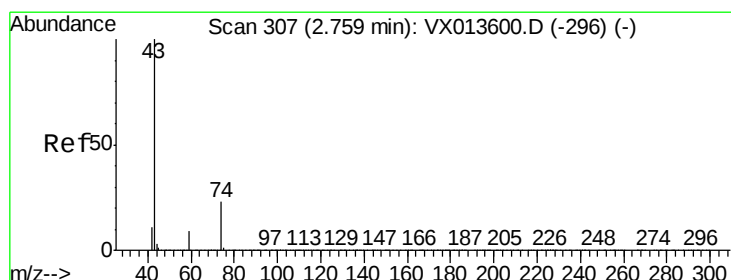
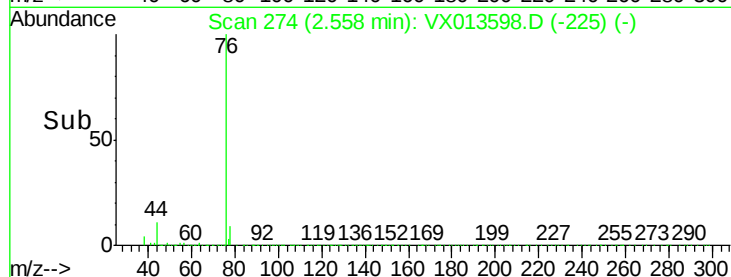
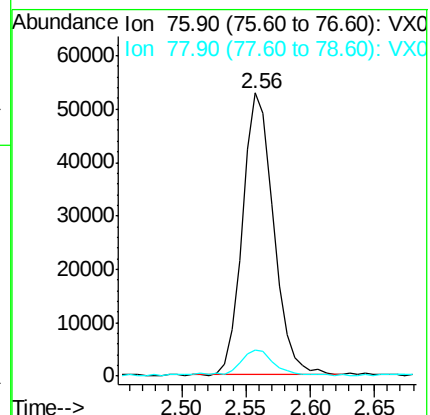
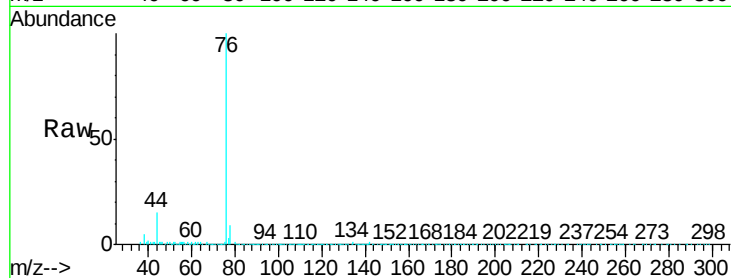
VSTDIC005

Tgt Ion: 76 Resp: 87993

Ion Ratio Lower Upper

76 100

78 8.7 7.2 10.8



#18

Methyl Acetate

Concen: 5.239 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.01 min

Lab File: VX013598.D

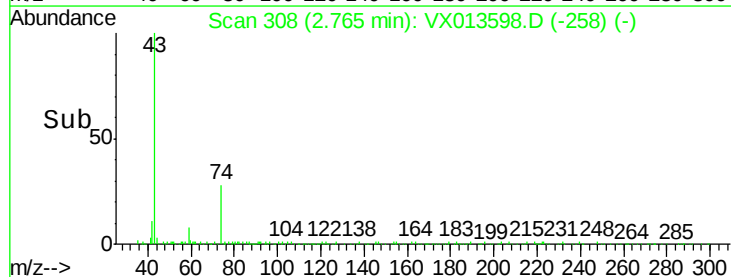
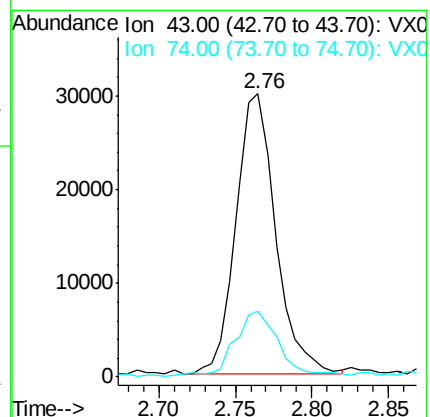
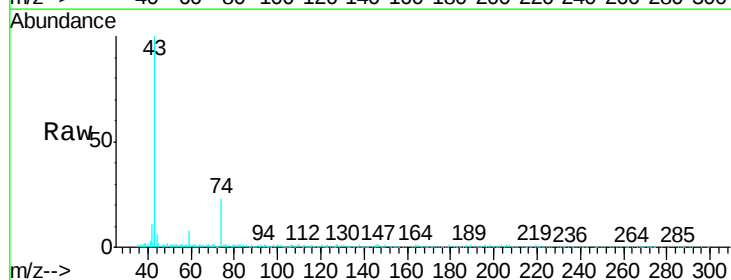
Acq: 26 Nov 2019 13:55

Tgt Ion: 43 Resp: 53998

Ion Ratio Lower Upper

43 100

74 25.1 19.5 29.3



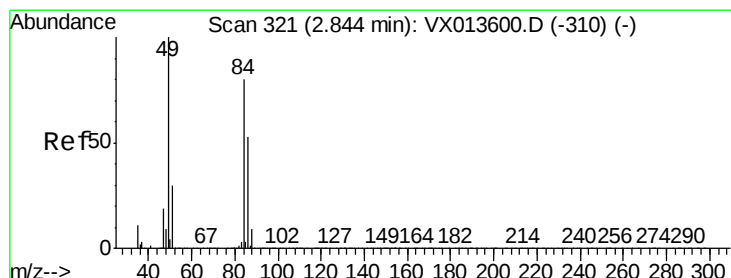
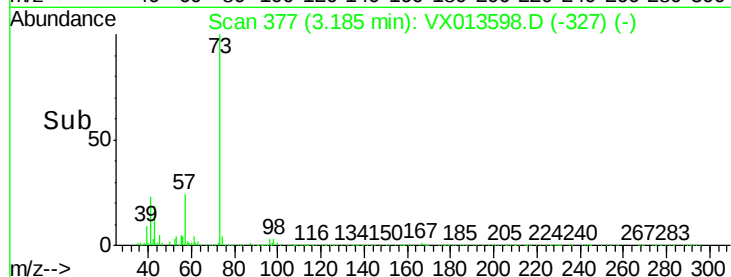
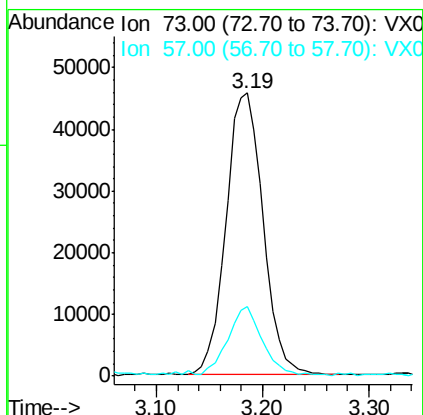
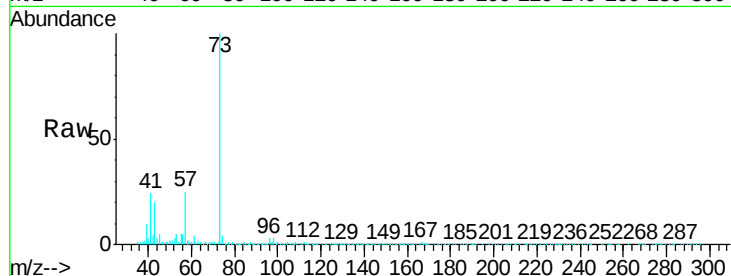


#19

Methyl tert-butyl Ether
Concen: 5.752 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

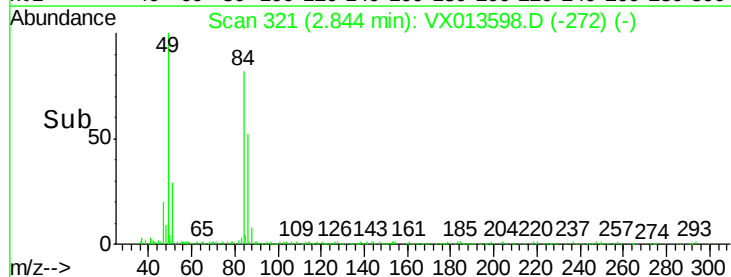
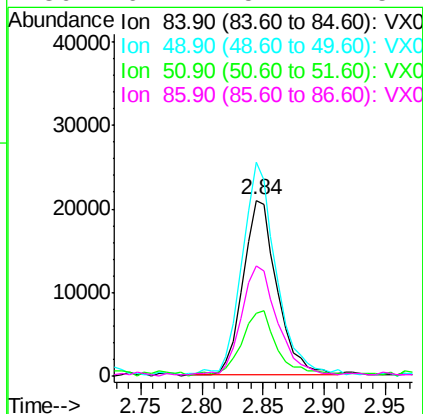
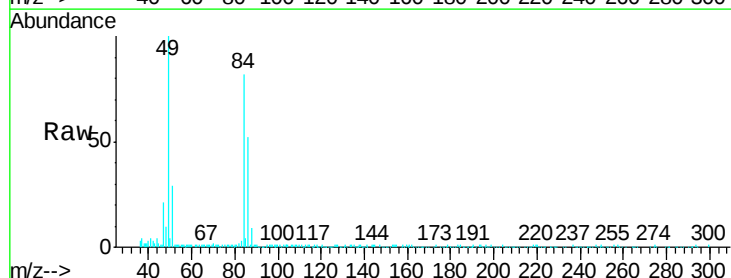
Tgt Ion: 73 Resp: 111515
Ion Ratio Lower Upper
73 100
57 23.5 18.3 27.5

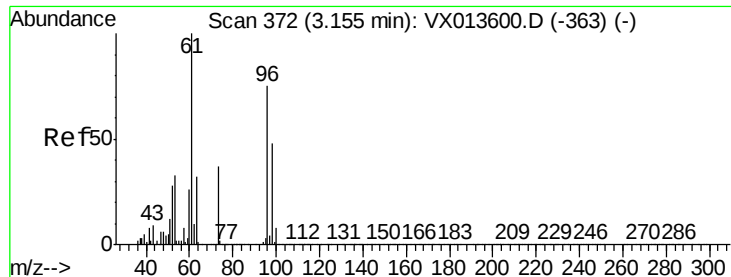


#20

Methylene Chloride
Concen: 5.853 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 84 Resp: 40574
Ion Ratio Lower Upper
84 100
49 119.5 99.7 149.5
51 35.6 29.9 44.9
86 62.2 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 5.733 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

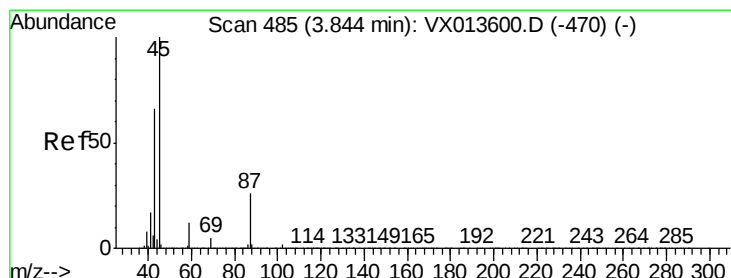
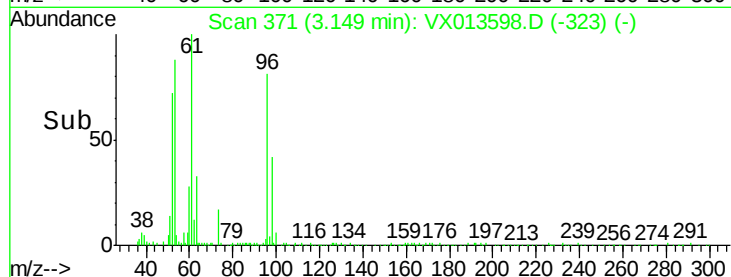
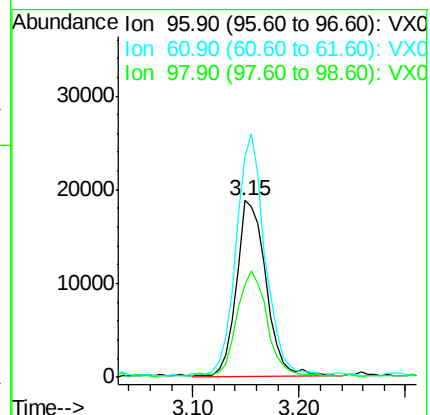
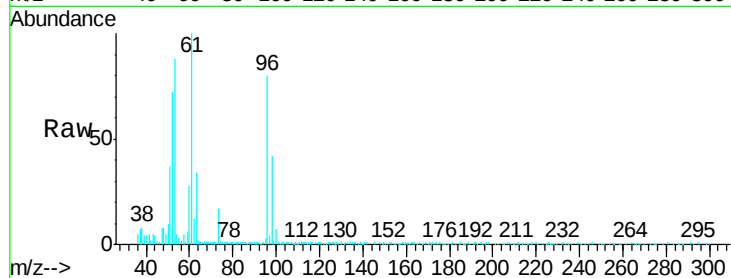
Tgt Ion: 96 Resp: 36401

Ion Ratio Lower Upper

96 100

61 123.9 107.2 160.8

98 52.4 51.4 77.0



#22

Diisopropyl ether

Concen: 5.921 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion: 45 Resp: 120882

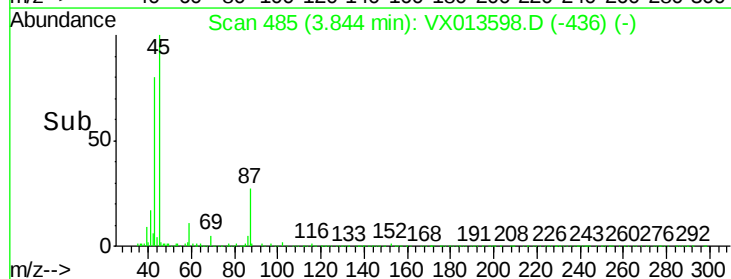
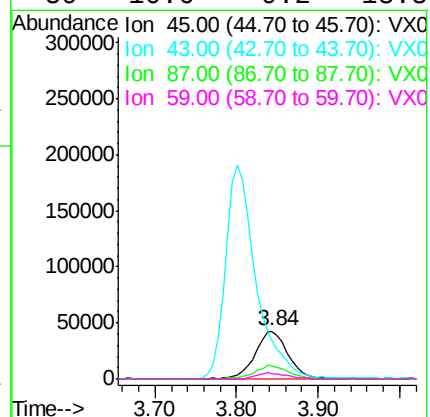
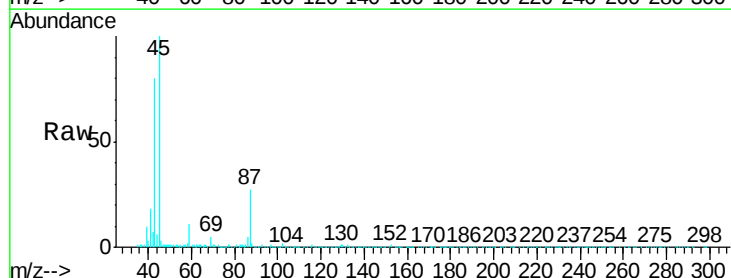
Ion Ratio Lower Upper

45 100

43 79.1 52.6 79.0#

87 26.8 21.1 31.7

59 10.6 9.2 13.8





#23

Vinyl Acetate

Concen: 28.523 ug/l

RT: 3.80 min Scan# 478

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

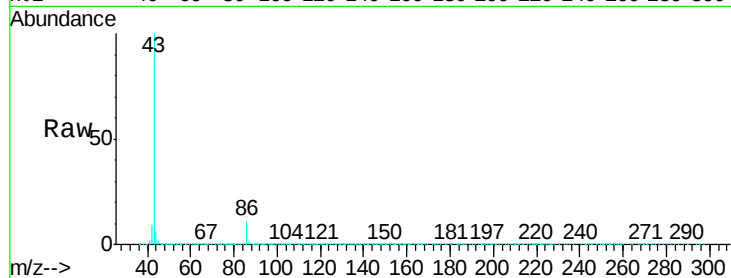
VSTDIC005

Tgt Ion: 43 Resp: 496712

Ion Ratio Lower Upper

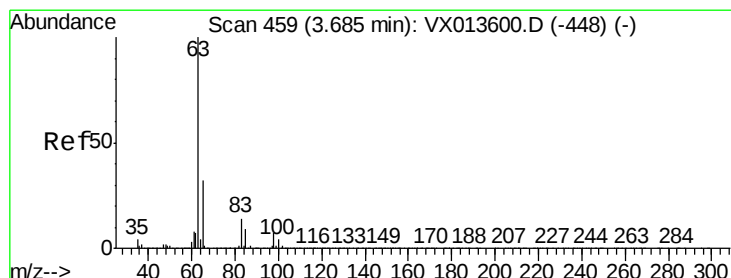
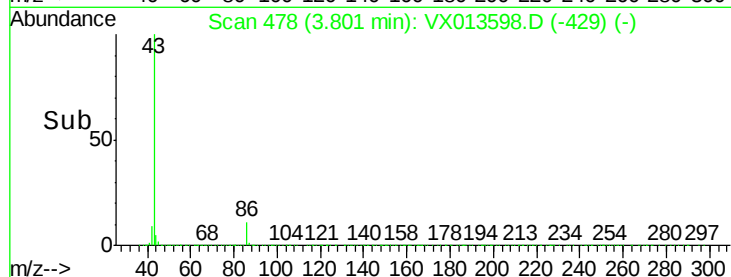
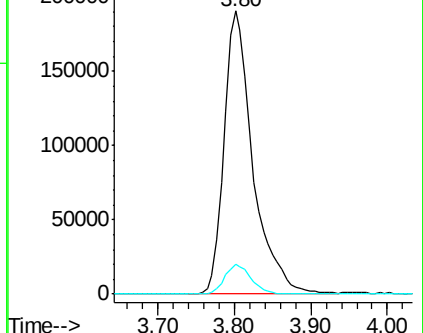
43 100

86 10.5 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 5.662 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

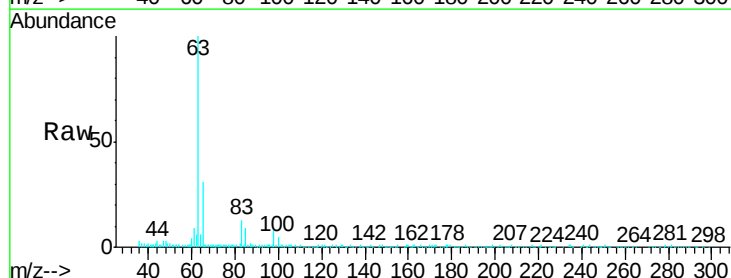
Tgt Ion: 63 Resp: 64684

Ion Ratio Lower Upper

63 100

98 7.8 3.5 10.4

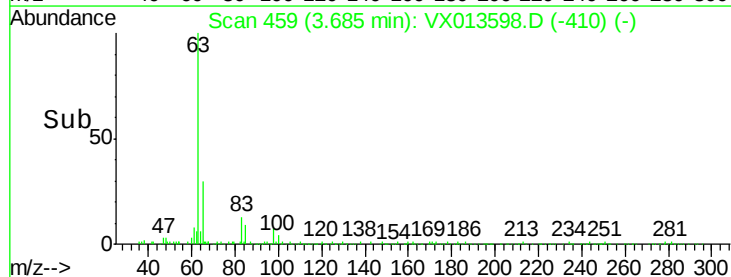
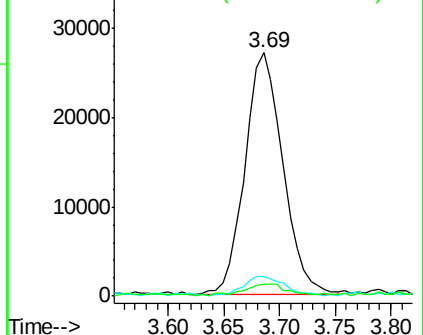
100 4.2 2.1 6.3

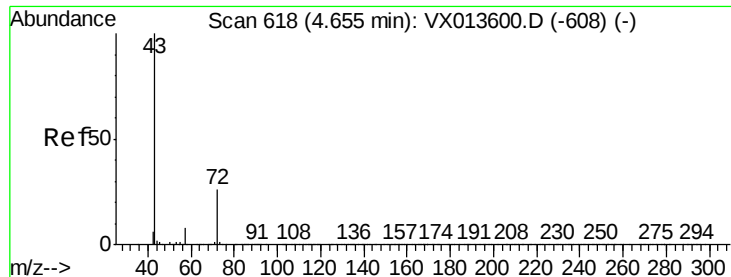


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 27.448 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

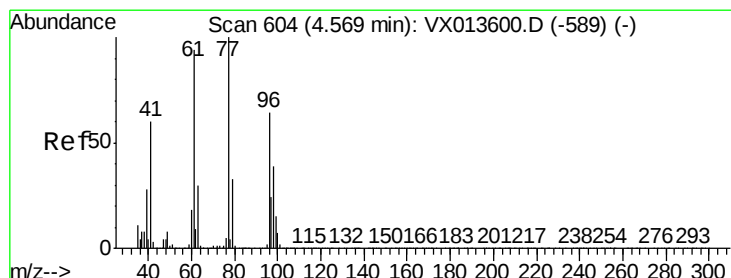
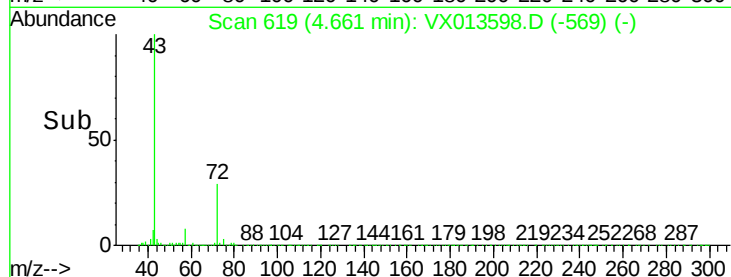
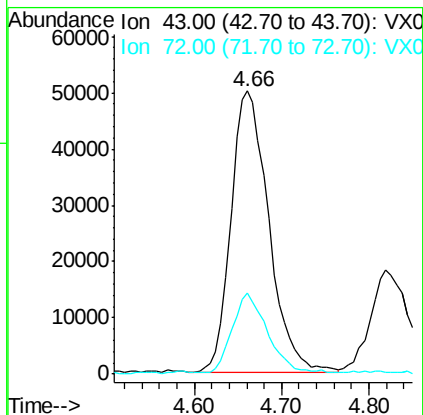
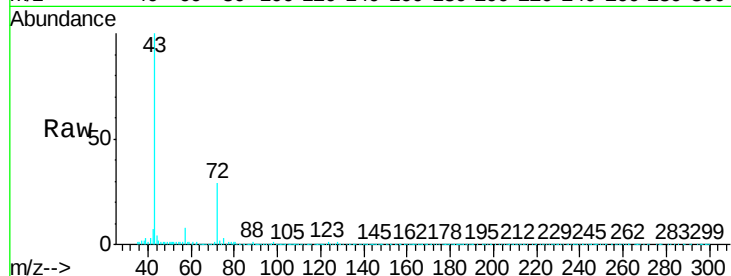
VSTDIC005

Tgt Ion: 43 Resp: 149930

Ion Ratio Lower Upper

43 100

72 28.3 20.6 31.0



#26

2,2-Dichloropropane

Concen: 5.948 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.00 min

Lab File: VX013598.D

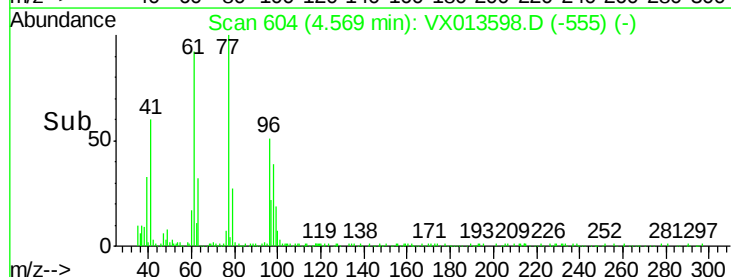
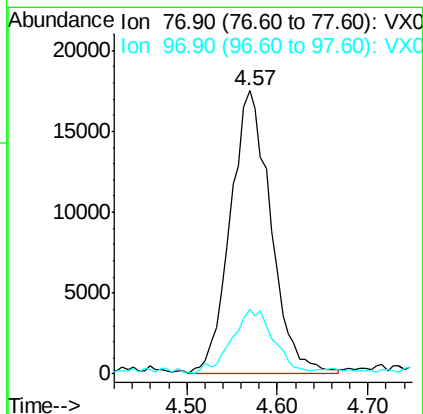
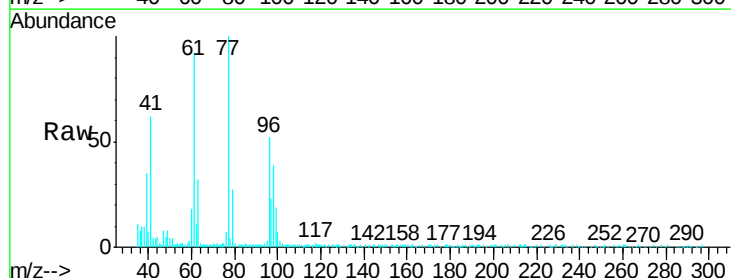
Acq: 26 Nov 2019 13:55

