

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012883.D
 Acq On : 08 Oct 2019 11:27
 Operator : JC/SP
 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 09 01:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	187952	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	314994	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	280084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	124152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	12392	4.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.20%	
35) Dibromofluoromethane	5.49	113	9225	4.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.78%	
50) Toluene-d8	8.71	98	37038	5.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.16%	
62) 4-Bromofluorobenzene	11.14	95	13666	4.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.54%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	9653	4.537	ug/l	95
3) Chloromethane	1.32	50	10777	4.485	ug/l	95
4) Vinyl Chloride	1.40	62	11054	4.611	ug/l	97
5) Bromomethane	1.63	94	4736	4.985	ug/l	94
6) Chloroethane	1.71	64	7631	4.760	ug/l	91
7) Trichlorofluoromethane	1.92	101	15022	4.472	ug/l	98
8) Diethyl Ether	2.18	74	6258	4.565	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	10112	4.915	ug/l	97
10) Methyl Iodide	2.50	142	5907	3.022	ug/l	99
11) Tert butyl alcohol	3.03	59	17837	26.530	ug/l	98
12) 1,1-Dichloroethene	2.36	96	9699	4.816	ug/l	92
13) Acrolein	2.28	56	11473	30.948	ug/l	100
14) Allyl chloride	2.72	41	17120	4.333	ug/l	99
15) Acrylonitrile	3.13	53	30565	22.346	ug/l	99
16) Acetone	2.44	43	33090	23.204	ug/l	97
17) Carbon Disulfide	2.56	76	25111	4.440	ug/l	100
18) Methyl Acetate	2.76	43	15746	4.673	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	34277	4.534	ug/l	99
20) Methylene Chloride	2.84	84	11598	4.747	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	10487	4.708	ug/l	88
22) Diisopropyl ether	3.84	45	34635	4.534	ug/l #	87
23) Vinyl Acetate	3.81	43	140897	21.103	ug/l	99
24) 1,1-Dichloroethane	3.69	63	18670	4.487	ug/l	99
25) 2-Butanone	4.66	43	45934	22.511	ug/l	92
26) 2,2-Dichloropropane	4.57	77	15626	4.243	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	11760	4.551	ug/l	95
28) Bromochloromethane	5.00	49	5921	4.011	ug/l	97
29) Tetrahydrofuran	5.12	42	26197	21.030	ug/l	97
30) Chloroform	5.20	83	19397	4.545	ug/l	97
31) Cyclohexane	5.57	56	17738	4.697	ug/l	91
32) 1,1,1-Trichloroethane	5.48	97	16148	4.292	ug/l	98
36) 1,1-Dichloropropene	5.79	75	14048	4.603	ug/l	97
37) Ethyl Acetate	4.83	43	14713	4.175	ug/l #	95
38) Carbon Tetrachloride	5.77	117	13218	4.303	ug/l	94