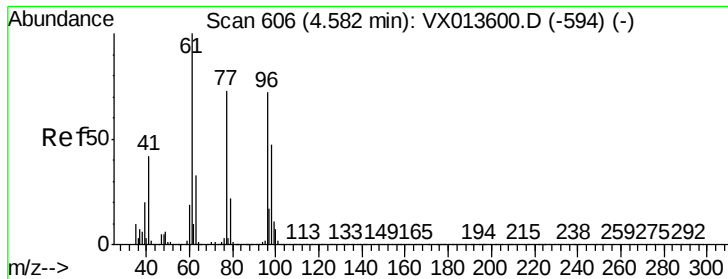
Tgt Ion: 77 Resp: 54281

Ion Ratio Lower Upper

77 100

97 23.8 12.0 36.1



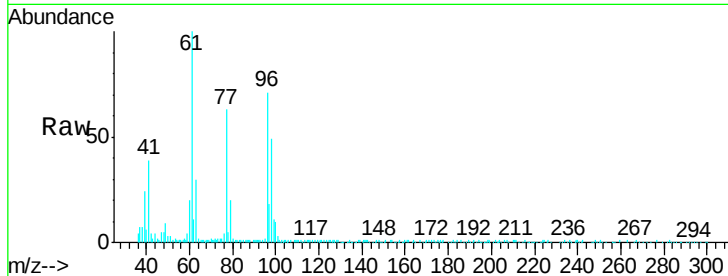


#27

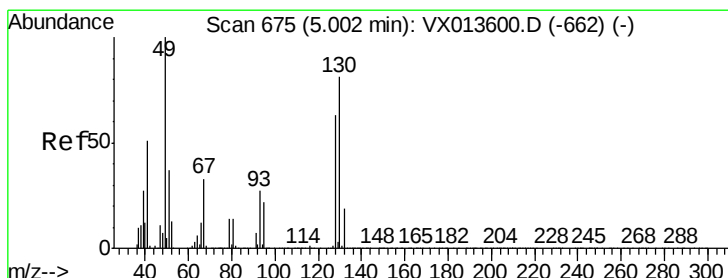
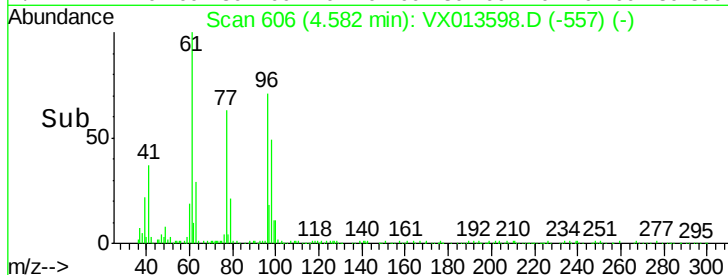
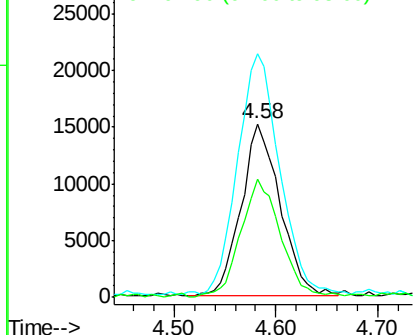
cis-1,2-Dichloroethene
Concen: 5.661 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.0	0.0	286.4
98	70.7	0.0	127.4



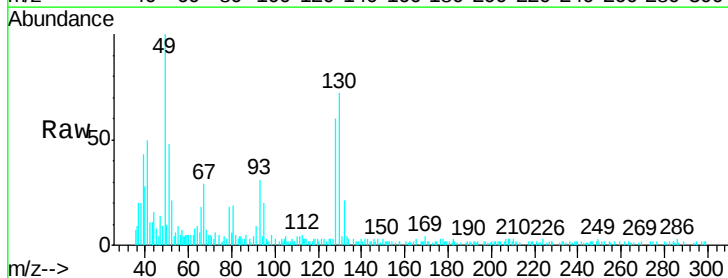
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



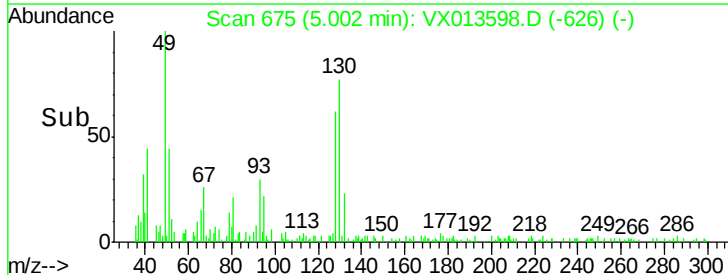
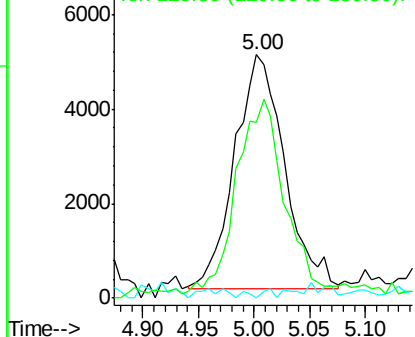
#28

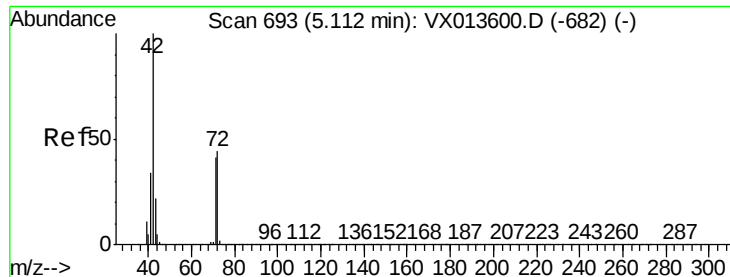
Bromochloromethane
Concen: 4.465 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	5.0
130	79.2	65.4	98.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V

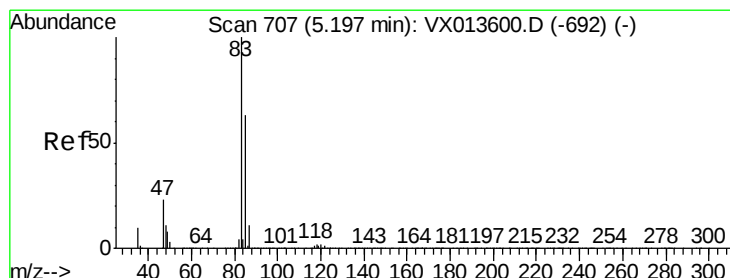
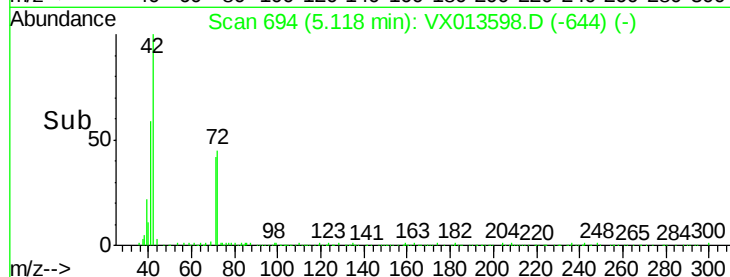
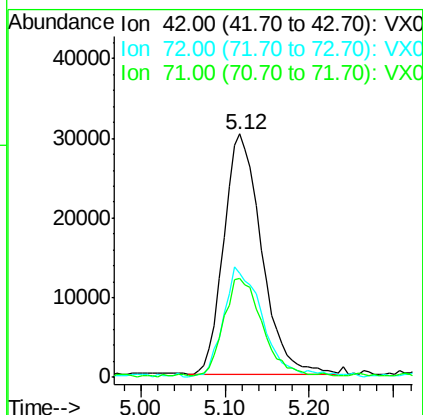
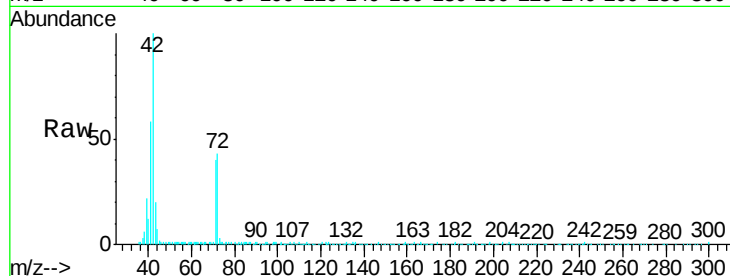




#29
Tetrahydrofuran
Concen: 27.504 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

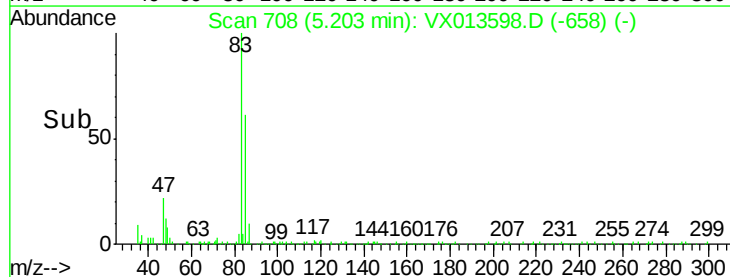
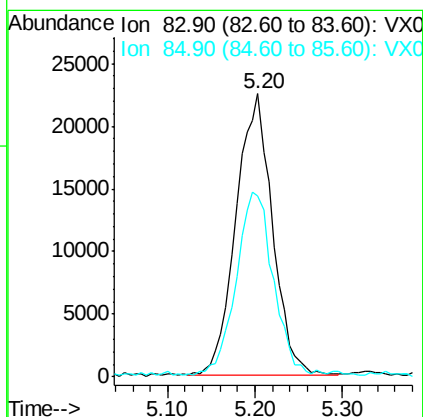
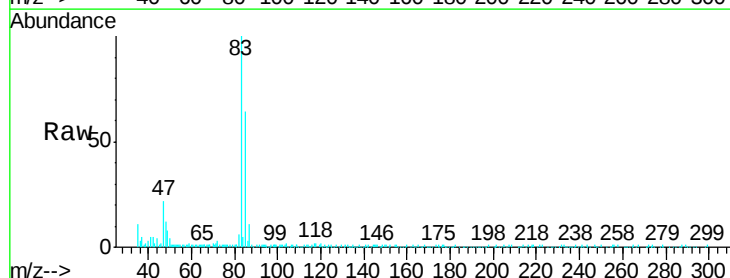
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

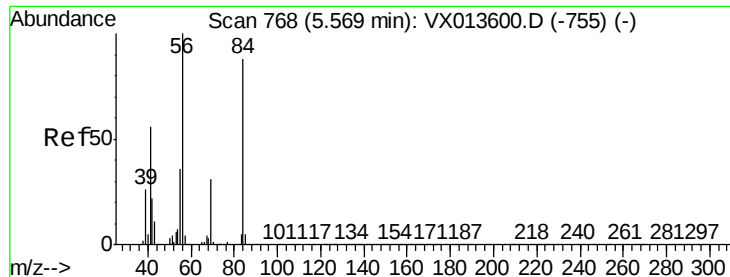
Tgt Ion: 42 Resp: 92370
Ion Ratio Lower Upper
42 100
72 48.2 36.3 54.5
71 41.0 33.2 49.8



#30
Chloroform
Concen: 5.759 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 83 Resp: 64882
Ion Ratio Lower Upper
83 100
85 63.0 50.2 75.4

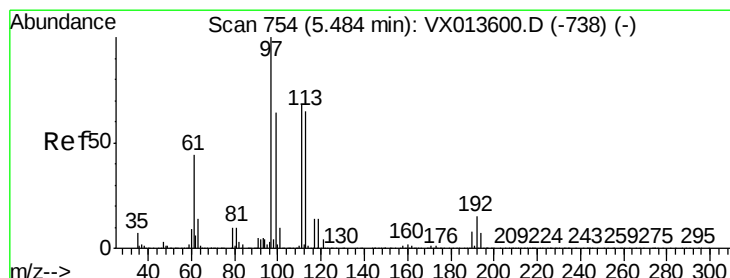
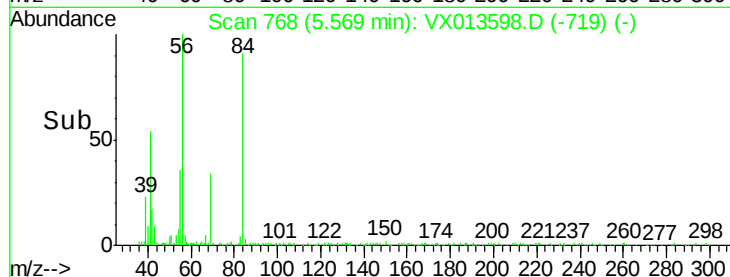
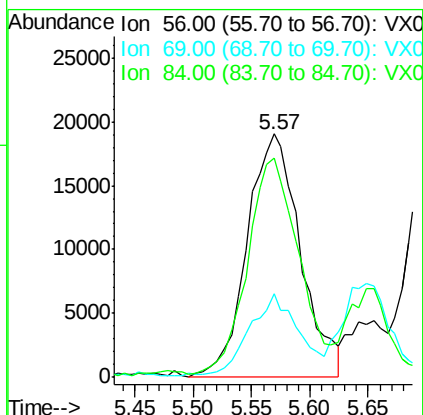
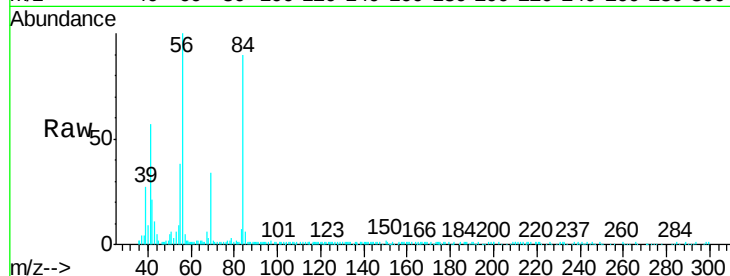




#31
Cyclohexane
Concen: 5.835 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

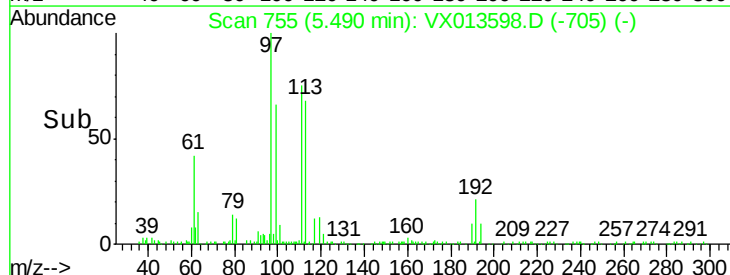
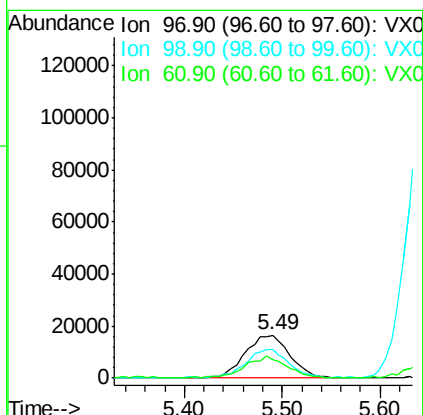
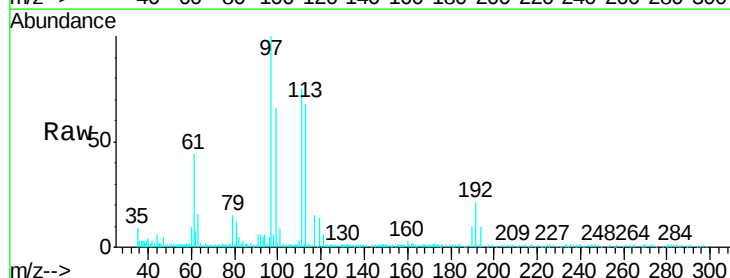
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

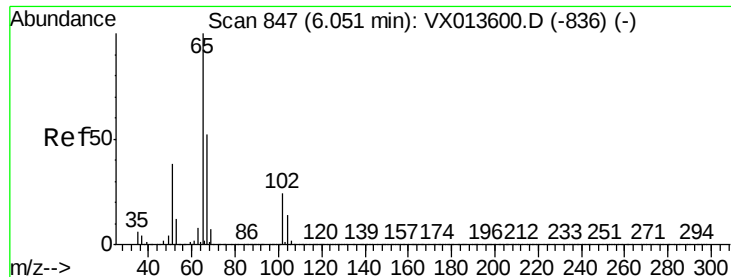
Tgt Ion: 56 Resp: 60460
Ion Ratio Lower Upper
56 100
69 32.9 24.6 36.8
84 89.0 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 5.427 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 97 Resp: 52505
Ion Ratio Lower Upper
97 100
99 61.7 51.6 77.4
61 47.2 36.1 54.1





#33

1,2-Dichloroethane-d4

Concen: 5.648 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

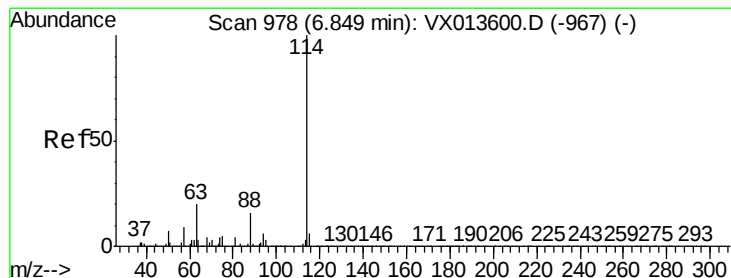
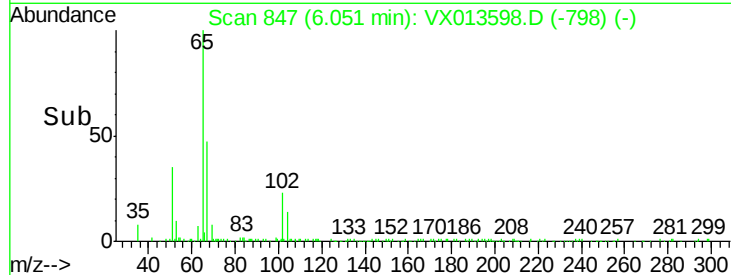
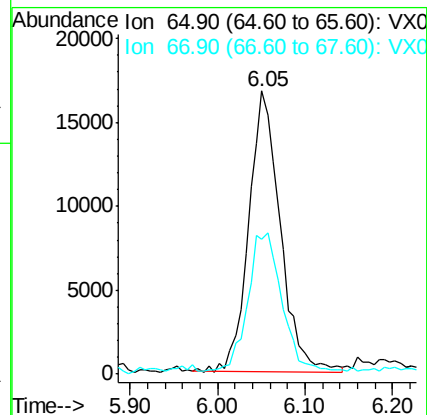
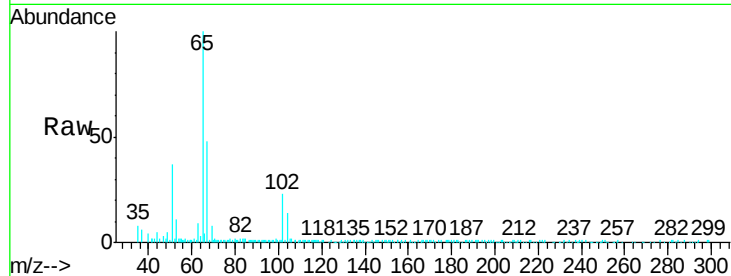
VSTDIC005

Tgt Ion: 65 Resp: 42121

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

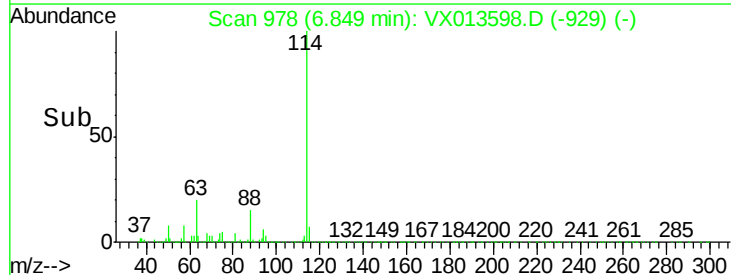
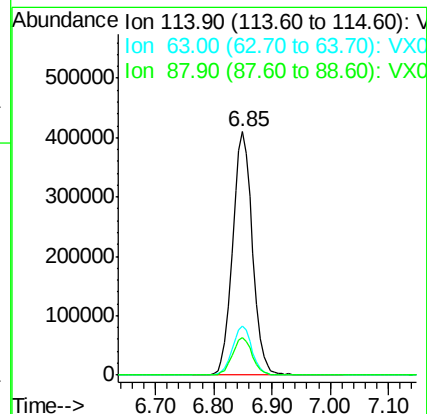
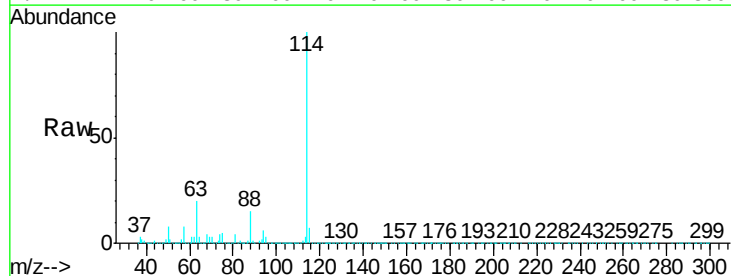
Tgt Ion: 114 Resp: 966671

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.6

88 15.4 0.0 31.4





#35

Dibromofluoromethane

Concen: 5.282 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

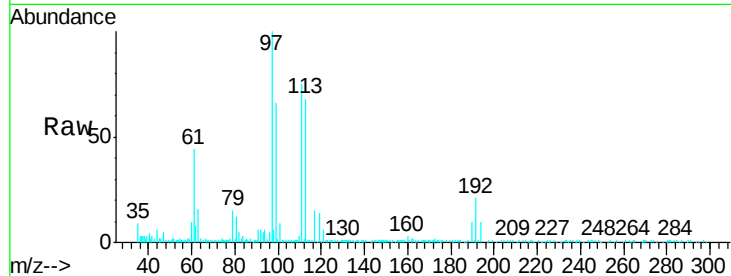
Tgt Ion: 113 Resp: 31624

Ion Ratio Lower Upper

113 100

111 107.8 83.6 125.4

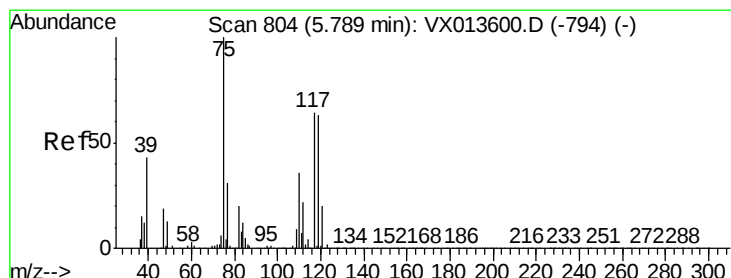
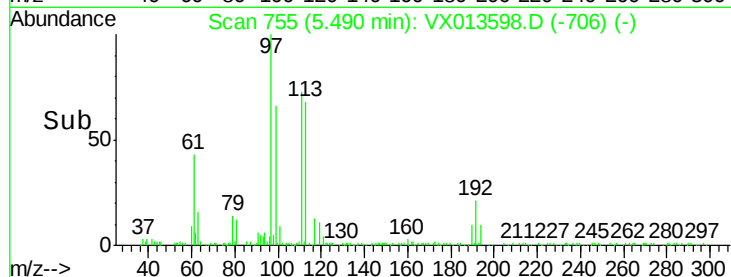
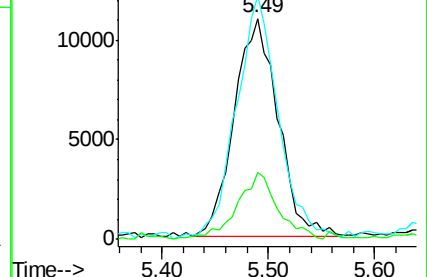
192 28.3 19.2 28.8



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 6.001 ug/l

RT: 5.79 min Scan# 804

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

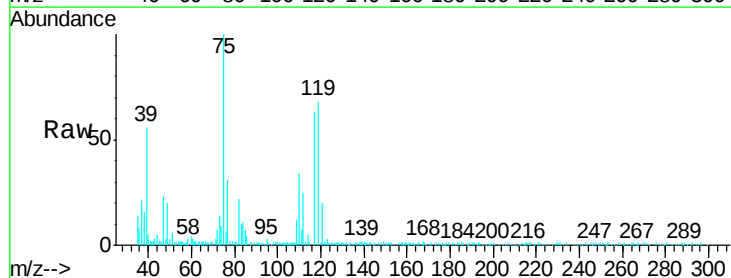
Tgt Ion: 75 Resp: 49580

Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.1

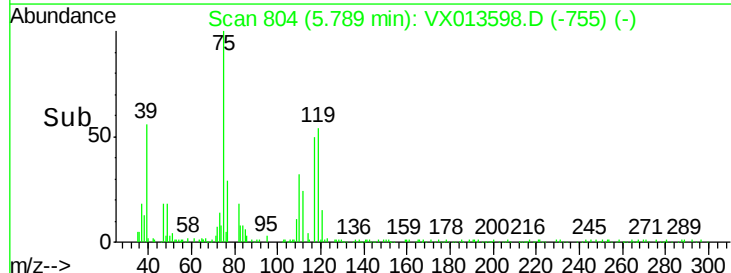
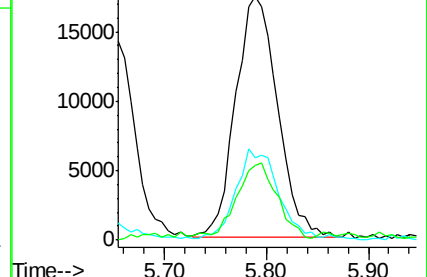
77 30.1 24.5 36.7

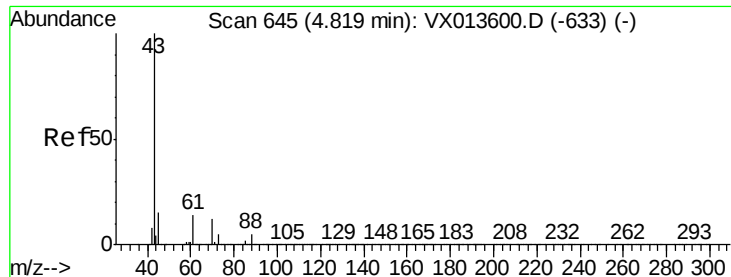


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

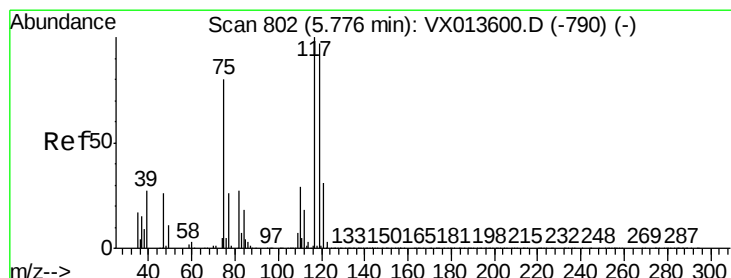
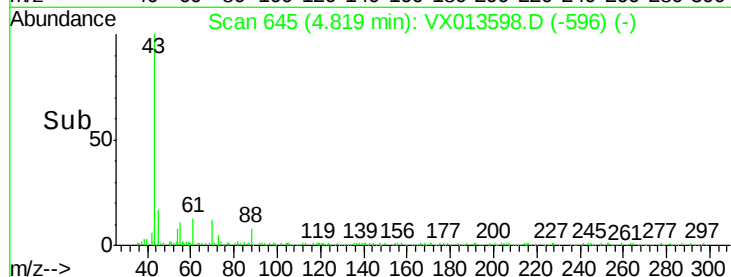
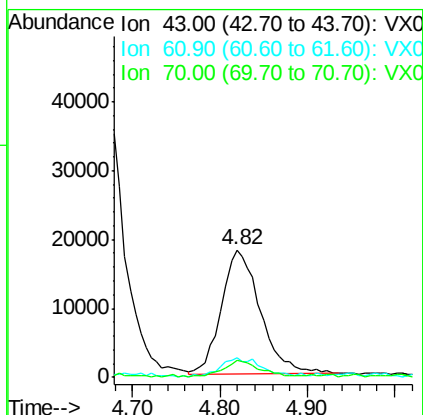
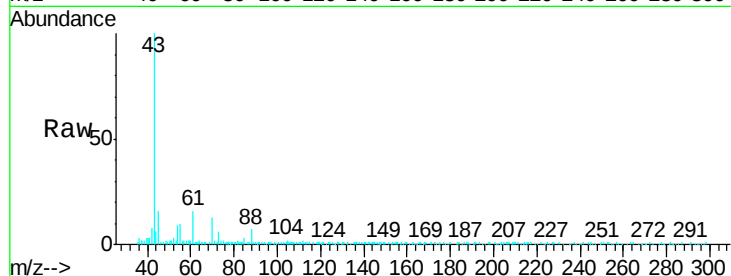




#37
Ethyl Acetate
Concen: 5.478 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

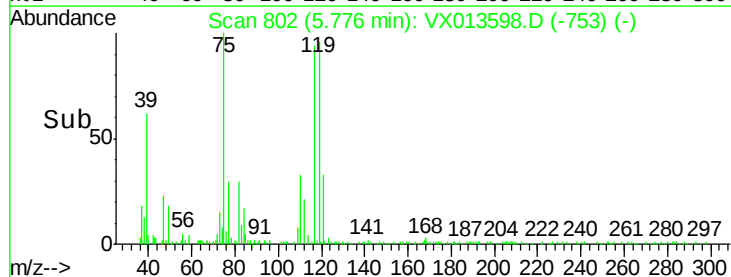
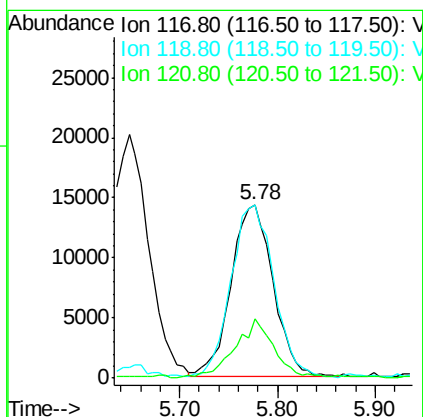
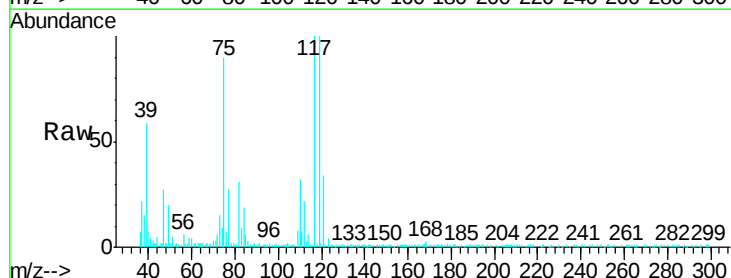
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

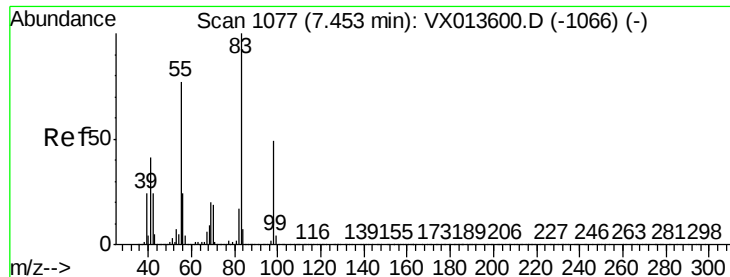
Tgt Ion: 43 Resp: 55495
Ion Ratio Lower Upper
43 100
61 17.8 11.0 16.4#
70 11.4 8.6 12.8



#38
Carbon Tetrachloride
Concen: 5.255 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 117 Resp: 42181
Ion Ratio Lower Upper
117 100
119 100.1 77.5 116.3
121 32.8 25.0 37.6

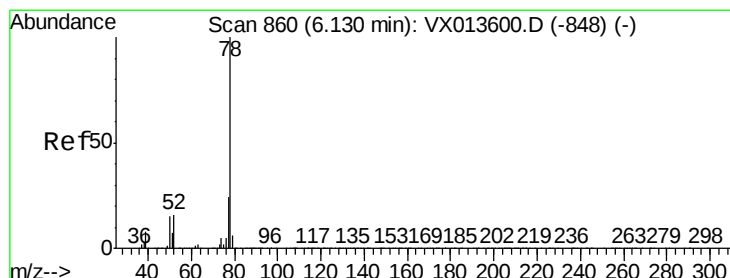
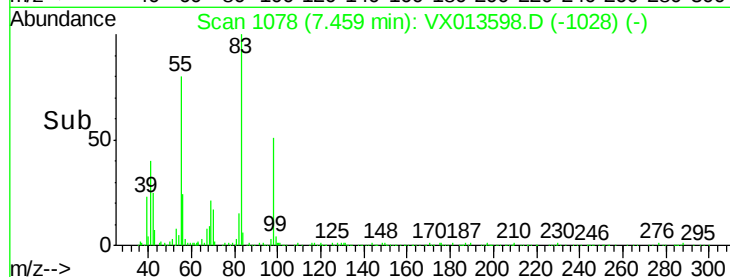
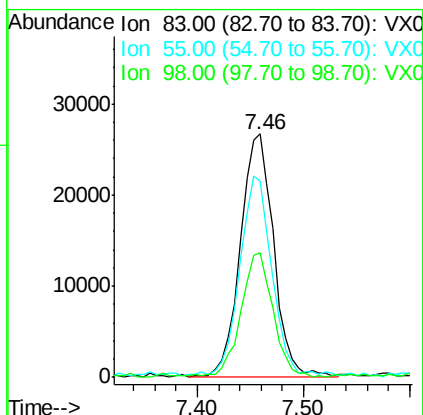
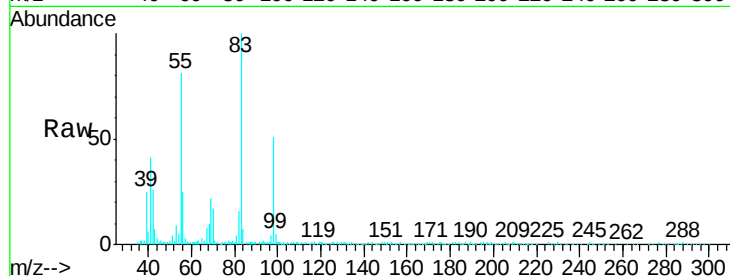




#39
Methylcyclohexane
Concen: 5.703 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

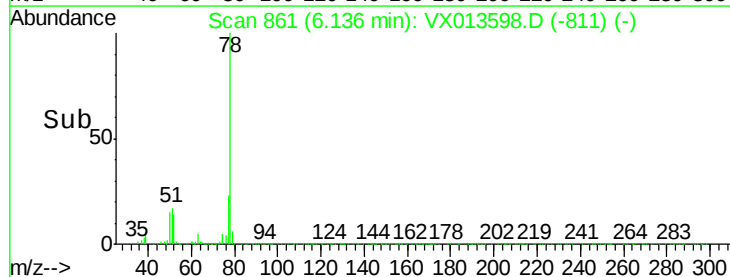
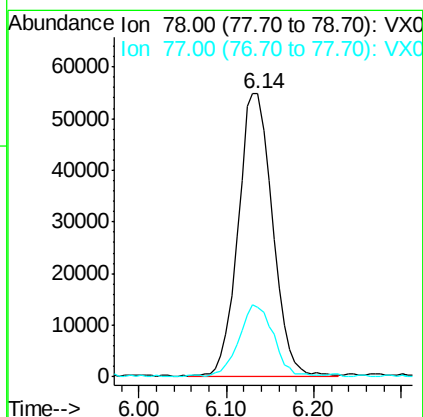
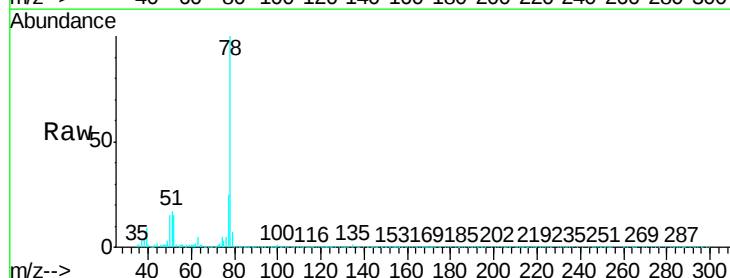
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

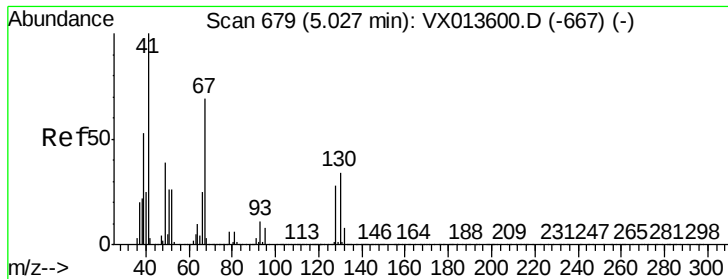
Tgt Ion	Ratio	Lower	Upper
83	100		
55	79.9	61.9	92.9
98	50.7	39.4	59.0



#40
Benzene
Concen: 5.768 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.0	28.4

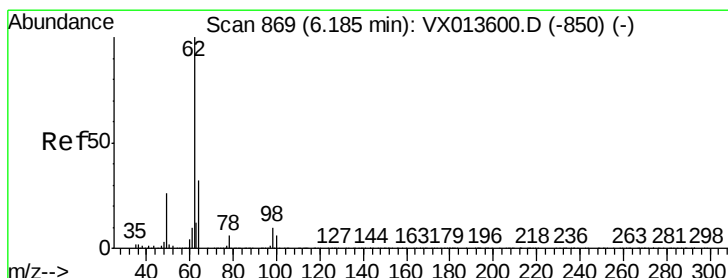
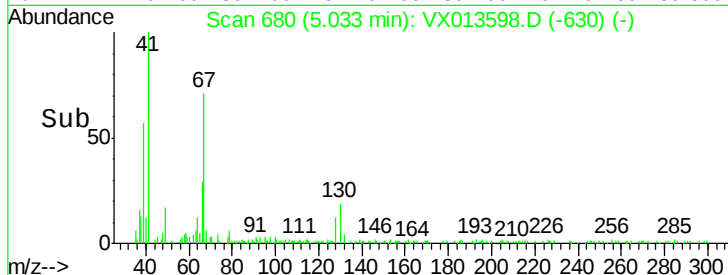
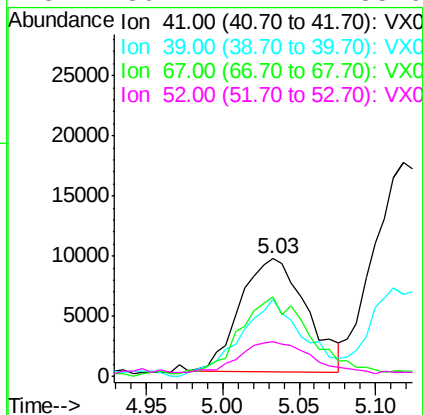
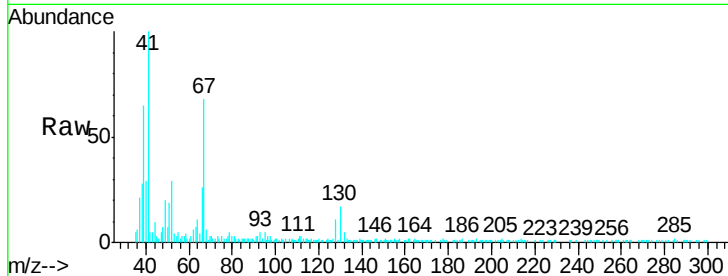




#41
Methacrylonitrile
Concen: 4.985 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

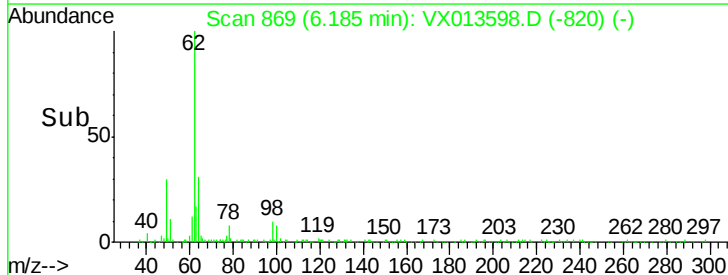
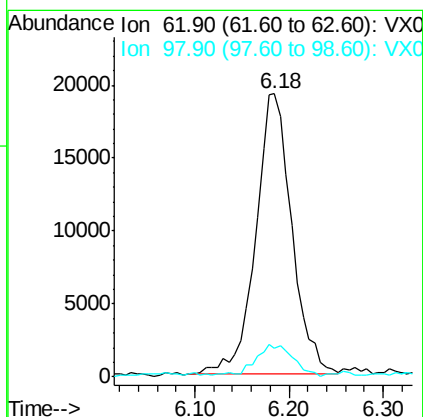
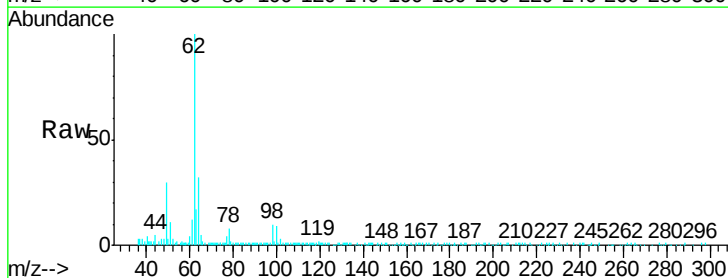
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

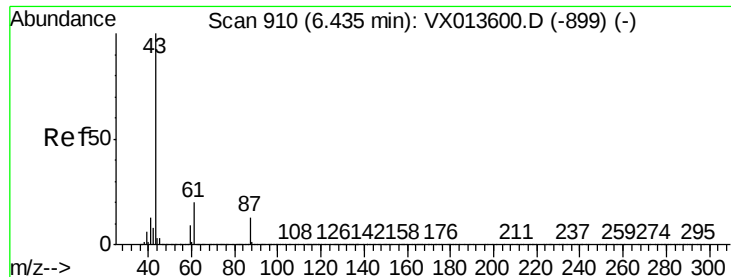
Tgt Ion:	41	Resp:	28308
Ion	Ratio	Lower	Upper
41	100		
39	65.5	42.9	64.3#
67	72.2	57.4	86.0
52	30.4	22.4	33.6



#42
1,2-Dichloroethane
Concen: 5.632 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion:	62	Resp:	51622
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	20.8





#43

Isopropyl Acetate

Concen: 5.581 ug/l

RT: 6.43 min Scan# 910

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

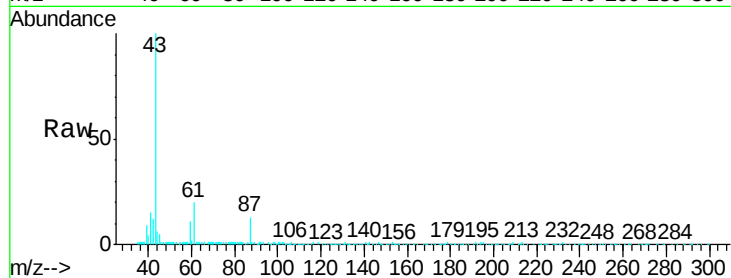
Tgt Ion: 43 Resp: 88211

Ion Ratio Lower Upper

43 100

61 20.4 16.3 24.5

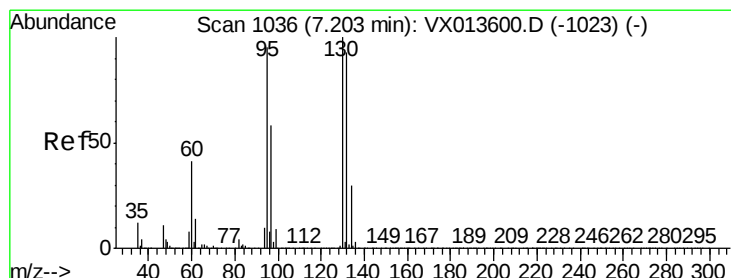
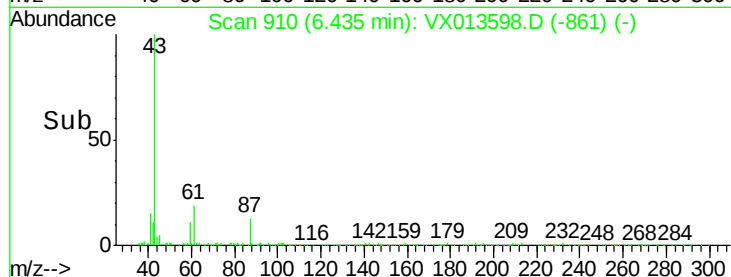
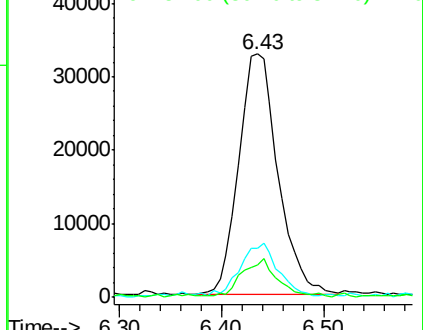
87 13.7 10.8 16.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 5.590 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013598.D

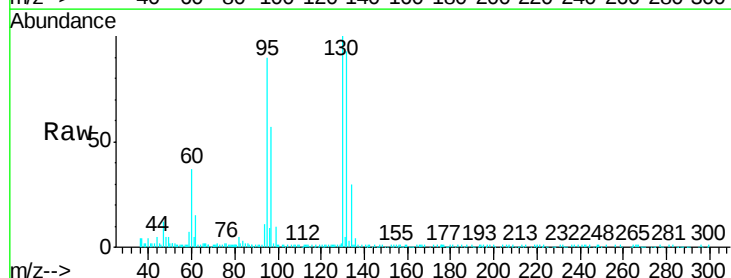
Acq: 26 Nov 2019 13:55

Tgt Ion: 130 Resp: 39692

Ion Ratio Lower Upper

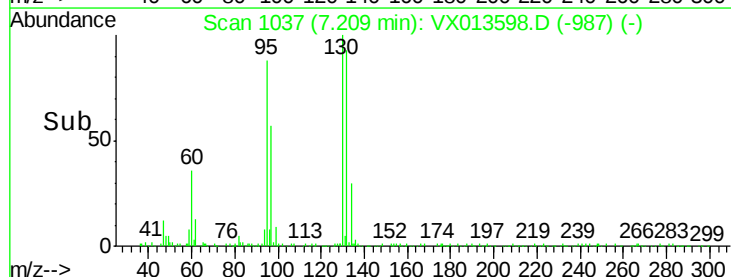
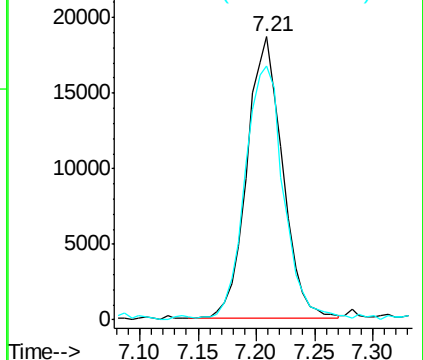
130 100

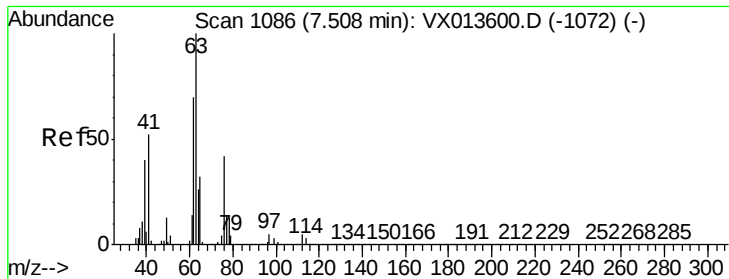
95 88.7 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 5.732 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

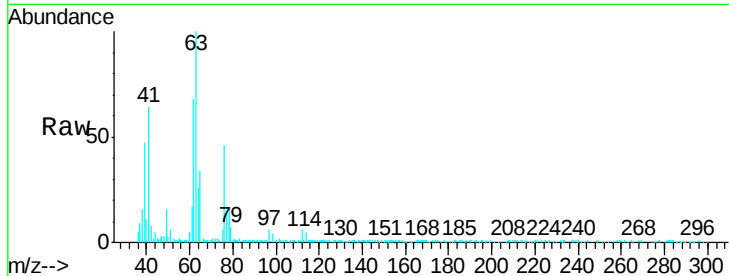
VSTDIC005

Tgt Ion: 63 Resp: 37546

Ion Ratio Lower Upper

63 100

65 32.2 25.5 38.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

20000

15000

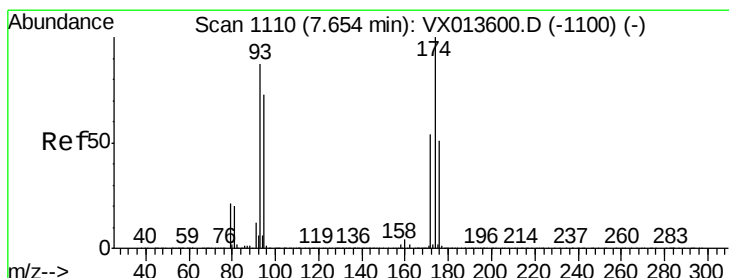
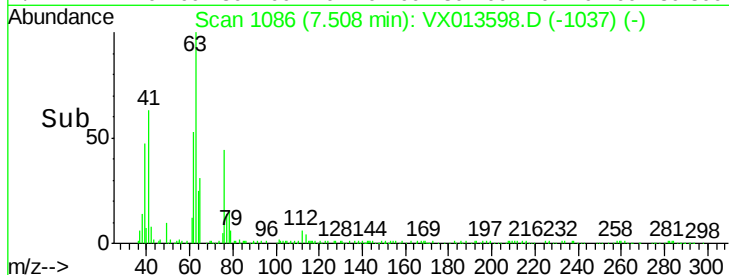
10000

5000

0

7.40 7.45 7.50 7.55 7.60

Time-->



#46

Dibromomethane

Concen: 5.580 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

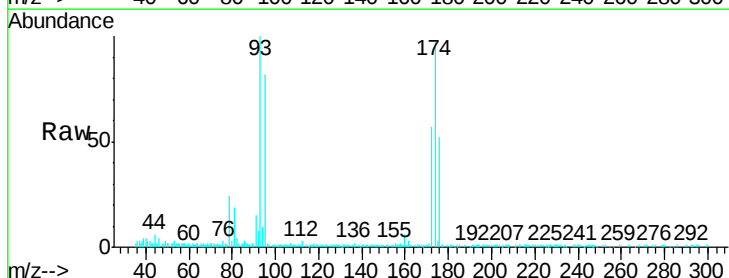
Tgt Ion: 93 Resp: 24836

Ion Ratio Lower Upper

93 100

95 81.2 66.2 99.2

174 113.3 93.4 140.0



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

15000

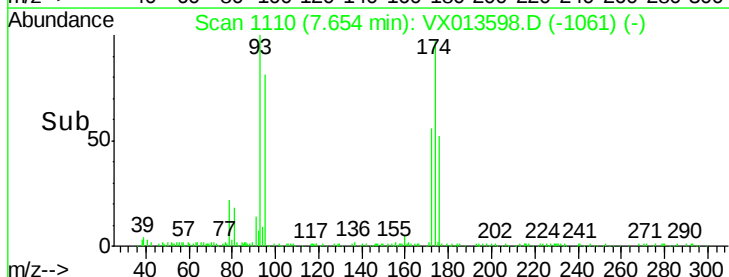
10000

5000

0

7.55 7.60 7.65 7.70 7.75

Time-->





#47

Bromodichloromethane

Concen: 5.275 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

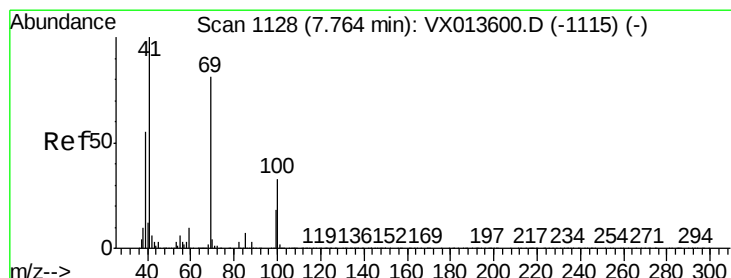
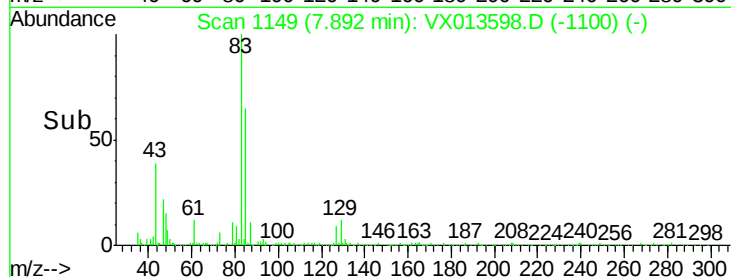
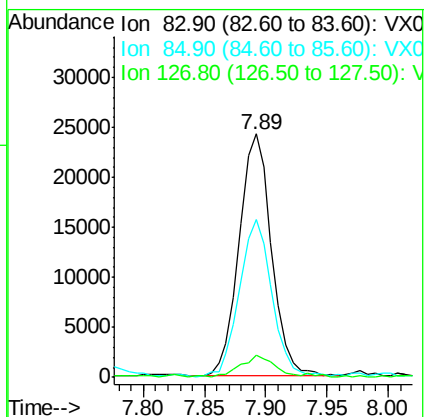
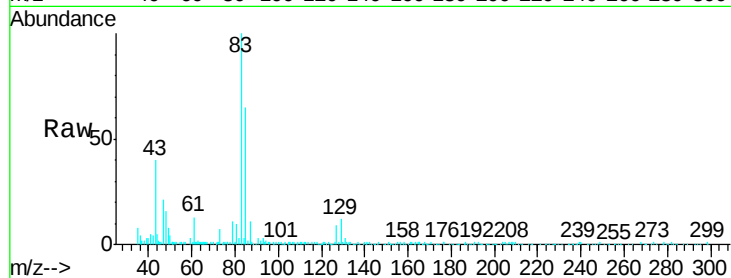
Tgt Ion: 83 Resp: 44358