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 Sample : VSTDIC005
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Quant Time: Oct 09 01:20:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:14:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	17478	4.738	ug/l	99
40) Benzene	6.14	78	43070	4.809	ug/l	96
41) Methacrylonitrile	5.03	41	8809	4.473	ug/l	97
42) 1,2-Dichloroethane	6.19	62	15141	4.491	ug/l	98
43) Isopropyl Acetate	6.44	43	25405	4.321	ug/l	98
44) Trichloroethene	7.21	130	11639	5.048	ug/l	97
45) 1,2-Dichloropropane	7.51	63	11001	4.798	ug/l	98
46) Dibromomethane	7.66	93	6954	4.461	ug/l	97
47) Bromodichloromethane	7.89	83	12705	4.098	ug/l	98
48) Methyl methacrylate	7.76	41	12024	4.269	ug/l	99
49) 1,4-Dioxane	7.74	88	6186	95.573	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	82196	22.644	ug/l	98
52) Toluene	8.78	92	27372	4.865	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	13488	3.929	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	16607	4.424	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	10442	4.669	ug/l	94
56) Ethyl methacrylate	9.17	69	16713	4.460	ug/l	98
57) 1,3-Dichloropropane	9.37	76	18496	4.729	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	35736	21.385	ug/l	99
59) 2-Hexanone	9.49	43	63362	22.851	ug/l	100
60) Dibromochloromethane	9.58	129	9126	4.027	ug/l	97
61) 1,2-Dibromoethane	9.67	107	11175	4.801	ug/l	100
64) Tetrachloroethene	9.33	164	10054	5.077	ug/l	89
65) Chlorobenzene	10.14	112	29009	4.906	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	10134	4.731	ug/l	93
67) Ethyl Benzene	10.25	91	51339	4.789	ug/l	100
68) m/p-Xylenes	10.36	106	38092	9.493	ug/l	100
69) o-Xylene	10.70	106	18667	4.801	ug/l	100
70) Styrene	10.71	104	31039	4.757	ug/l	99
71) Bromoform	10.85	173	5954	3.969	ug/l #	99
73) Isopropylbenzene	11.01	105	49022	4.845	ug/l	100
74) N-amyl acetate	10.89	43	20358	4.288	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	16704	5.014	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	17727	5.582	ug/l	80
77) Bromobenzene	11.25	156	11754	5.114	ug/l	99
78) n-propylbenzene	11.35	91	52256	4.611	ug/l	99
79) 2-Chlorotoluene	11.42	91	34043	4.805	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	40729	4.803	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	3732	3.309	ug/l #	81
82) 4-Chlorotoluene	11.51	91	38247	4.732	ug/l	98
83) tert-Butylbenzene	11.76	119	39752	4.840	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	40263	4.697	ug/l	99
85) sec-Butylbenzene	11.94	105	45840	4.802	ug/l	99
86) p-Isopropyltoluene	12.06	119	41232	4.791	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	20497	4.937	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	20614	4.933	ug/l	94
89) n-Butylbenzene	12.39	91	33052	4.377	ug/l	98
90) Hexachloroethane	12.59	117	5908	3.873	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	21279	5.142	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	3689	4.463	ug/l	88

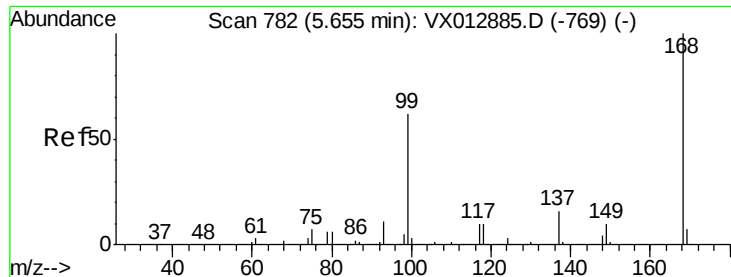
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012883.D
Acq On : 08 Oct 2019 11:27
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

Quant Time: Oct 09 01:20:50 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	11225	4.417	ug/l	92
94) Hexachlorobutadiene	13.78	225	5702	5.169	ug/l	97
95) Naphthalene	13.83	128	40420	4.440	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	12616	4.966	ug/l	94