Ion Ratio Lower Upper

83 100

85 64.7 52.1 78.1

127 8.7 7.0 10.4



#48

Methyl methacrylate

Concen: 5.408 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

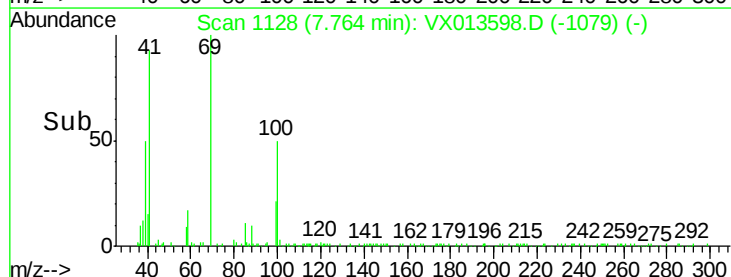
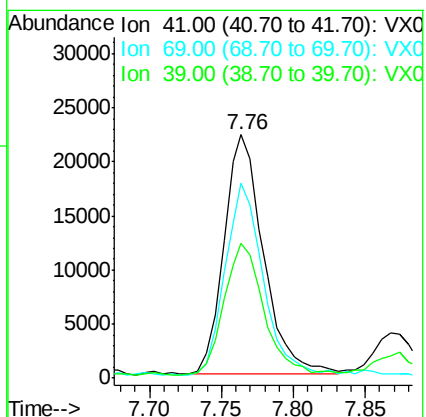
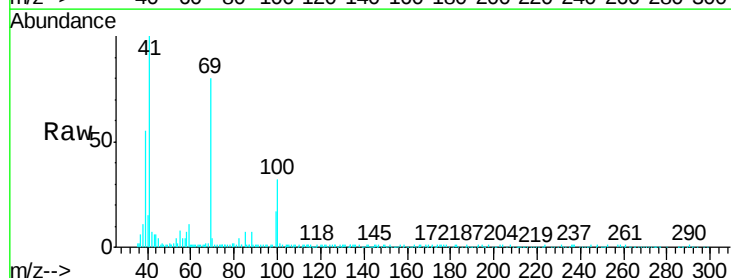
Tgt Ion: 41 Resp: 42512

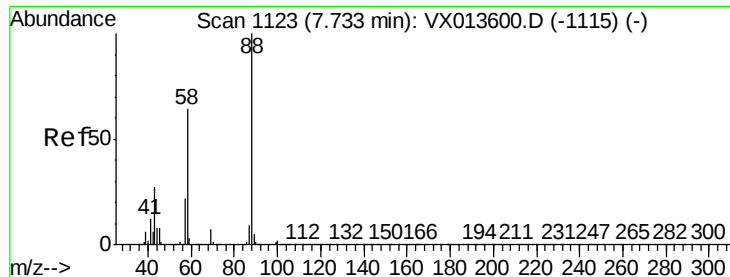
Ion Ratio Lower Upper

41 100

69 78.4 64.7 97.1

39 57.1 43.8 65.6





#49

1,4-Dioxane

Concen: 109.542 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

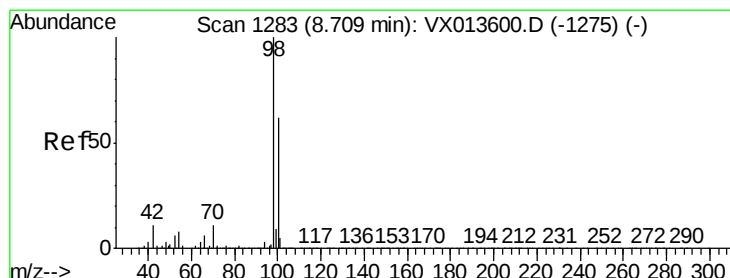
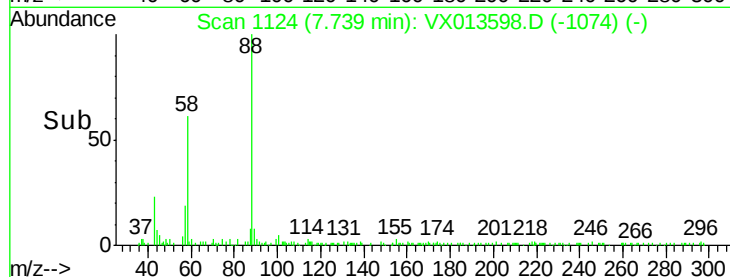
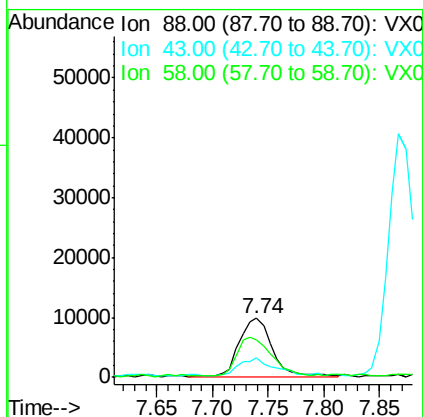
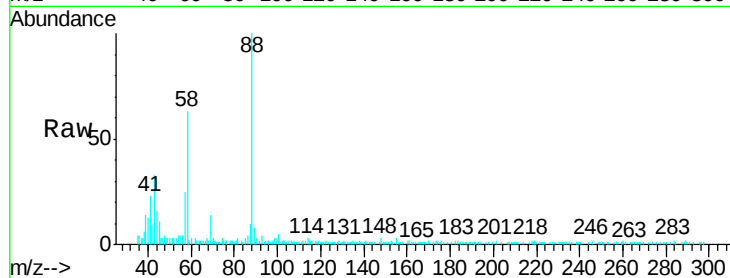
Tgt Ion: 88 Resp: 19666

Ion Ratio Lower Upper

88 100

43 29.0 25.8 38.6

58 73.8 54.6 82.0



#50

Toluene-d8

Concen: 5.723 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013598.D

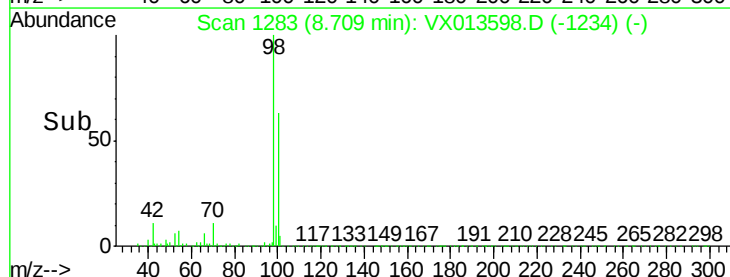
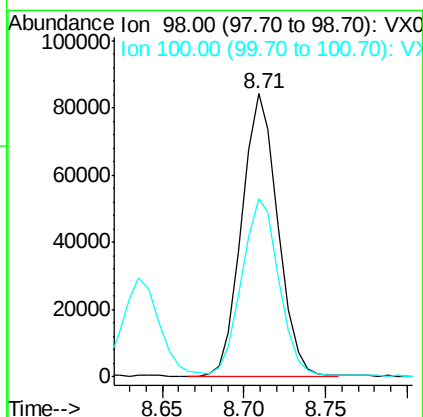
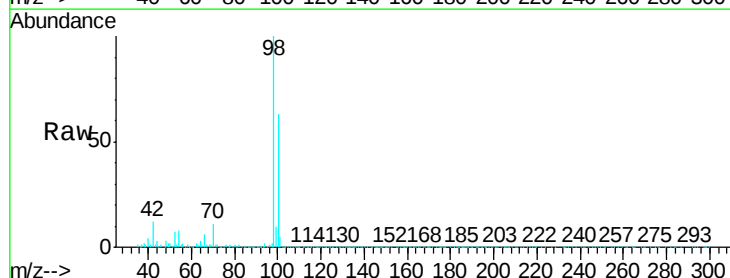
Acq: 26 Nov 2019 13:55

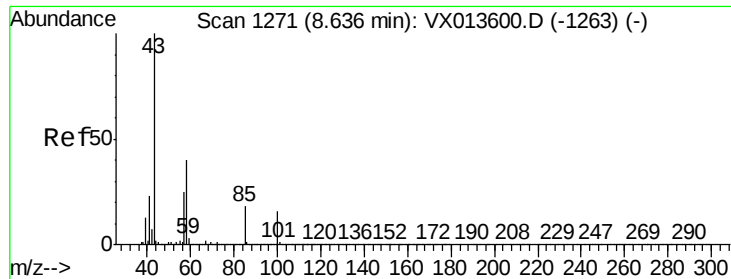
Tgt Ion: 98 Resp: 129443

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

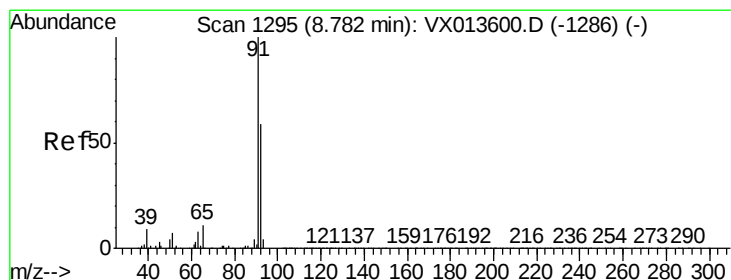
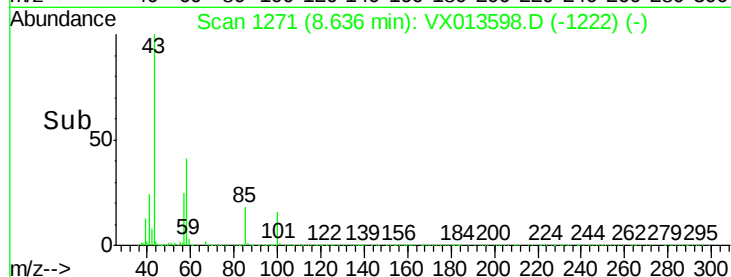
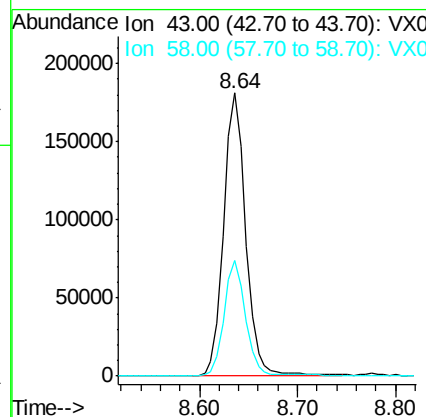
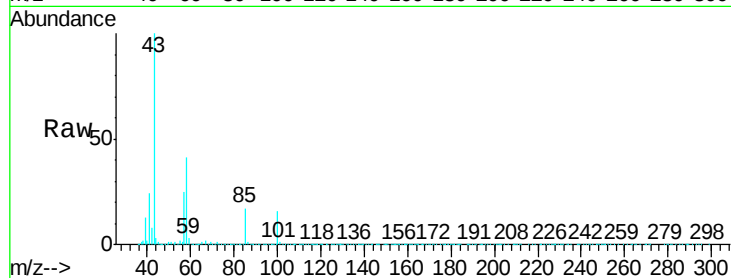




#51
 4-Methyl-2-Pentanone
 Concen: 27.683 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

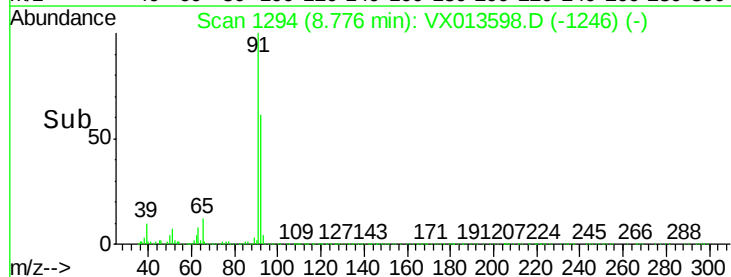
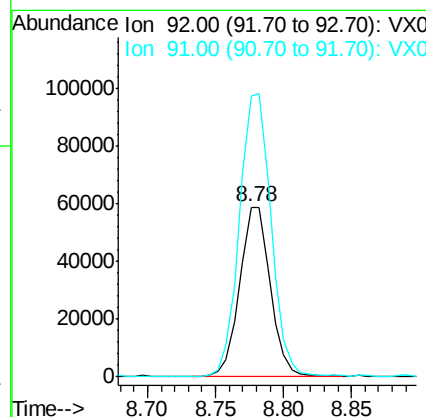
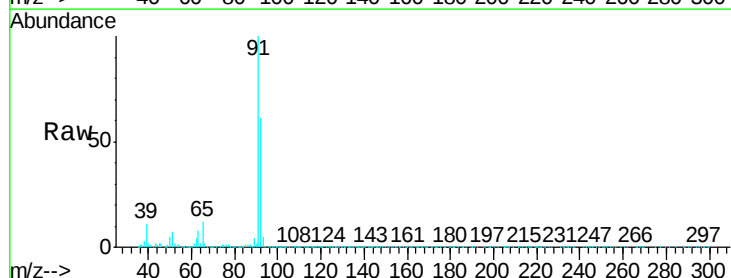
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

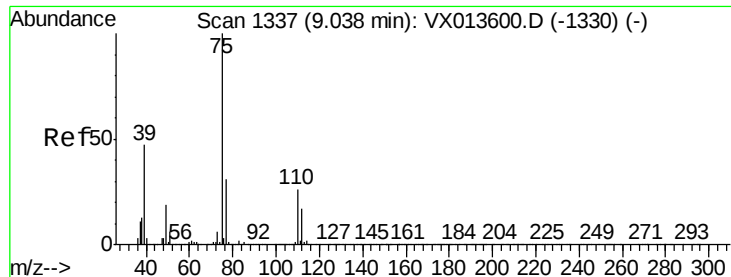
Tgt Ion: 43 Resp: 285335
 Ion Ratio Lower Upper
 43 100
 58 38.9 32.1 48.1



#52
 Toluene
 Concen: 5.809 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.01 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion: 92 Resp: 92740
 Ion Ratio Lower Upper
 92 100
 91 171.1 136.2 204.2

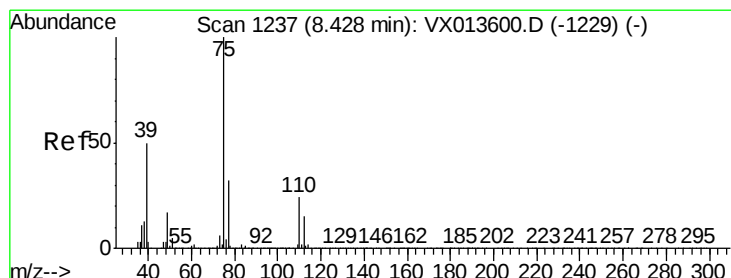
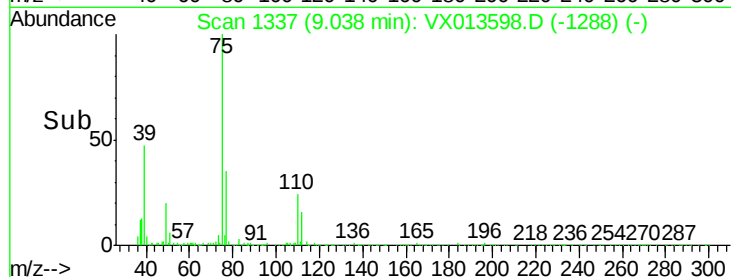
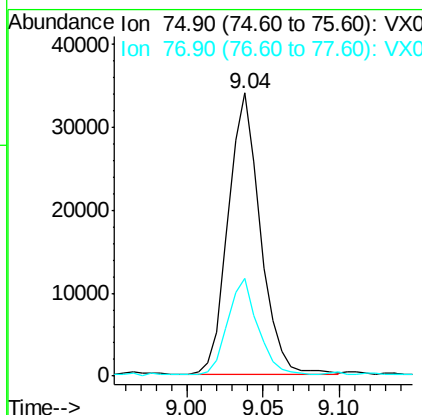
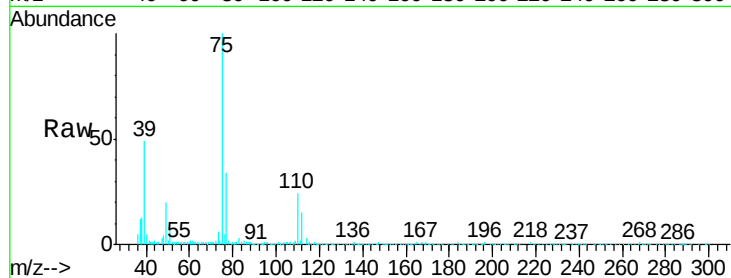




#53
t-1,3-Dichloropropene
Concen: 5.410 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

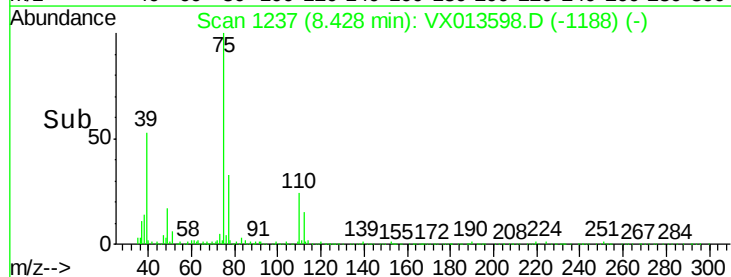
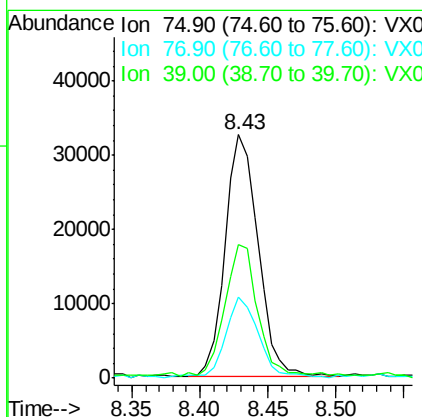
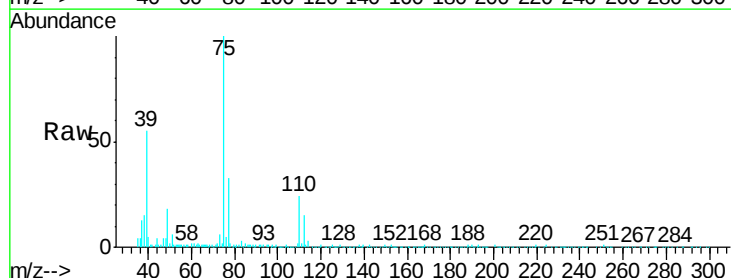
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

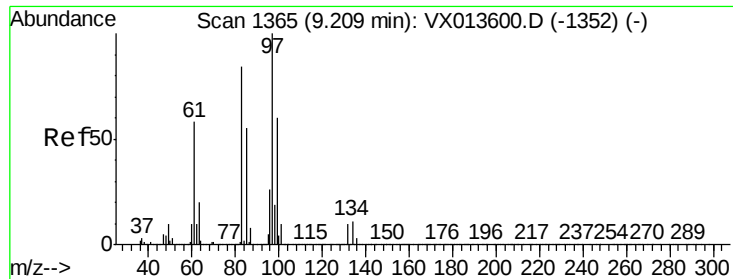
Tgt Ion: 75 Resp: 49932
Ion Ratio Lower Upper
75 100
77 33.9 24.4 36.6



#54
cis-1,3-Dichloropropene
Concen: 5.331 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 75 Resp: 55141
Ion Ratio Lower Upper
75 100
77 32.3 25.8 38.6
39 53.4 39.9 59.9

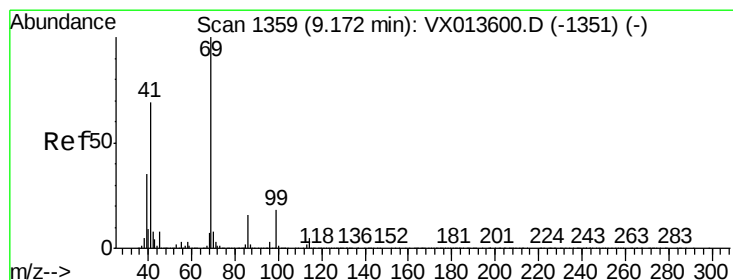
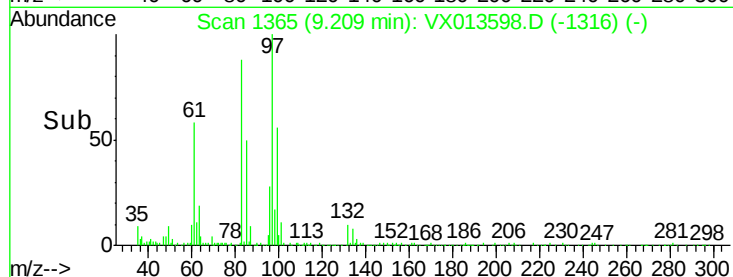
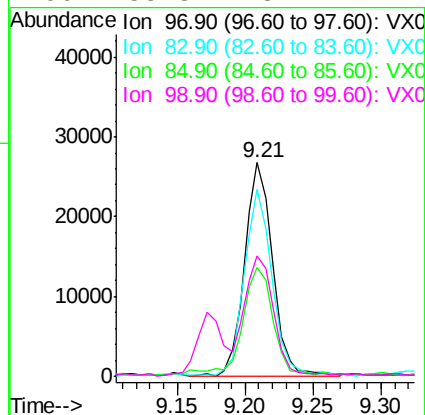
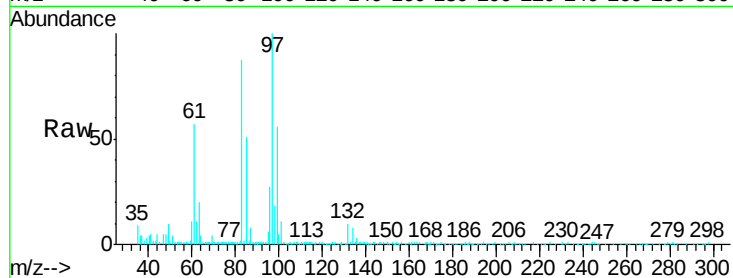




#55
 1,1,2-Trichloroethane
 Concen: 5.799 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

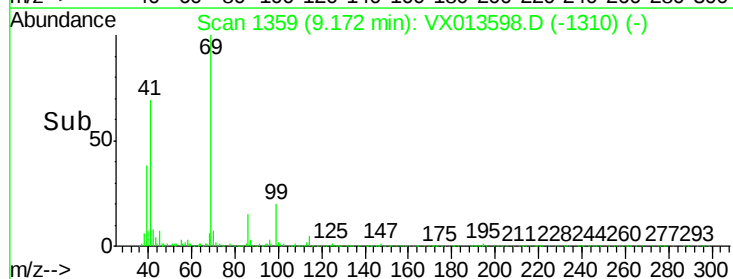
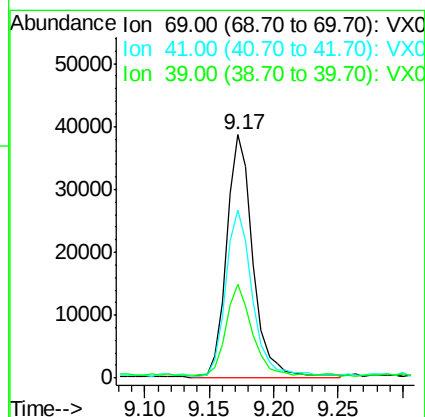
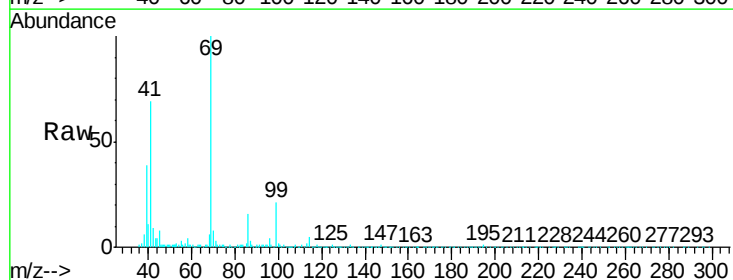
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

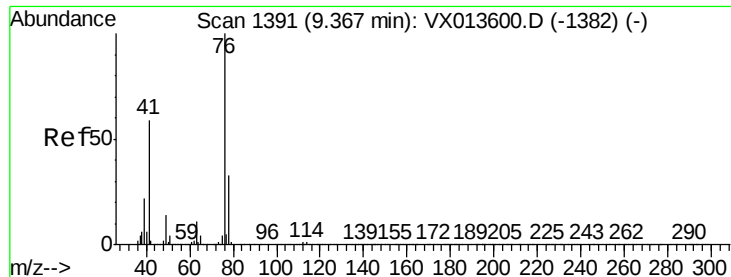
Tgt Ion:	97	Resp:	38210
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.3	100.9
85	49.5	43.6	65.4
99	55.3	48.2	72.4



#56
 Ethyl methacrylate
 Concen: 5.429 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion:	69	Resp:	55370
Ion	Ratio	Lower	Upper
69	100		
41	69.8	55.0	82.4
39	39.5	28.7	43.1





#57

1,3-Dichloropropane

Concen: 5.701 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

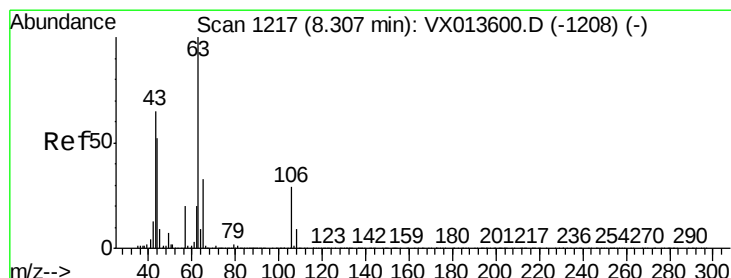
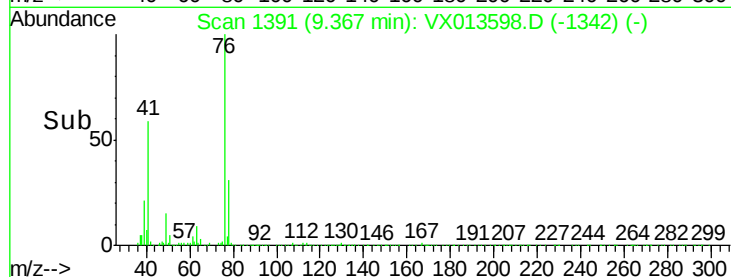
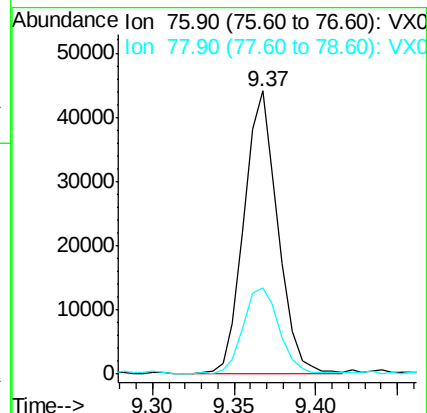
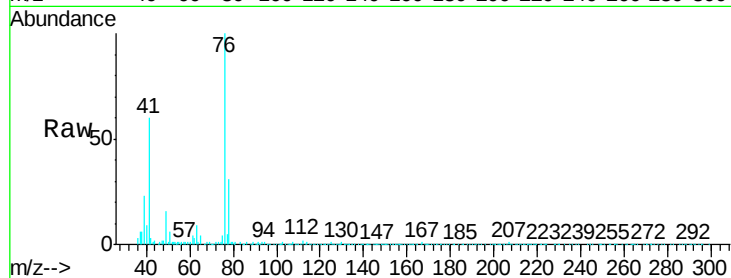
VSTDIC005

Tgt Ion: 76 Resp: 63779

Ion Ratio Lower Upper

76 100

78 33.2 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 28.510 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX013598.D

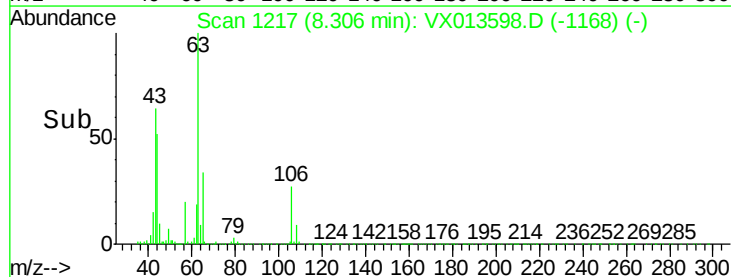
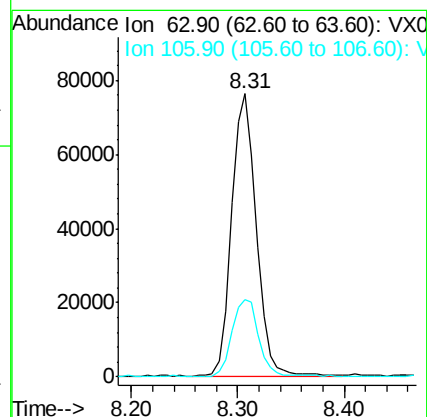
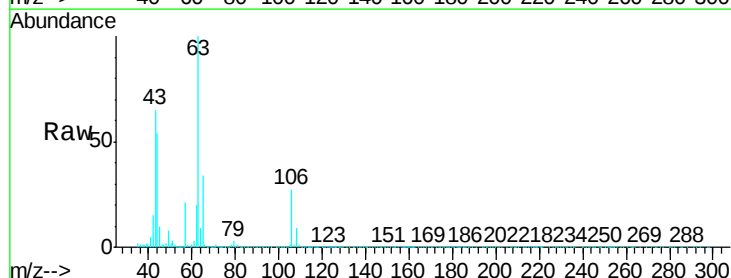
Acq: 26 Nov 2019 13:55

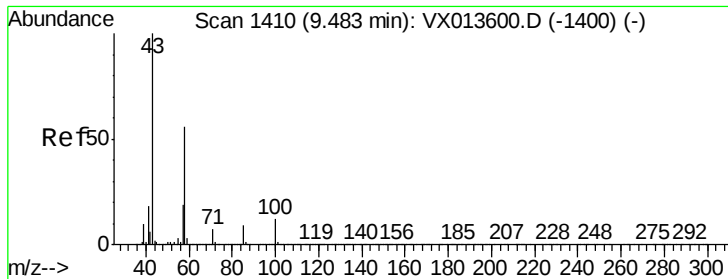
Tgt Ion: 63 Resp: 125673

Ion Ratio Lower Upper

63 100

106 29.3 23.4 35.0

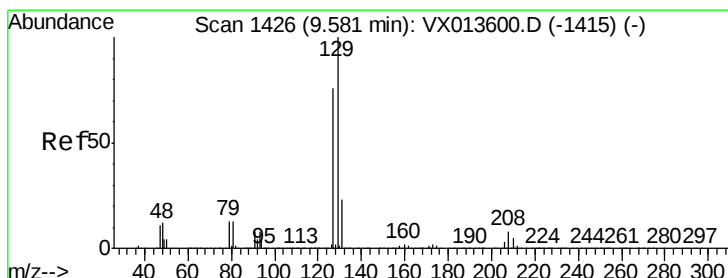
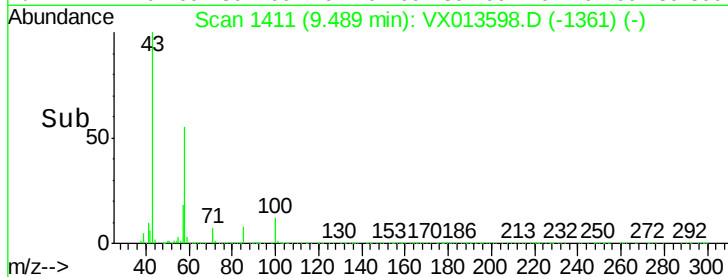
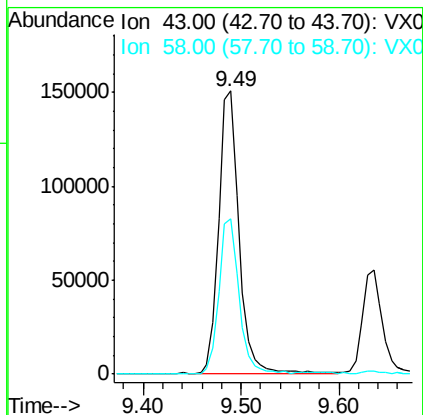
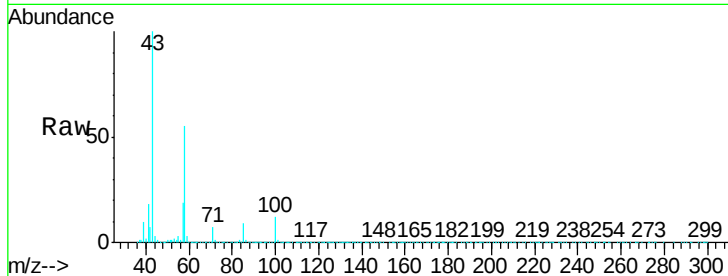




#59
2-Hexanone
Concen: 27.310 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

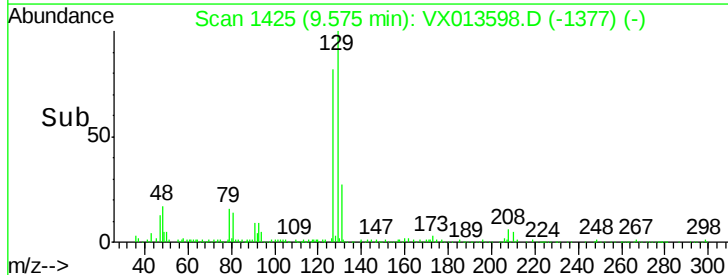
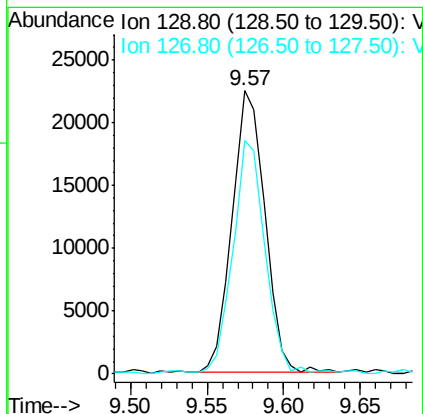
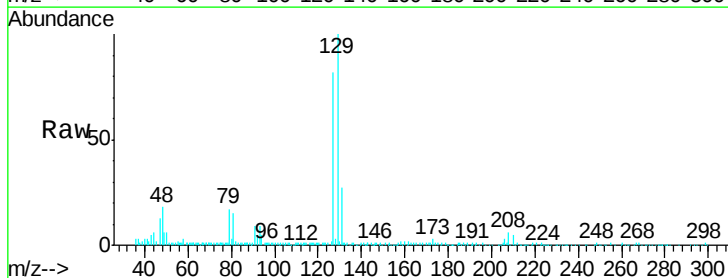
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

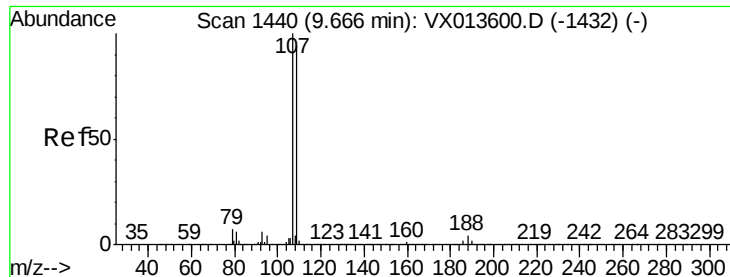
Tgt Ion: 43 Resp: 217472
Ion Ratio Lower Upper
43 100
58 54.5 28.1 84.4



#60
Dibromochloromethane
Concen: 4.945 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 129 Resp: 33340
Ion Ratio Lower Upper
129 100
127 79.4 38.5 115.5

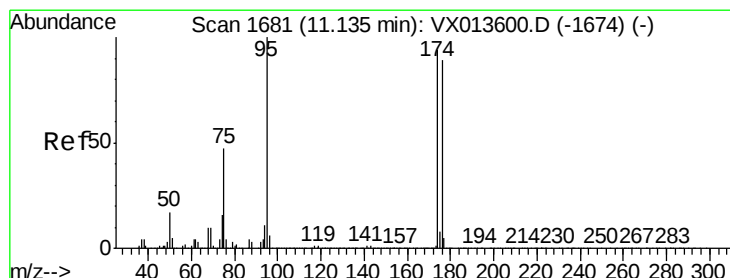
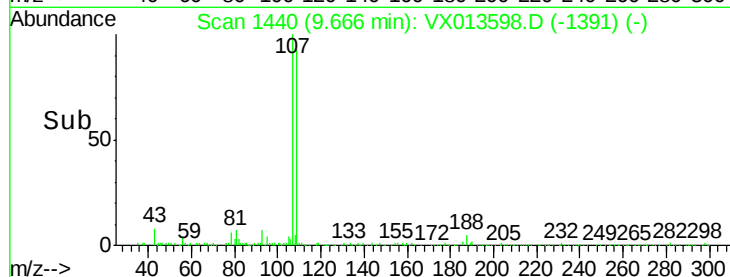
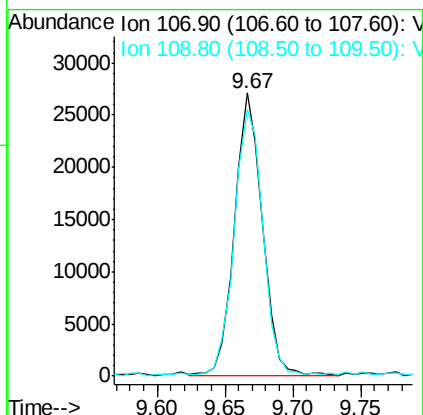
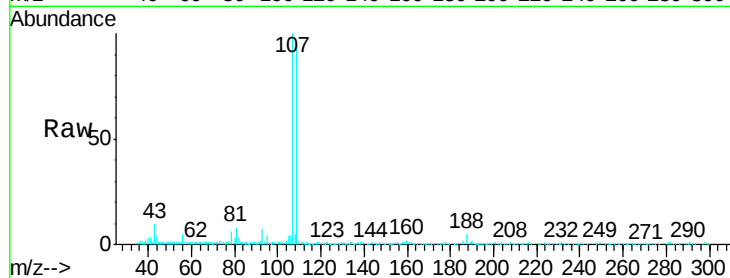




#61
 1,2-Dibromoethane
 Concen: 5.562 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

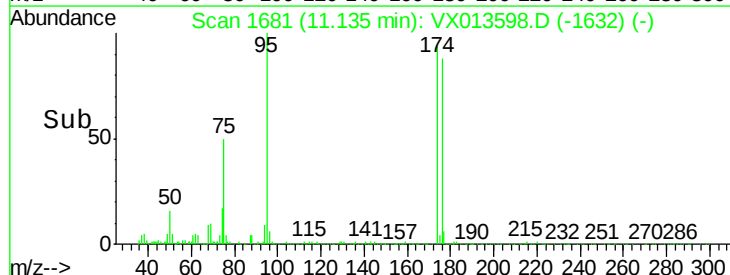
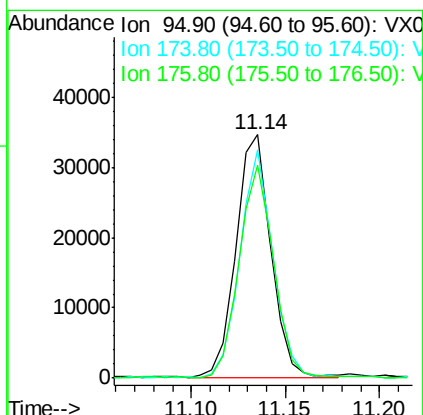
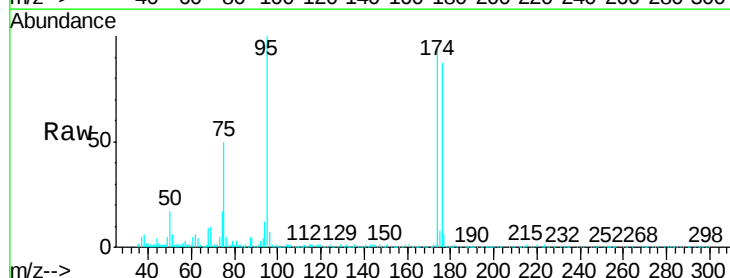
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

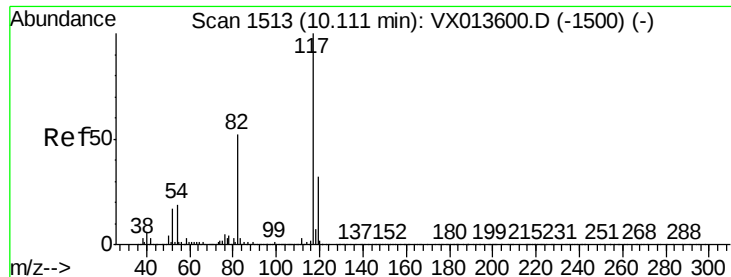
Tgt Ion: 107 Resp: 38812
 Ion Ratio Lower Upper
 107 100
 109 95.4 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 5.411 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion: 95 Resp: 44265
 Ion Ratio Lower Upper
 95 100
 174 90.2 0.0 180.0
 176 87.3 0.0 173.6

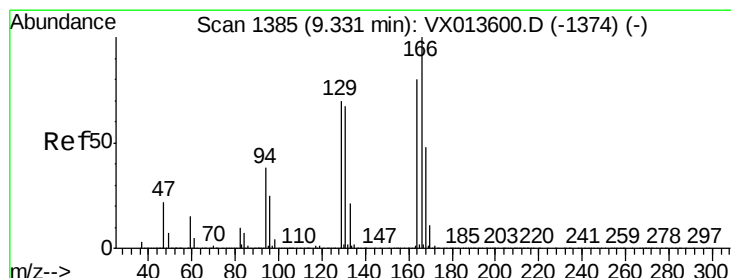
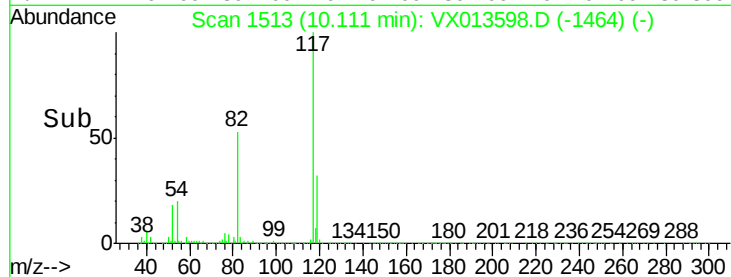
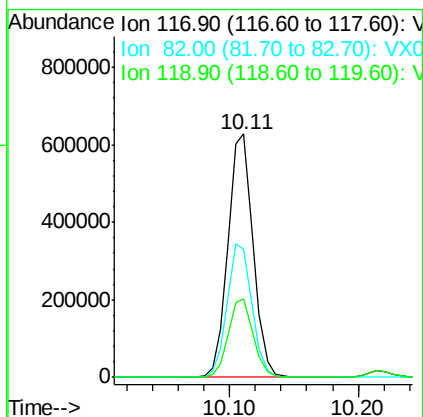
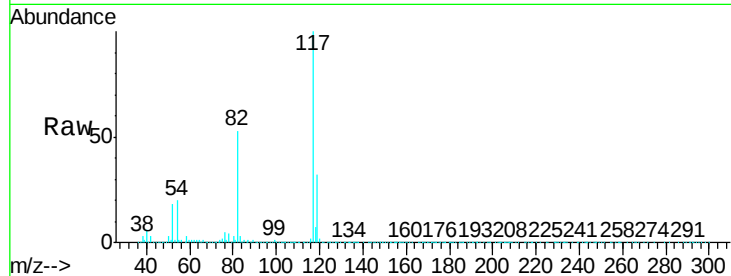




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

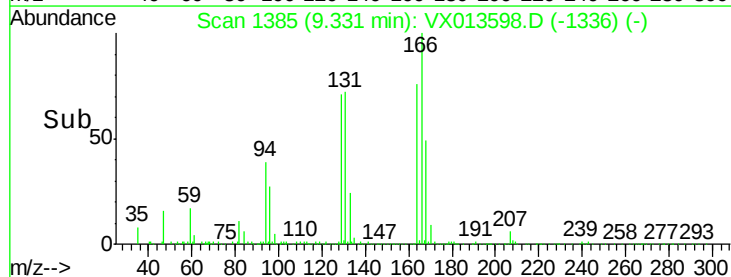
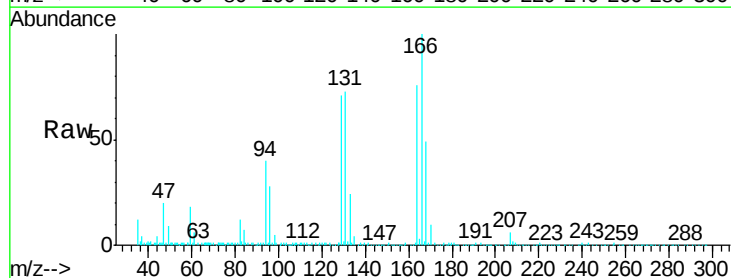
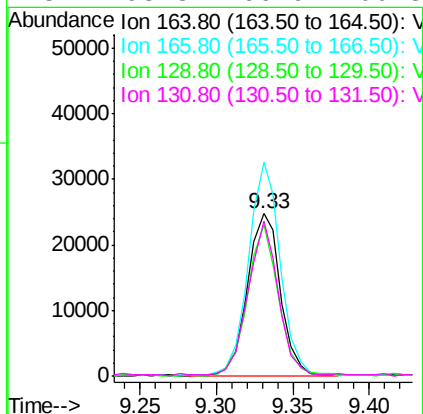
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

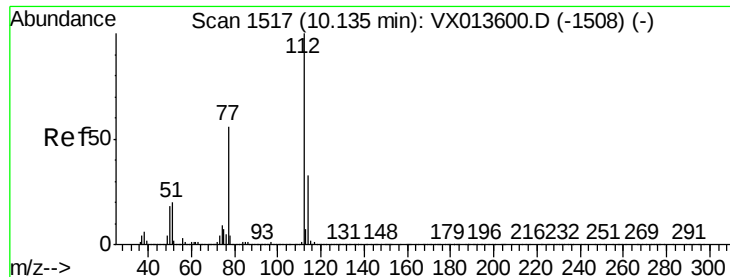
Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.5	41.8	62.8
119	32.4	25.8	38.8



#64
Tetrachloroethene
Concen: 5.954 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion	Ratio	Lower	Upper
164	100		
166	131.6	99.7	149.5
129	92.7	70.1	105.1
131	95.3	66.9	100.3





#65

Chlorobenzene

Concen: 5.837 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

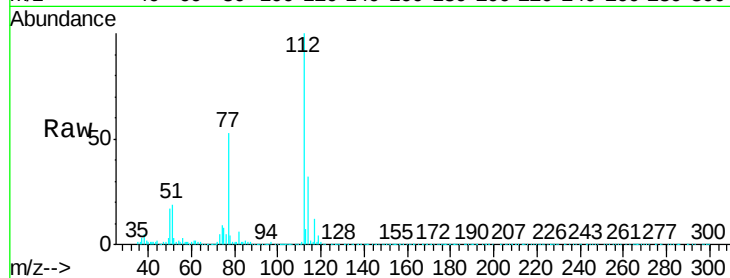
VSTDIC005

Tgt Ion:112 Resp: 101577

Ion Ratio Lower Upper

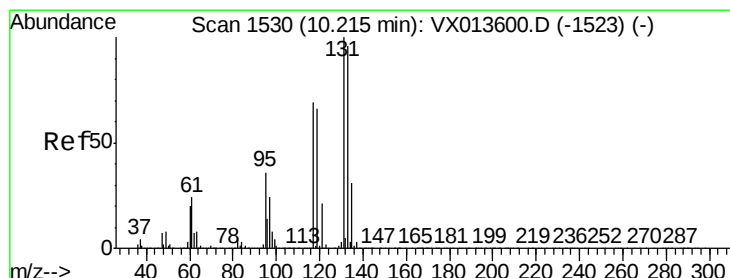
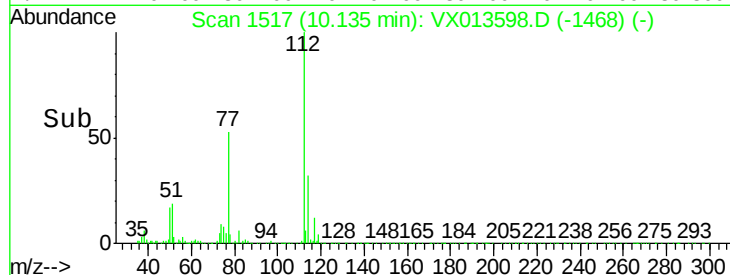
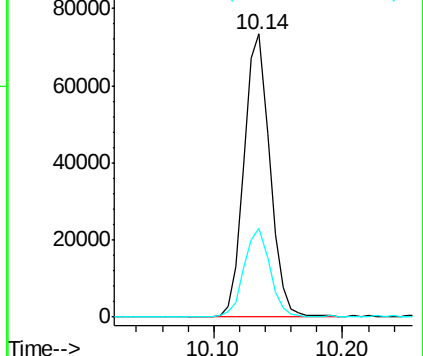
112 100

114 31.5 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 5.511 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

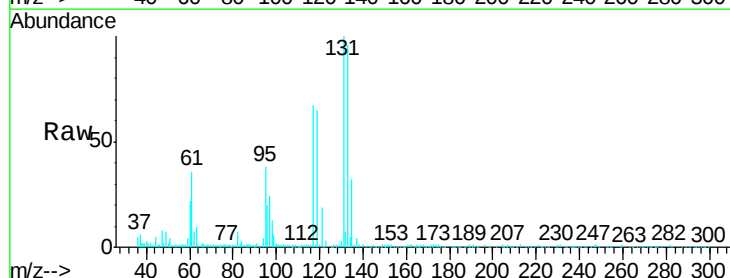
Tgt Ion:131 Resp: 35142

Ion Ratio Lower Upper

131 100

133 97.6 47.7 143.1

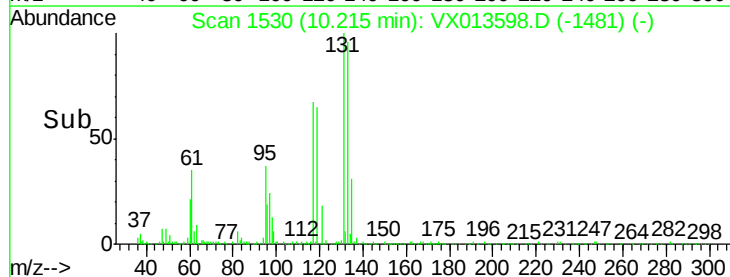
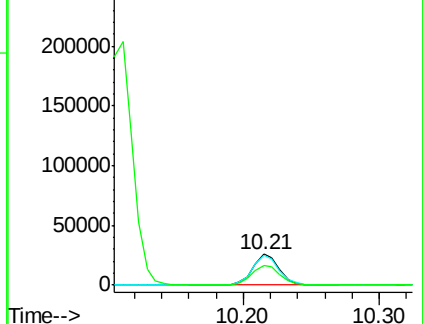
119 65.4 32.9 98.6

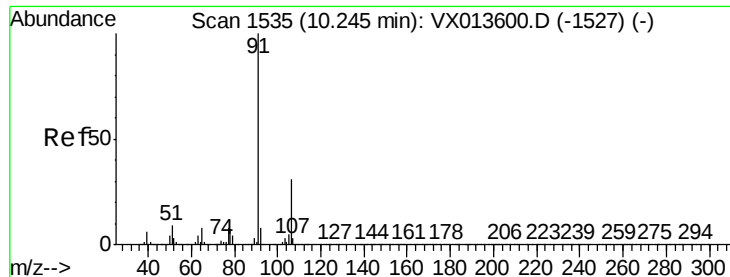


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 5.614 ug/l

RT: 10.25 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

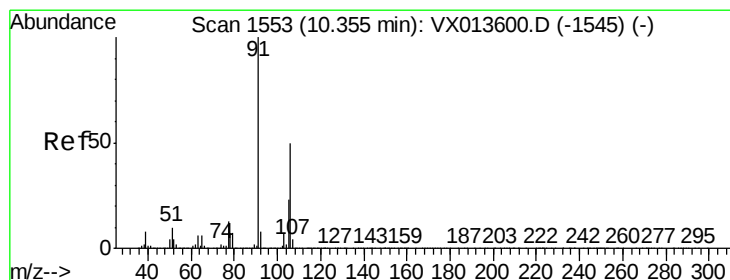
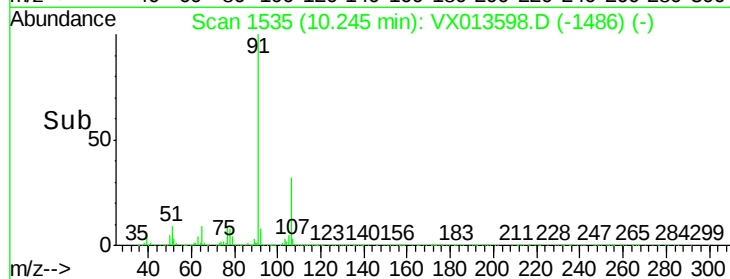
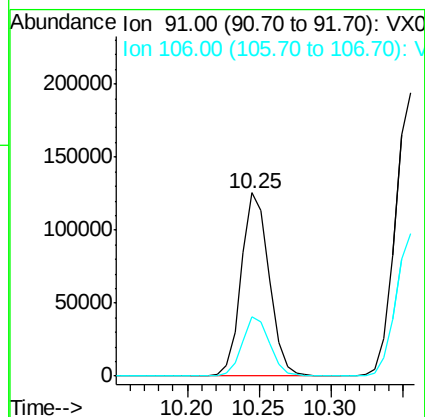
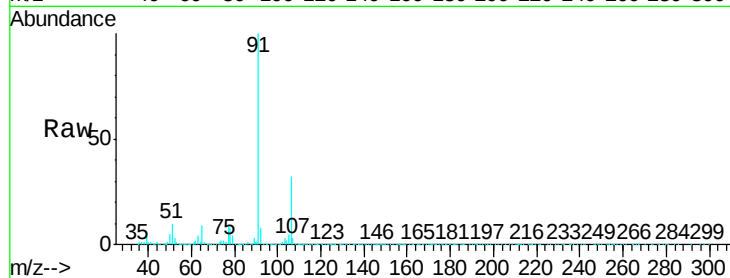
VSTDIC005

Tgt Ion: 91 Resp: 168804

Ion Ratio Lower Upper

91 100

106 32.4 24.5 36.7



#68

m/p-Xylenes

Concen: 11.407 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX013598.D

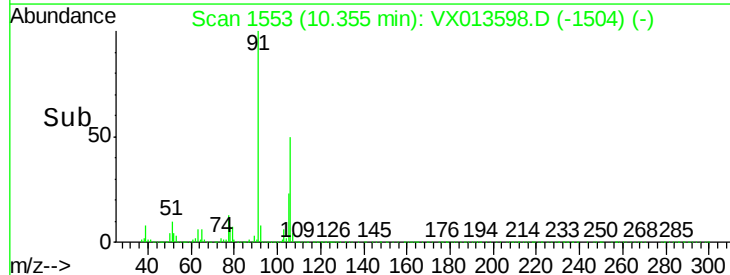
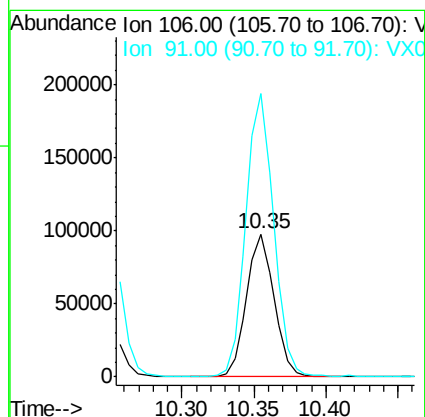
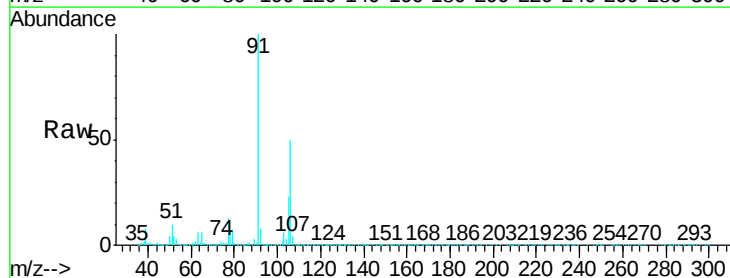
Acq: 26 Nov 2019 13:55

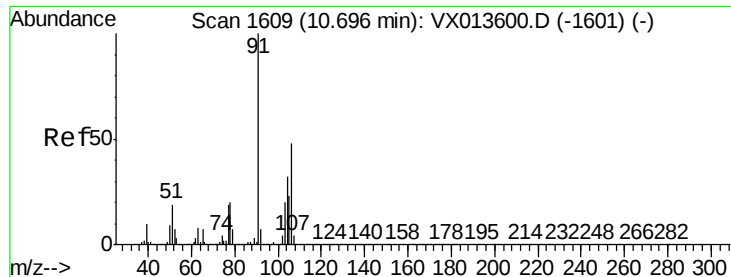
Tgt Ion: 106 Resp: 129384

Ion Ratio Lower Upper

106 100

91 198.6 159.0 238.4





#69

o-Xylene

Concen: 5.709 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

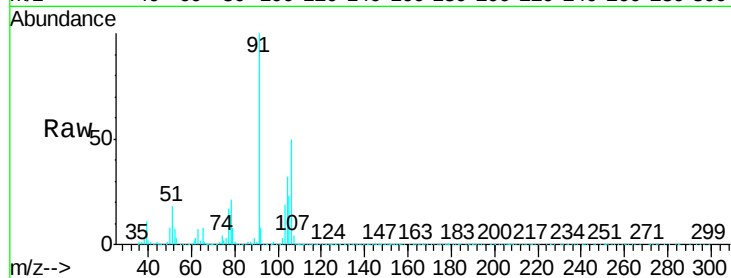
VSTDIC005

Tgt Ion:106 Resp: 63654

Ion Ratio Lower Upper

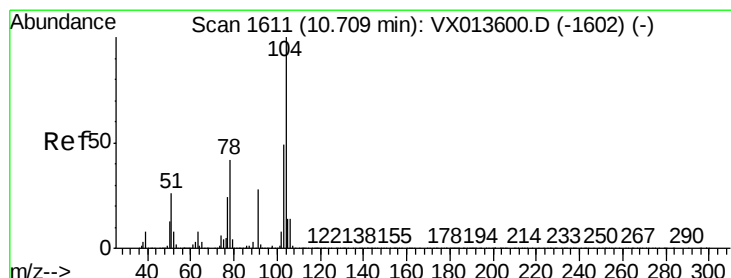
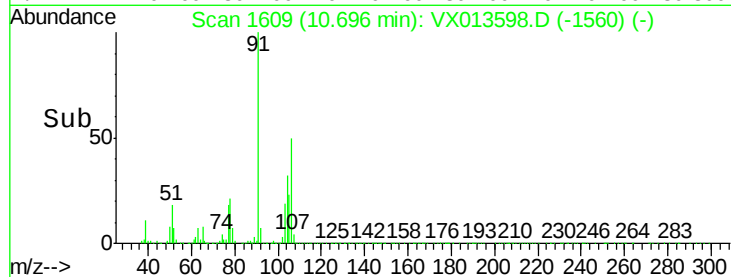
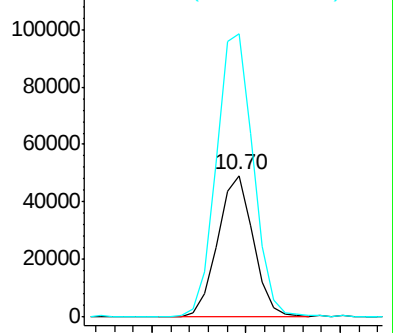
106 100

91 211.0 104.1 312.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#70

Styrene

Concen: 5.467 ug/l

RT: 10.71 min Scan# 1611

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

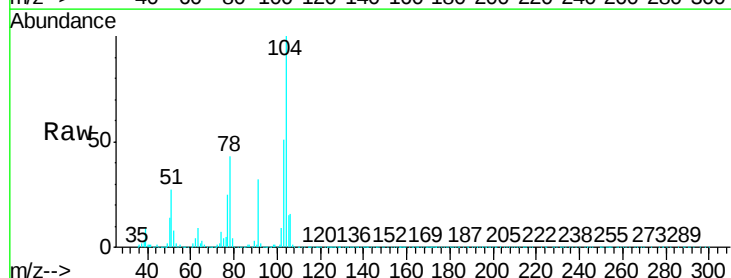
Tgt Ion:104 Resp: 101616

Ion Ratio Lower Upper

104 100

78 51.1 38.5 57.7

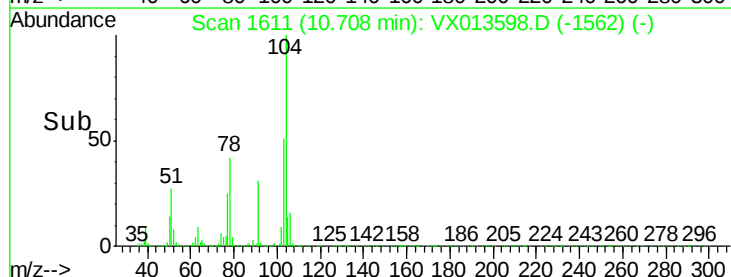
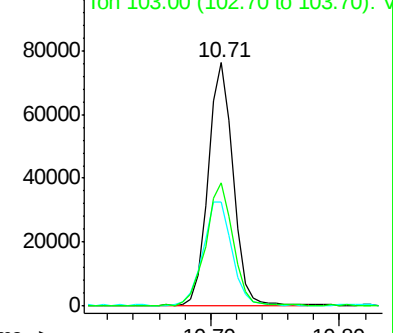
103 55.8 43.7 65.5

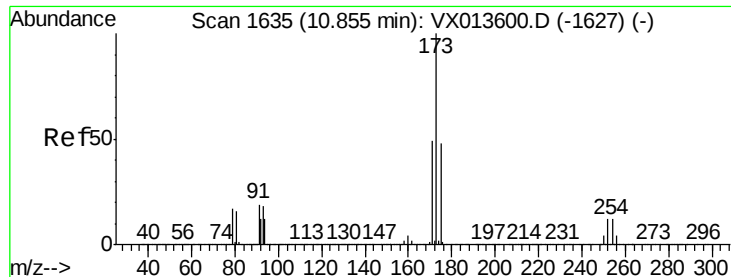


Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 4.916 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

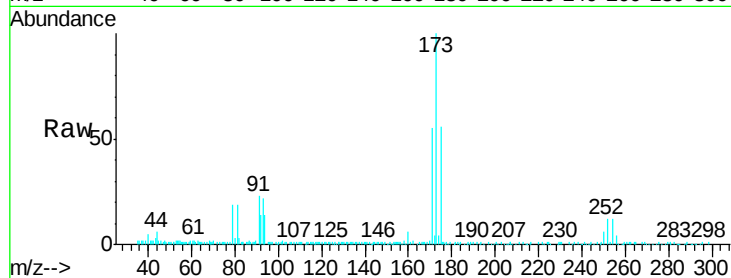
Tgt Ion:173 Resp: 25365

Ion Ratio Lower Upper

173 100

175 50.9 24.3 72.8

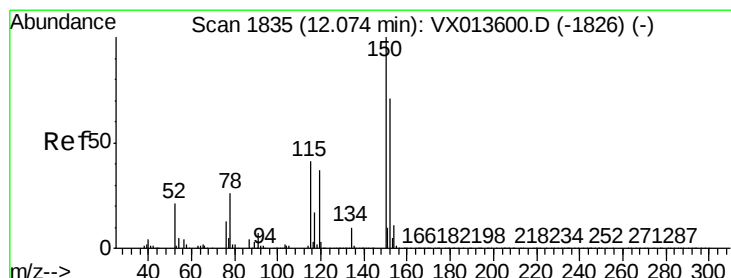
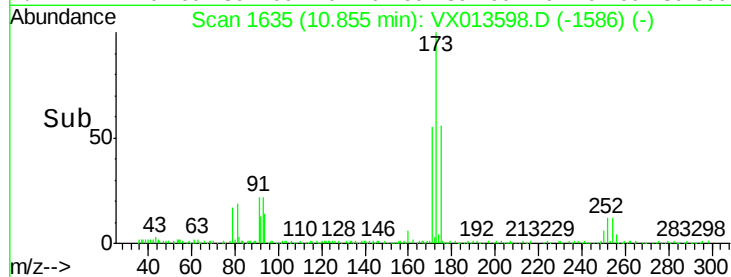
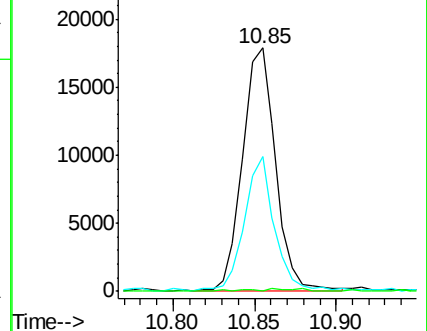
254 1.6 0.2 0.4#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

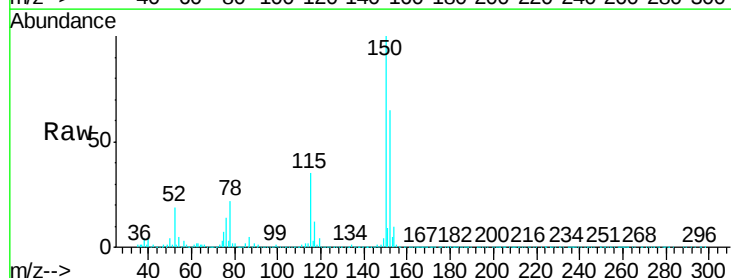
Tgt Ion:152 Resp: 417218

Ion Ratio Lower Upper

152 100

115 57.5 38.4 115.1

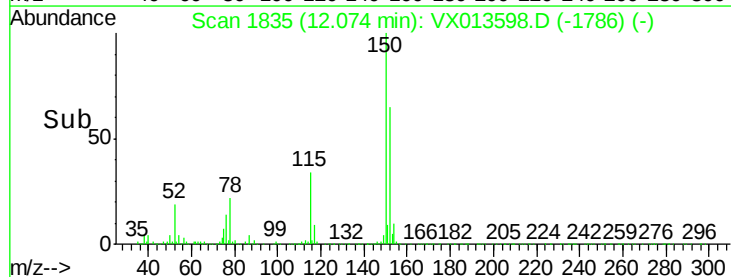
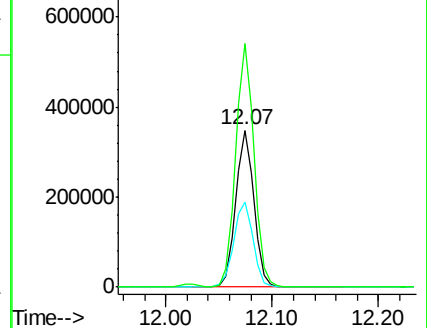
150 156.7 0.0 346.8

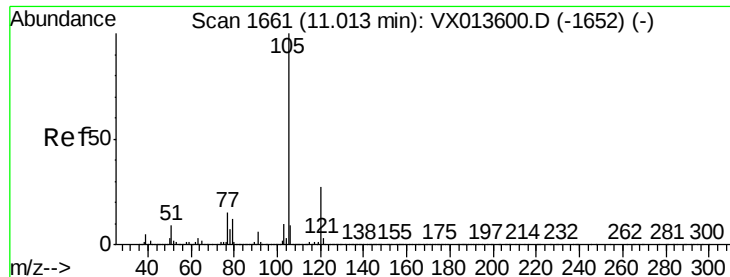


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 6.128 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

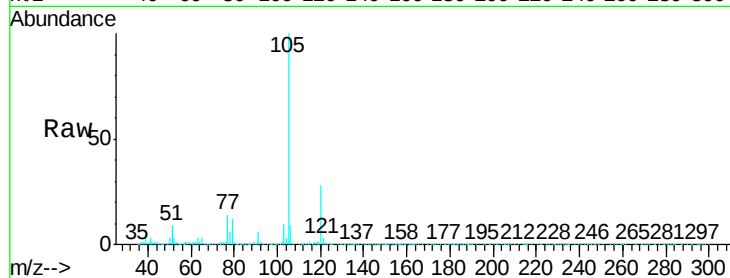
VSTDIC005

Tgt Ion: 105 Resp: 169767

Ion Ratio Lower Upper

105 100

120 27.2 13.5 40.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

150000

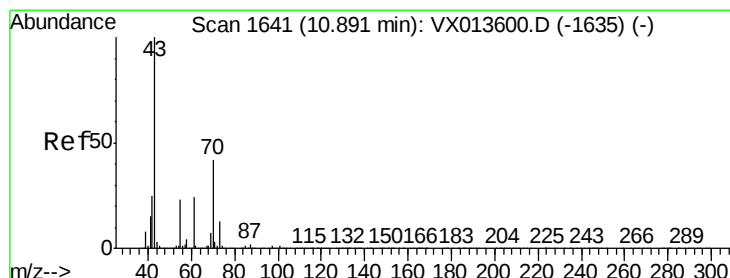
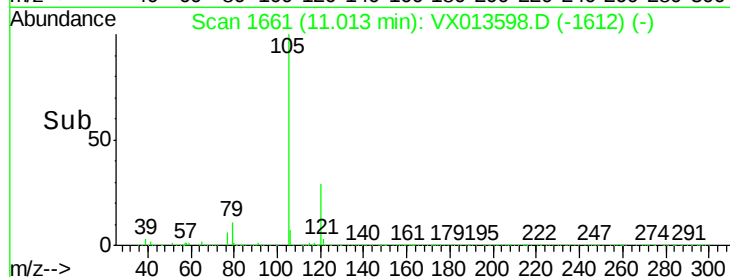
11.01

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 5.825 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion: 43 Resp: 74458

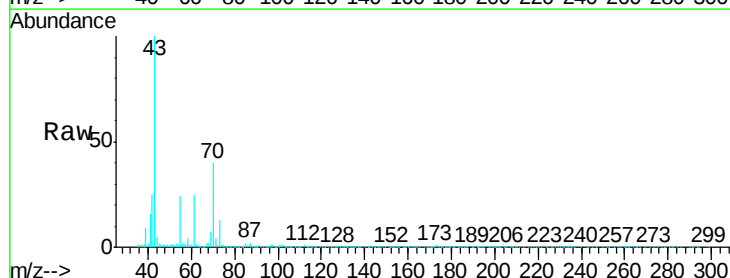
Ion Ratio Lower Upper

43 100

70 42.1 34.3 51.5

55 24.2 18.5 27.7

61 23.2 19.8 29.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

80000

10.89

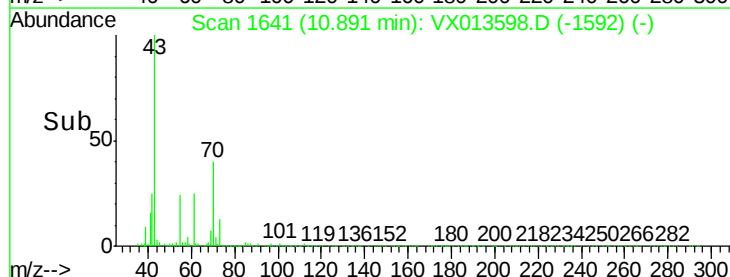
60000

40000

20000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 5.927 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

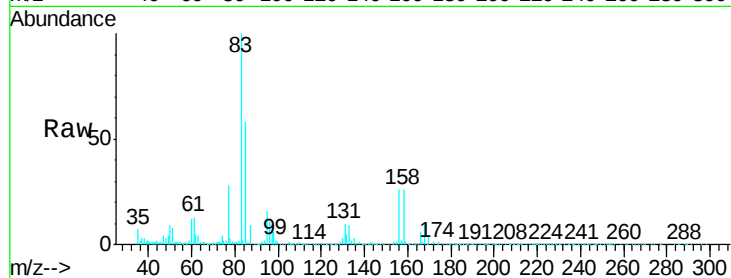
Tgt Ion: 83 Resp: 59569

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.3

85 63.4 31.8 95.3



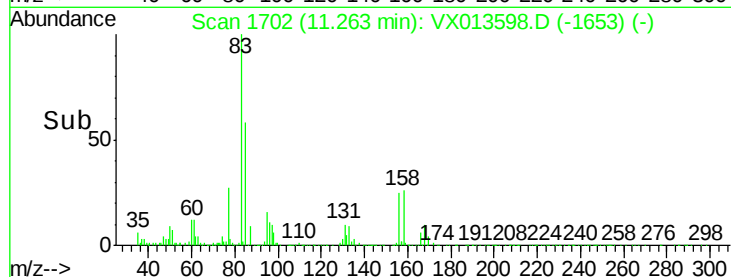
Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

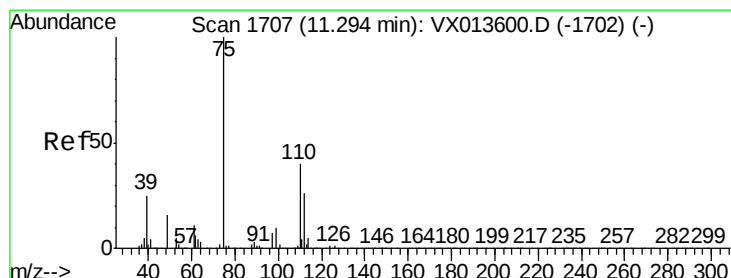
Ion 84.90 (84.60 to 85.60): VX0

11.26

Time-->



Time-->



#76

1,2,3-Trichloropropane

Concen: 7.265 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX013598.D

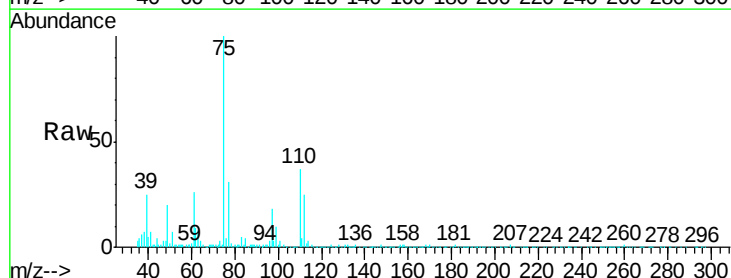
Acq: 26 Nov 2019 13:55

Tgt Ion: 75 Resp: 63075

Ion Ratio Lower Upper

75 100

77 31.7 19.1 57.5

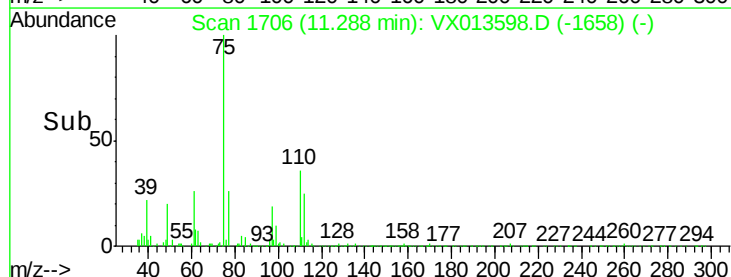


Abundance Ion 74.90 (74.60 to 75.60): VX0

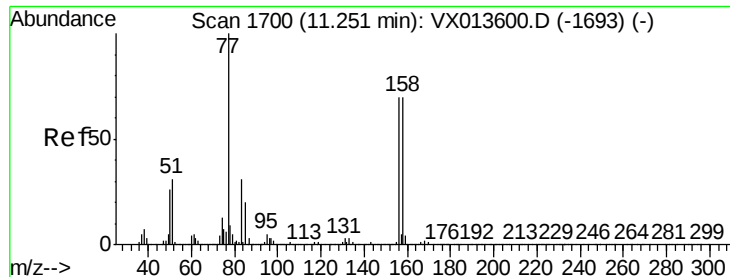
Ion 77.00 (76.70 to 77.70): VX0

11.29

Time-->



Time-->



#77

Bromobenzene

Concen: 5.985 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

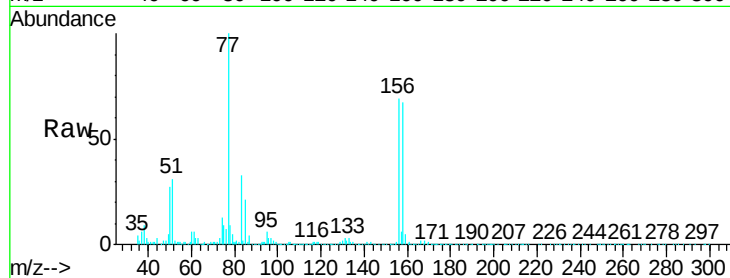
Tgt Ion:156 Resp: 44202

Ion Ratio Lower Upper

156 100

77 153.0 74.4 223.1

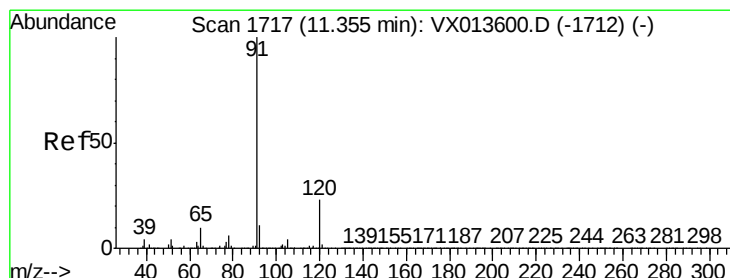
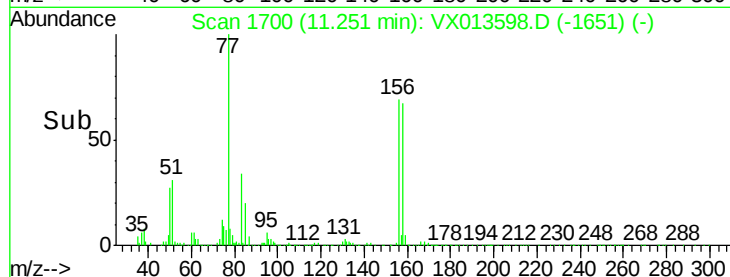
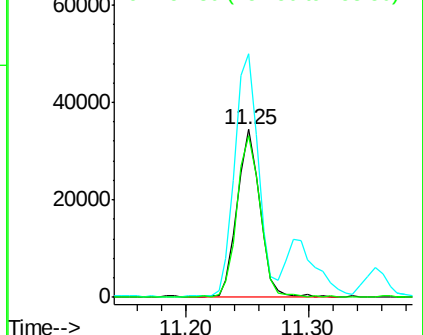
158 98.8 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 5.984 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX013598.D

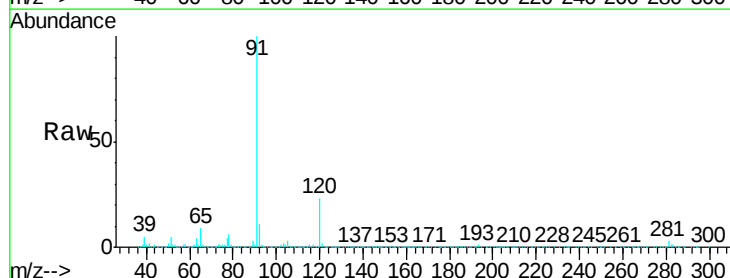
Acq: 26 Nov 2019 13:55

Tgt Ion: 91 Resp: 184282

Ion Ratio Lower Upper

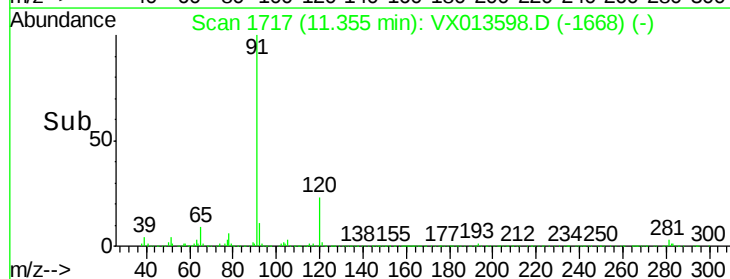
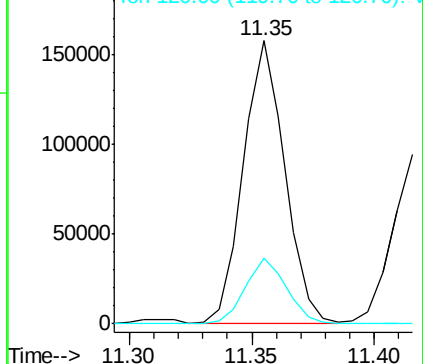
91 100

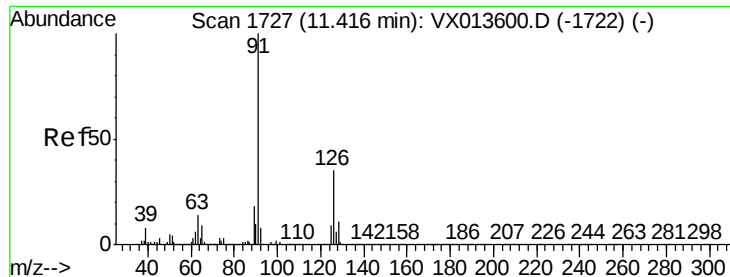
120 23.3 11.8 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 6.052 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

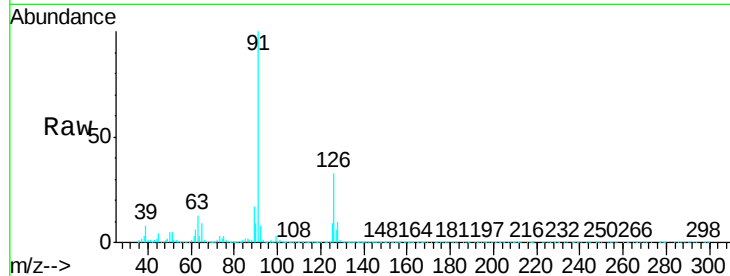
VSTDIC005

Tgt Ion: 91 Resp: 112268

Ion Ratio Lower Upper

91 100

126 35.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VX013600.D (-1722) (-)

Ion 125.90 (125.60 to 126.60): VX013600.D (-1722) (-)

150000

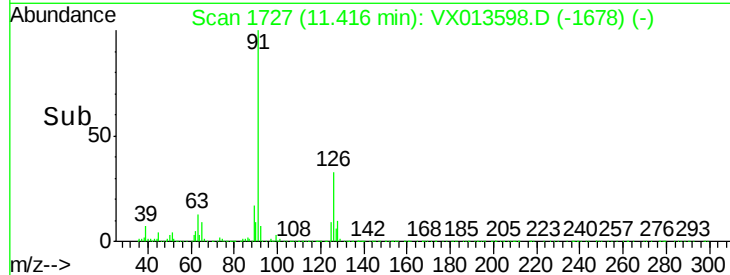
100000

50000

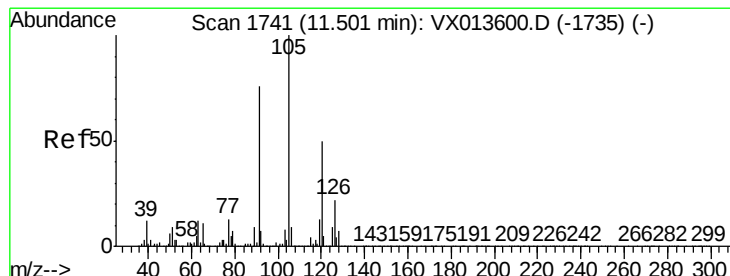
0

11.35 11.40 11.45

11.42



Time--> 11.35 11.40 11.45



#80

1,3,5-Trimethylbenzene

Concen: 5.875 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX013598.D

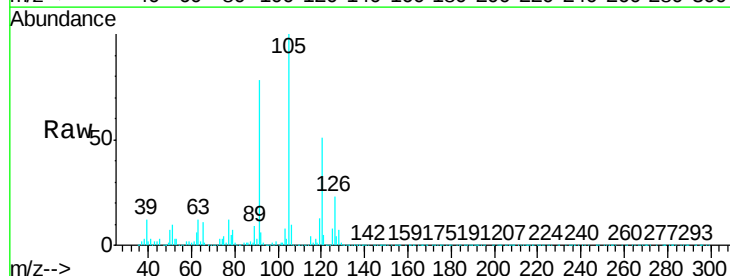
Acq: 26 Nov 2019 13:55

Tgt Ion: 105 Resp: 135135

Ion Ratio Lower Upper

105 100

120 51.3 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX013600.D (-1735) (-)

Ion 120.00 (119.70 to 120.70): VX013600.D (-1735) (-)

120000

100000

80000

60000

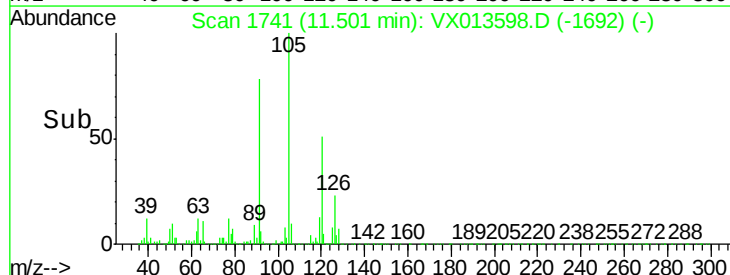
40000

20000

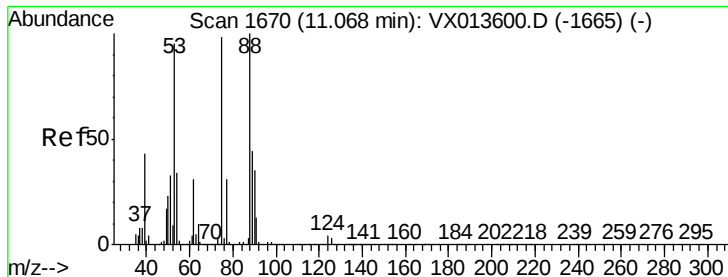
0

11.45 11.50 11.55

11.50



Time--> 11.45 11.50 11.55



#81

trans-1,4-Dichloro-2-butene

Concen: 4.702 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

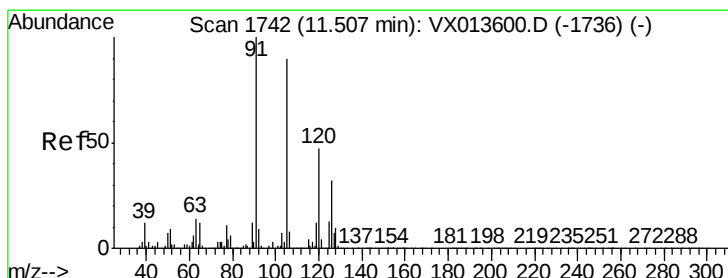
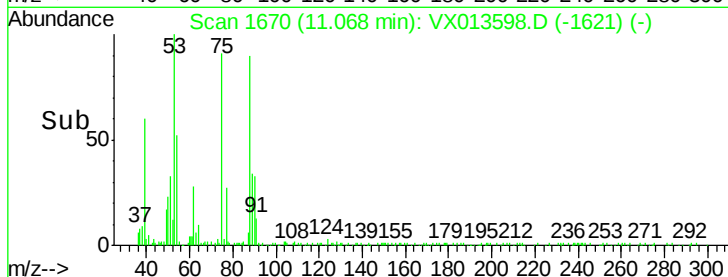
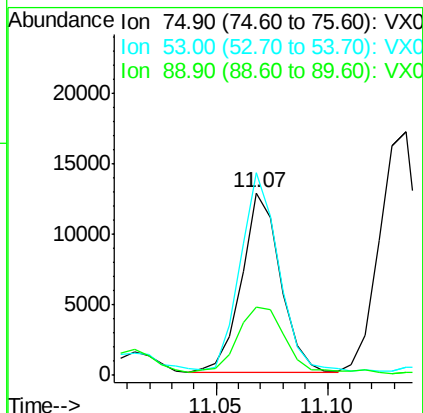
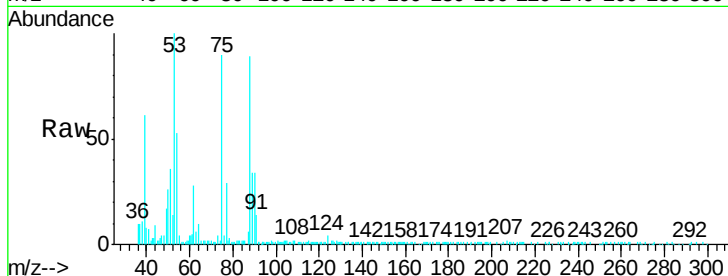
Tgt Ion: 75 Resp: 15461

Ion Ratio Lower Upper

75 100

53 107.7 78.2 117.2

89 46.2 35.4 53.2



#82

4-Chlorotoluene

Concen: 5.804 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX013598.D

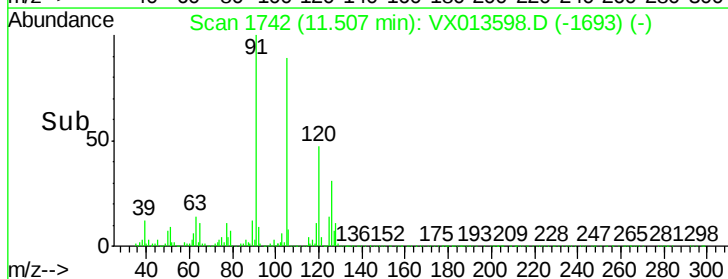
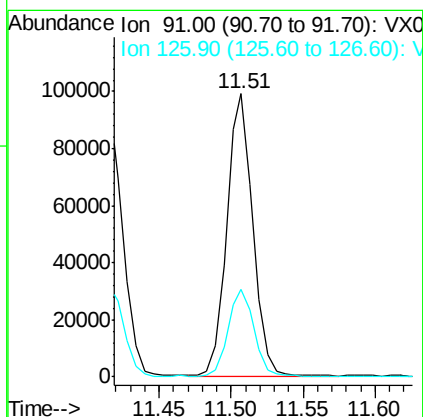
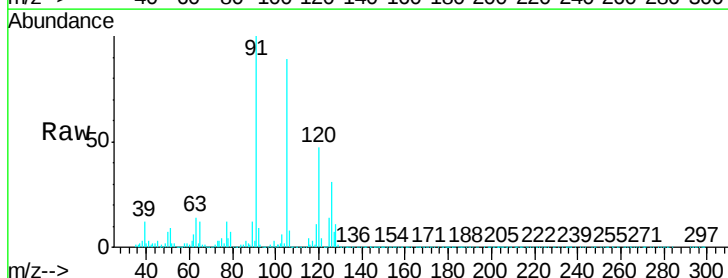
Acq: 26 Nov 2019 13:55

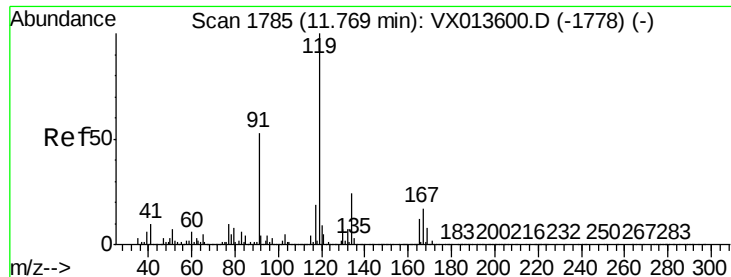
Tgt Ion: 91 Resp: 125909

Ion Ratio Lower Upper

91 100

126 30.9 15.7 47.0

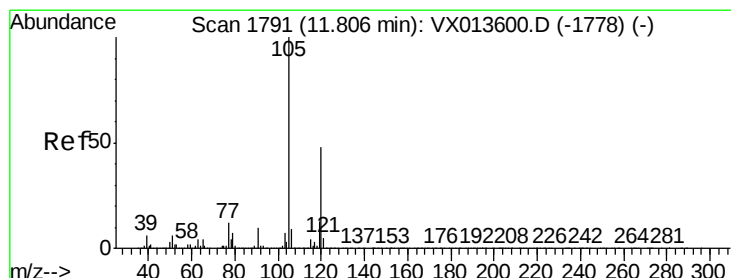
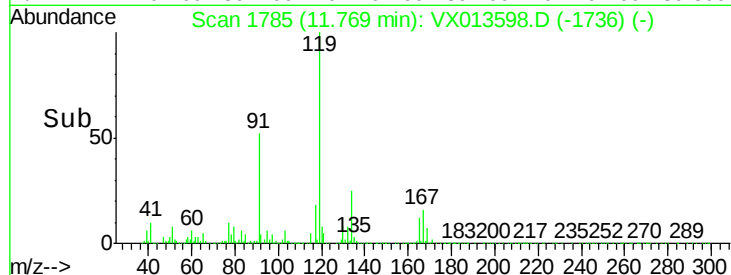
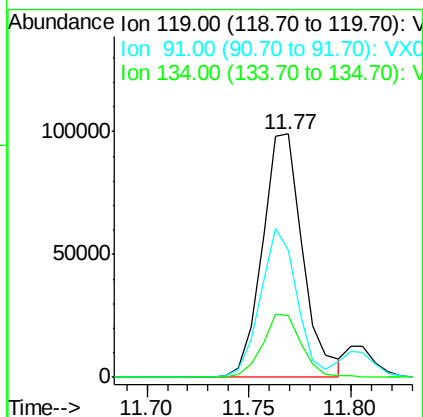
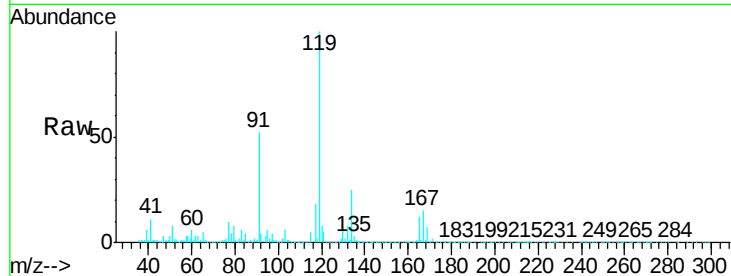




#83
tert-Butylbenzene
Concen: 5.905 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

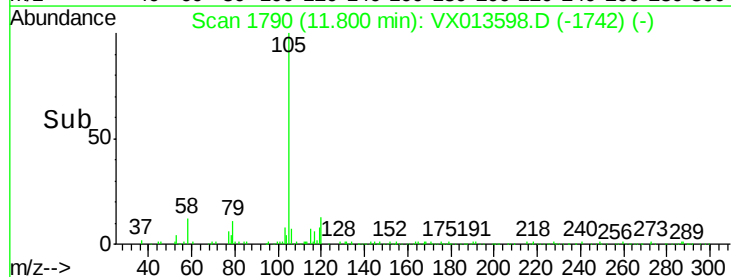
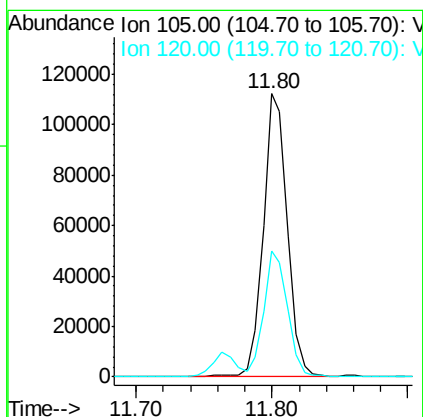
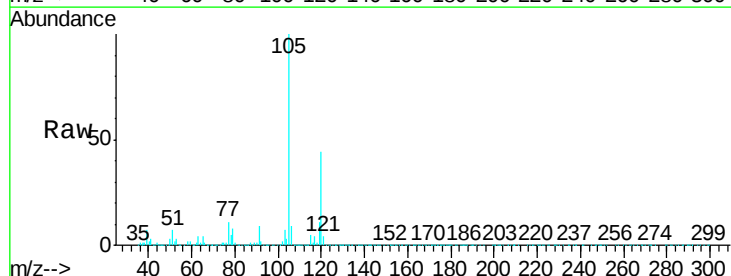
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

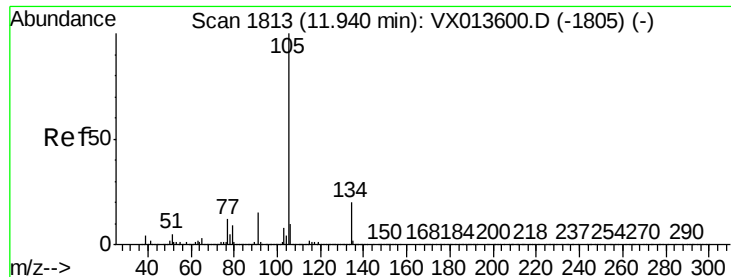
Tgt Ion:119 Resp: 136502
Ion Ratio Lower Upper
119 100
91 55.0 27.2 81.6
134 24.9 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 6.021 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion:105 Resp: 138793
Ion Ratio Lower Upper
105 100
120 43.9 23.1 69.3

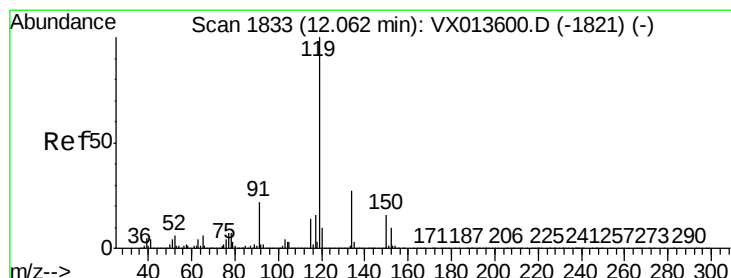
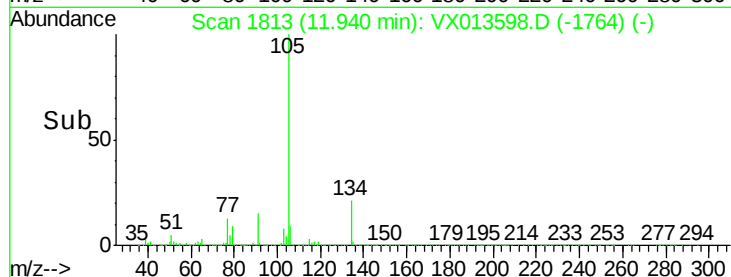
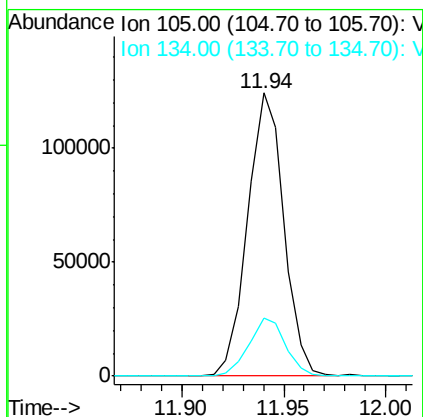
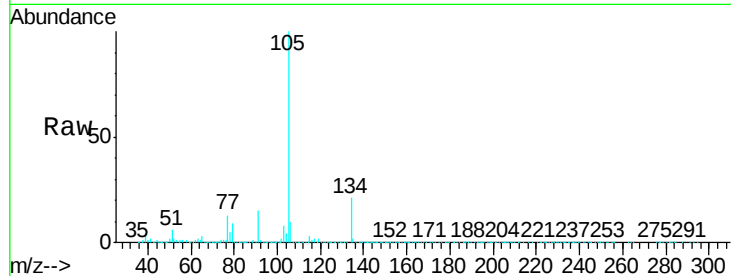




#85
 sec-Butylbenzene
 Concen: 5.740 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

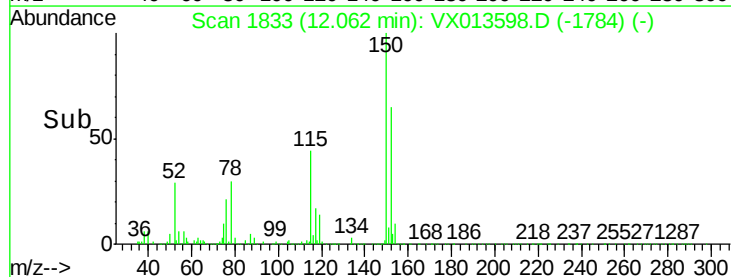
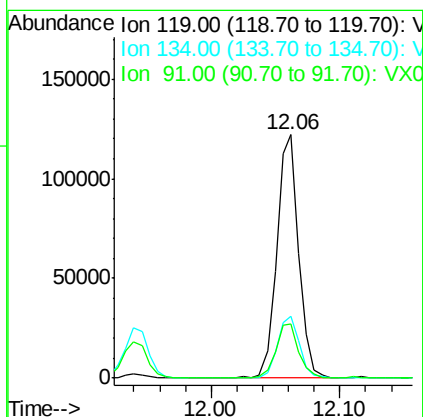
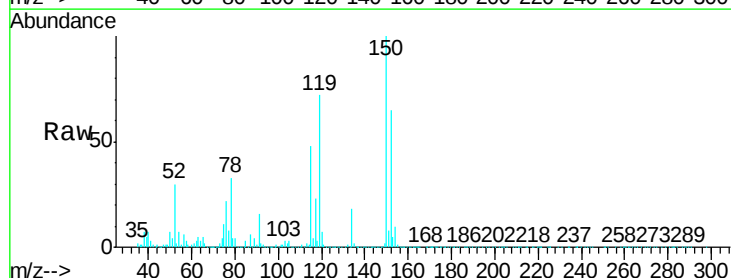
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

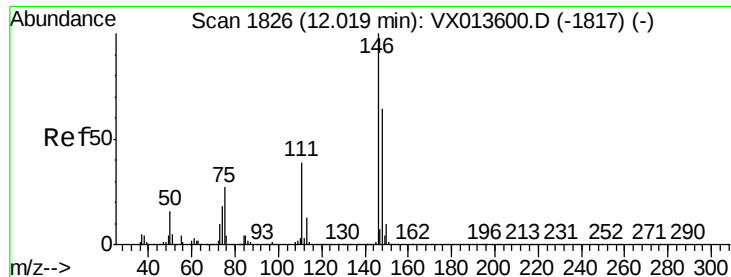
Tgt Ion:105 Resp: 152863
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 5.938 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion:119 Resp: 145465
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.9
 91 23.7 11.3 33.8





#87

1,3-Dichlorobenzene

Concen: 5.755 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

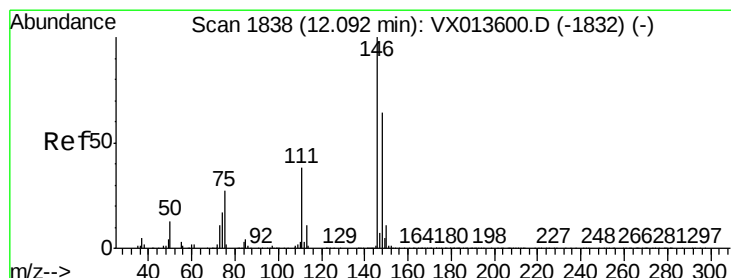
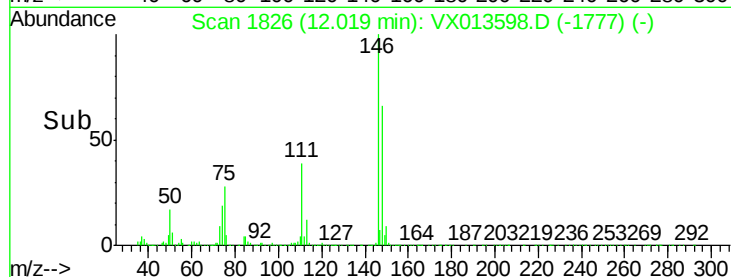
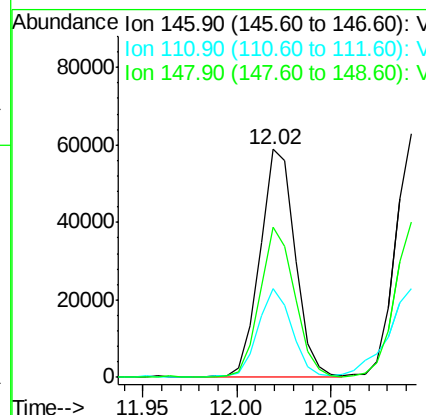
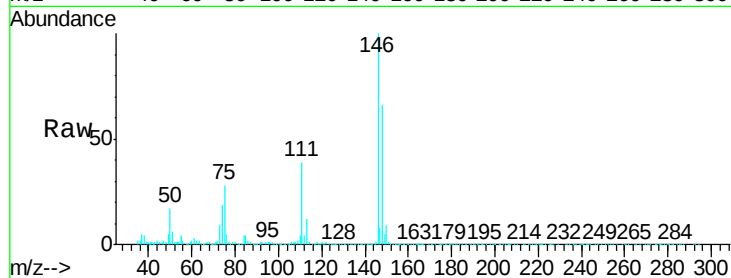
Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 75545

Ion	Ratio	Lower	Upper
146	100		
111	37.3	19.0	57.0
148	65.2	31.8	95.4



#88

1,4-Dichlorobenzene

Concen: 5.743 ug/l

RT: 12.09 min Scan# 1838

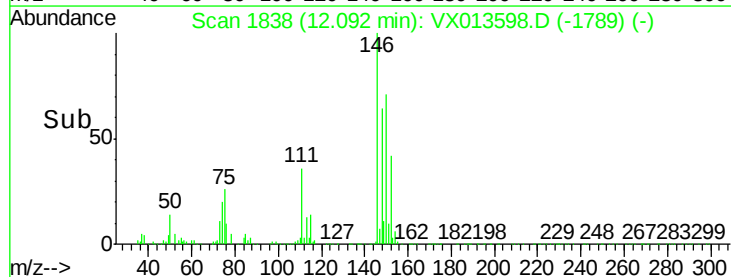
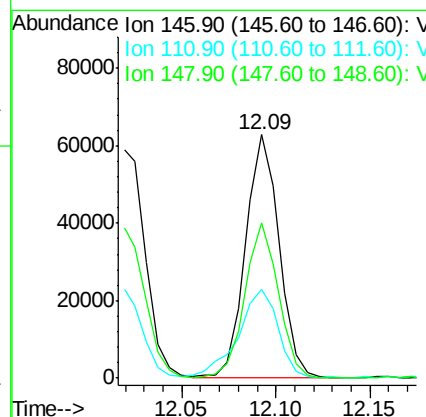
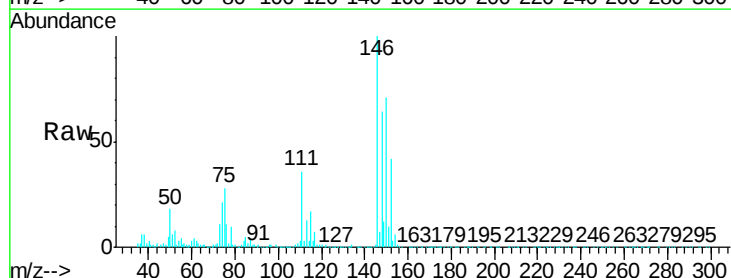
Delta R.T. -0.00 min

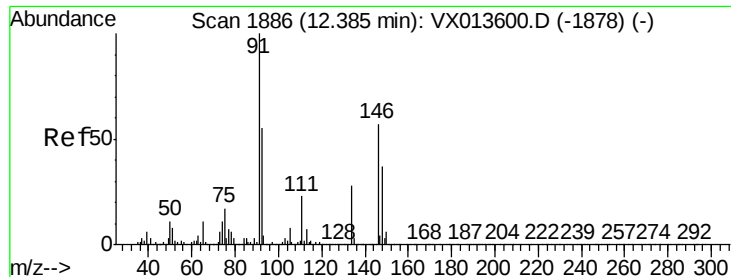
Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Tgt Ion:146 Resp: 76720

Ion	Ratio	Lower	Upper
146	100		
111	43.3	18.9	56.9
148	64.6	31.9	95.5

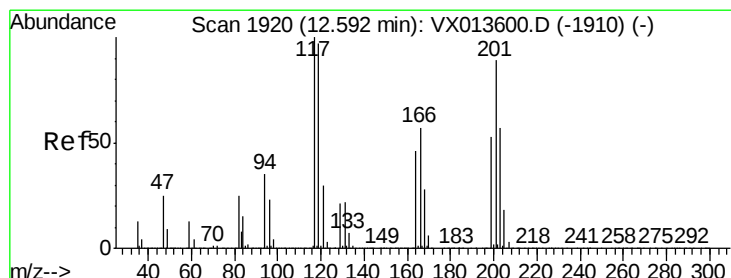
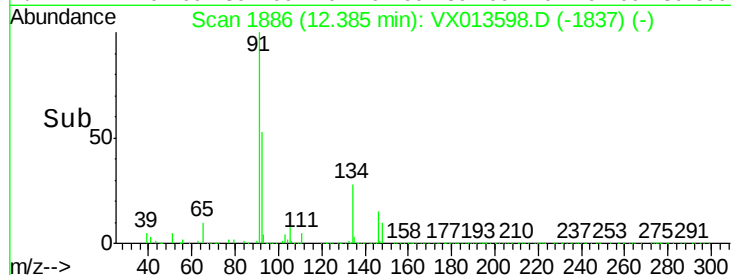
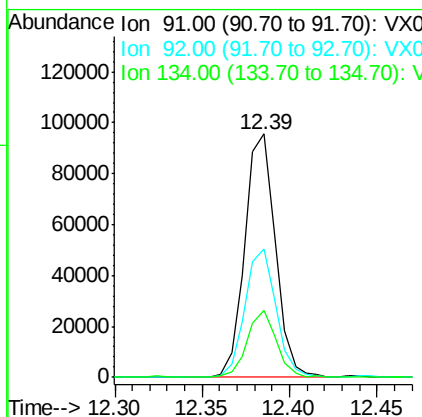
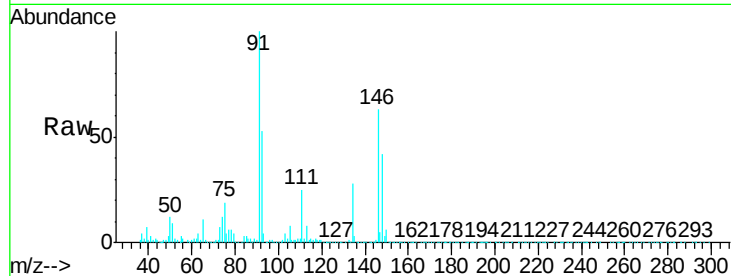




#89
n-Butylbenzene
Concen: 5.434 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

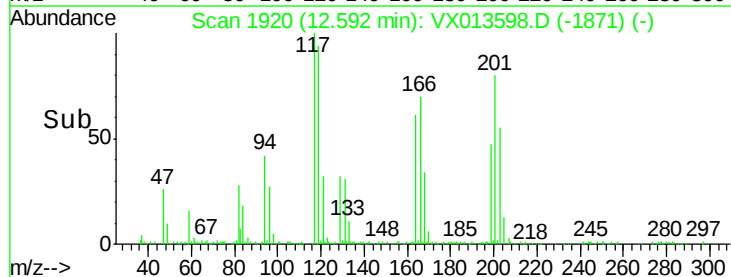
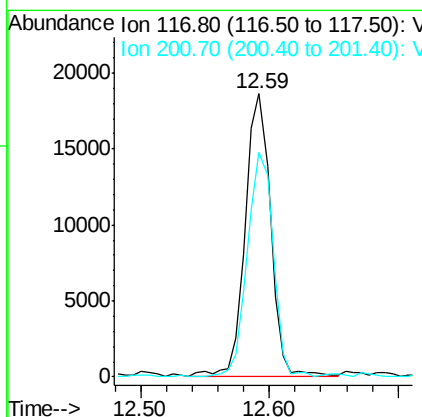
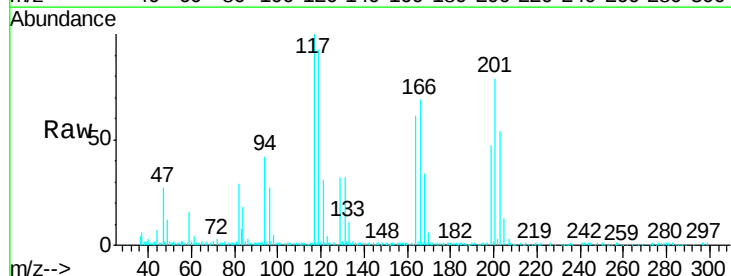
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

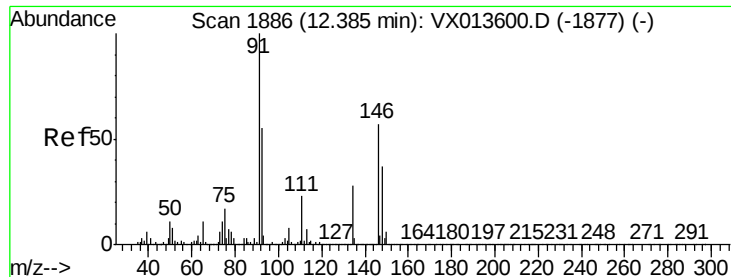
Tgt Ion: 91 Resp: 115785
Ion Ratio Lower Upper
91 100
92 53.3 27.4 82.2
134 26.6 13.5 40.4



#90
Hexachloroethane
Concen: 5.806 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX013598.D
Acq: 26 Nov 2019 13:55

Tgt Ion: 117 Resp: 25377
Ion Ratio Lower Upper
117 100
201 80.3 44.1 132.4

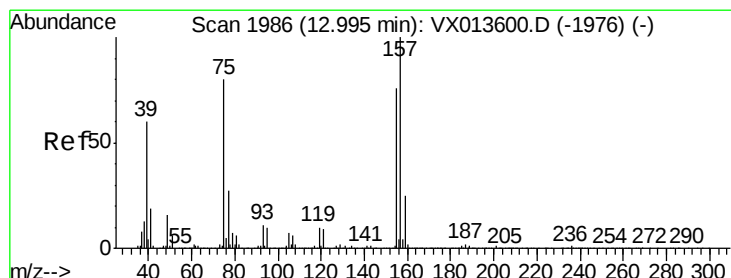
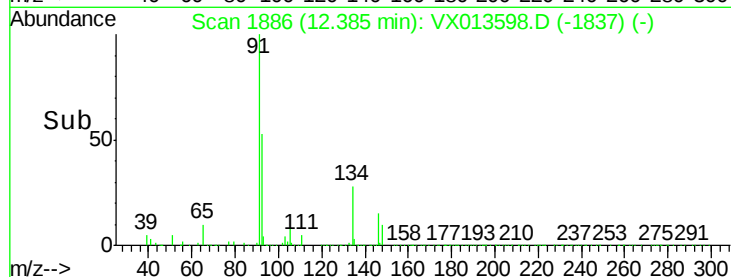
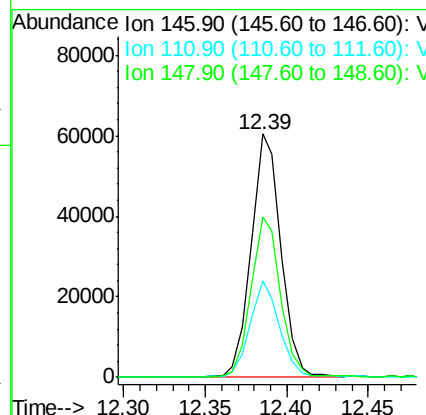
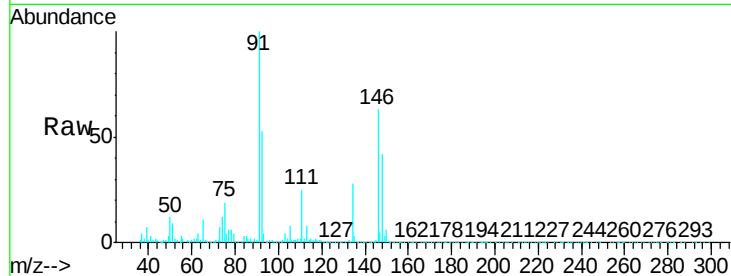




#91
 1,2-Dichlorobenzene
 Concen: 5.835 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

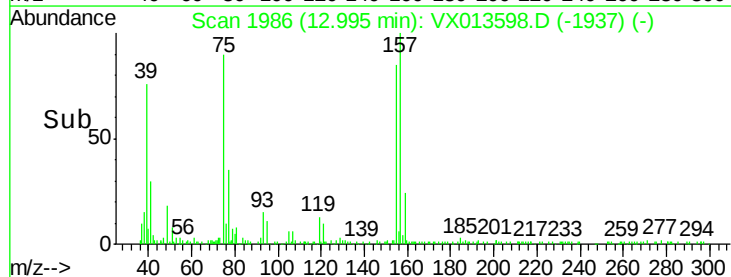
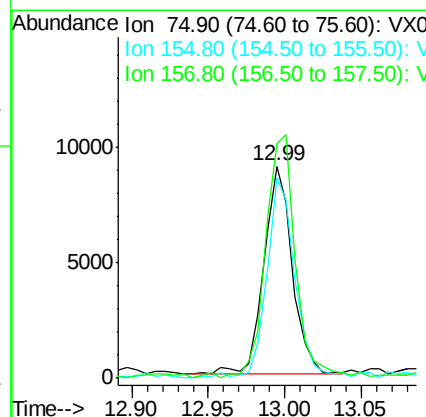
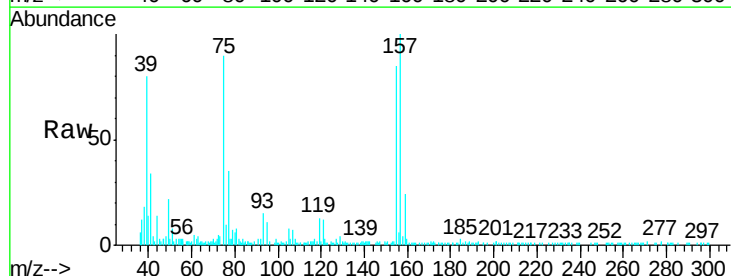
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

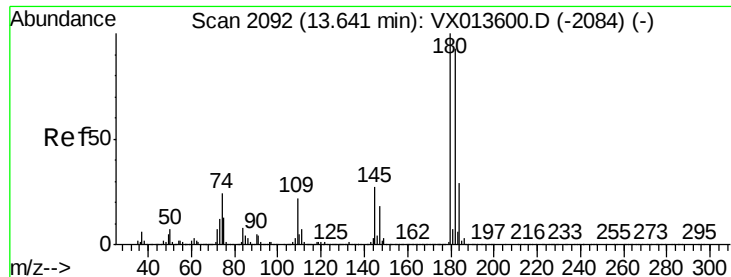
Tgt Ion: 146 Resp: 76608
 Ion Ratio Lower Upper
 146 100
 111 39.9 19.6 58.7
 148 64.5 31.9 95.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.837 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion: 75 Resp: 11726
 Ion Ratio Lower Upper
 75 100
 155 92.7 47.6 142.8
 157 124.9 62.1 186.2

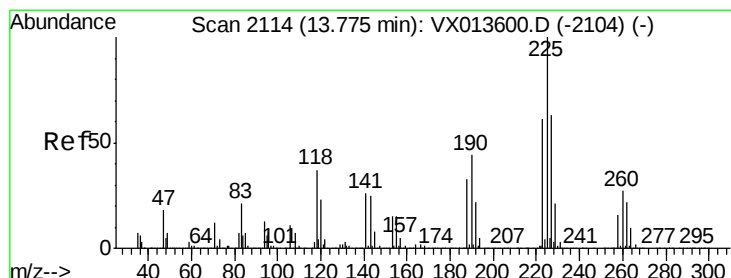
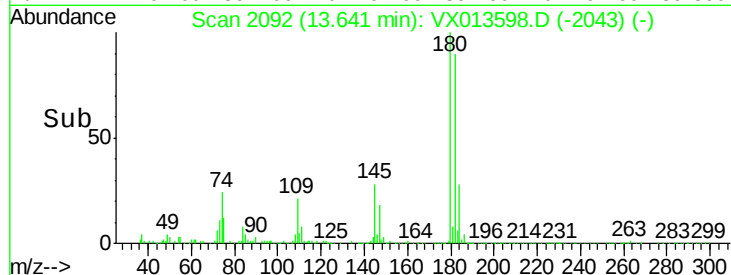
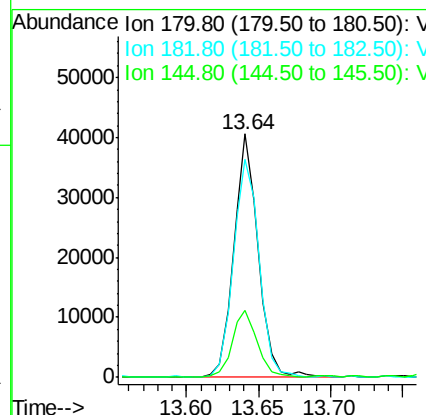
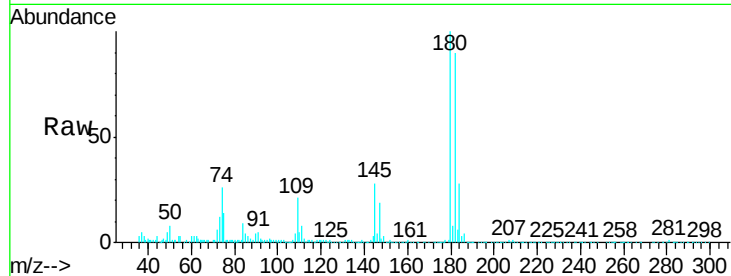




#93
 1,2,4-Trichlorobenzene
 Concen: 5.200 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

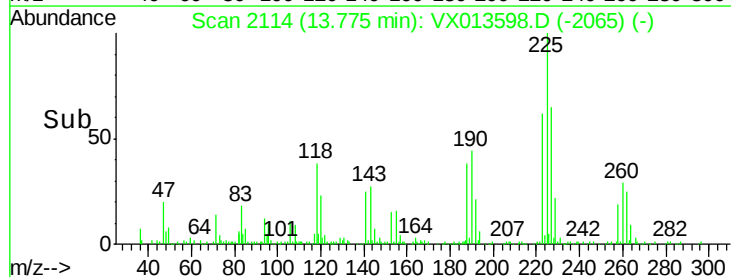
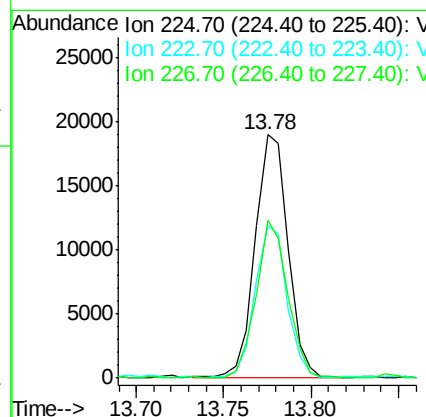
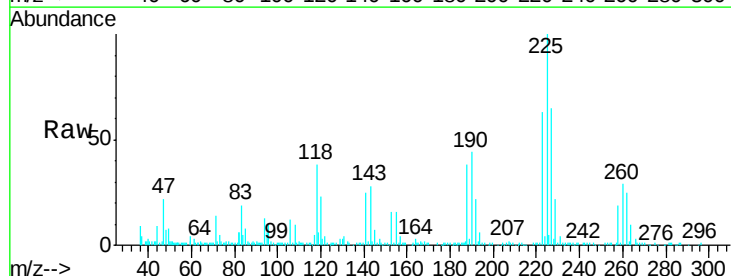
Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

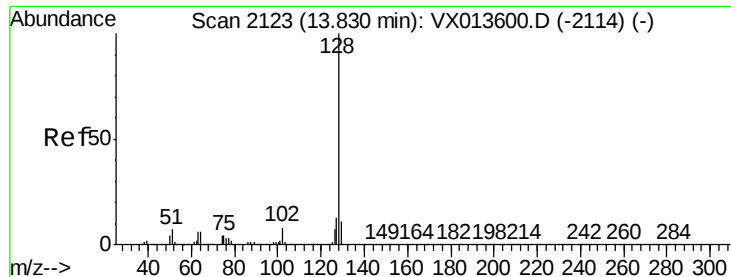
Tgt Ion:180 Resp: 47508
 Ion Ratio Lower Upper
 180 100
 182 95.2 47.2 141.6
 145 29.0 13.8 41.4



#94
 Hexachlorobutadiene
 Concen: 5.573 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX013598.D
 Acq: 26 Nov 2019 13:55

Tgt Ion:225 Resp: 24676
 Ion Ratio Lower Upper
 225 100
 223 60.2 31.9 95.5
 227 63.0 32.1 96.3





#95

Naphthalene

Concen: 4.983 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

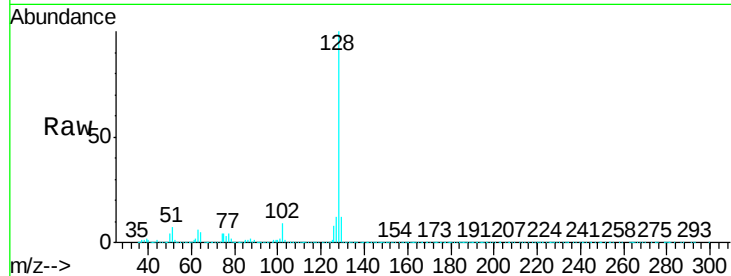
Tgt Ion:128 Resp: 141144

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

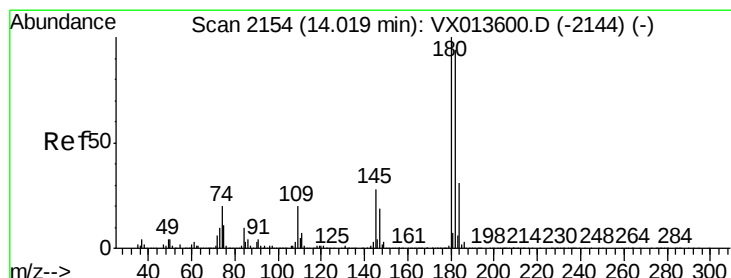
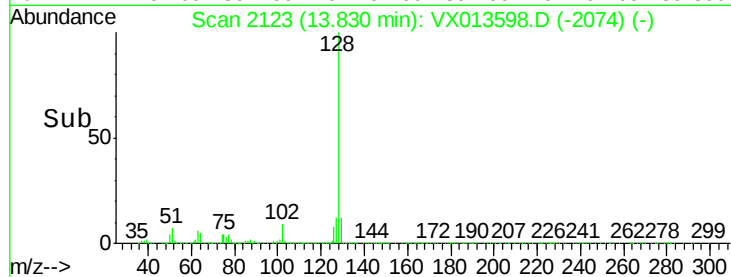
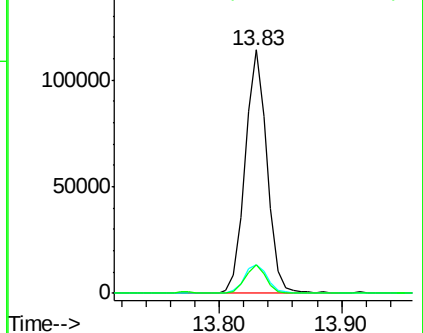
129 10.6 8.7 13.1



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



#96

1,2,3-Trichlorobenzene

Concen: 5.325 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. -0.01 min

Lab File: VX013598.D

Acq: 26 Nov 2019 13:55

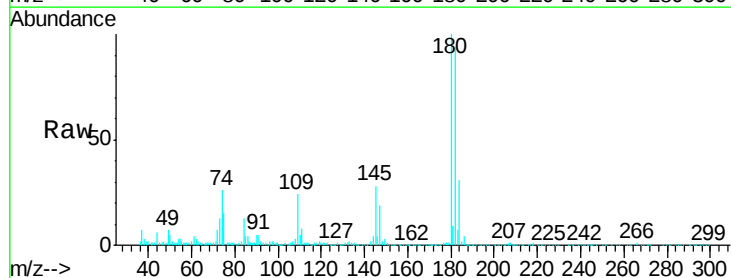
Tgt Ion:180 Resp: 48540

Ion Ratio Lower Upper

180 100

182 94.3 47.6 142.8

145 31.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