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

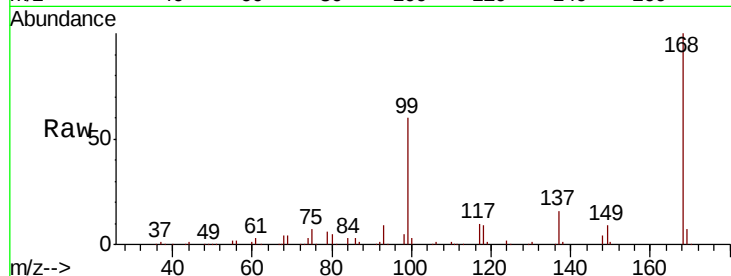
VSTDIC005

Tot Ion:168 Resp: 187952

Ion Ratio Lower Upper

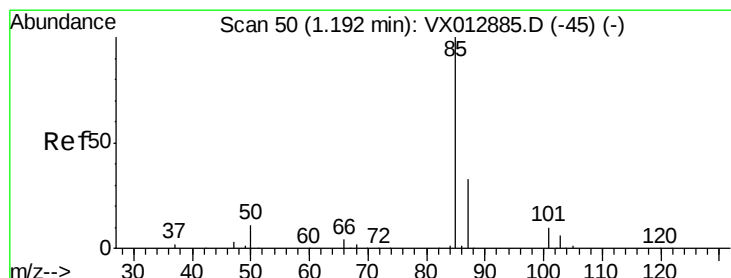
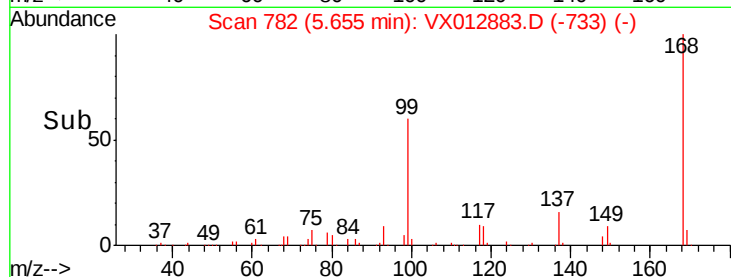
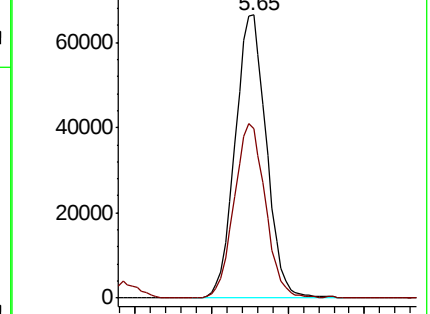
168 100

99 59.8 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 4.537 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.01 min

Lab File: VX012883.D

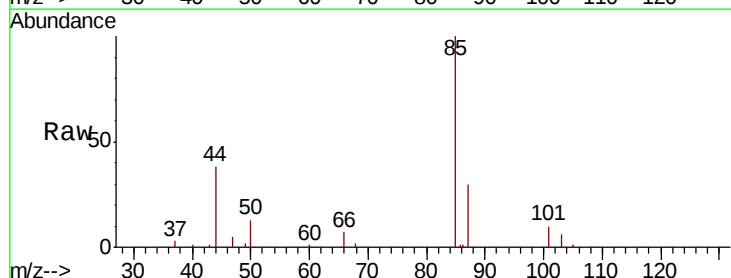
Acq: 08 Oct 2019 11:27

Tgt Ion: 85 Resp: 9653

Ion Ratio Lower Upper

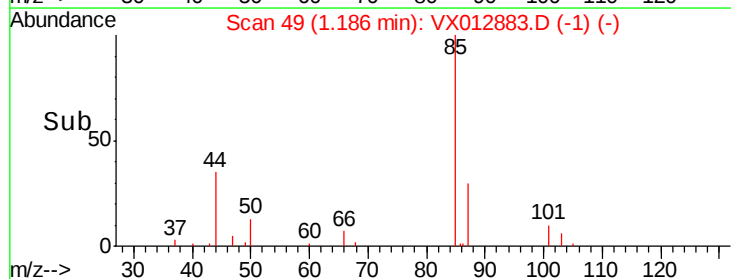
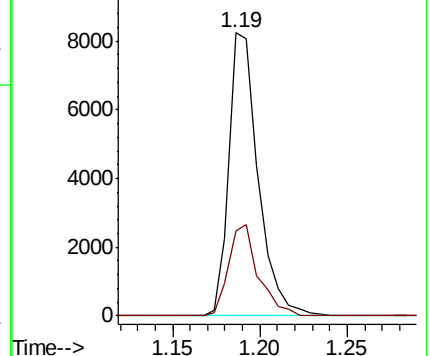
85 100

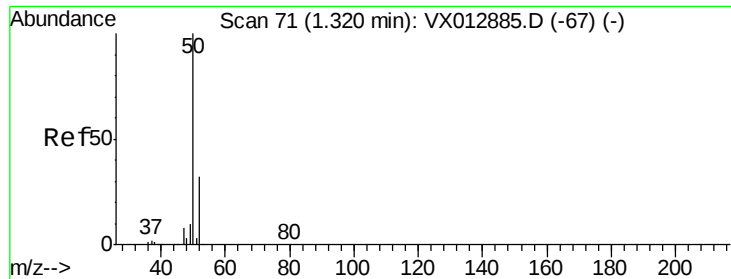
87 29.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 4.485 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

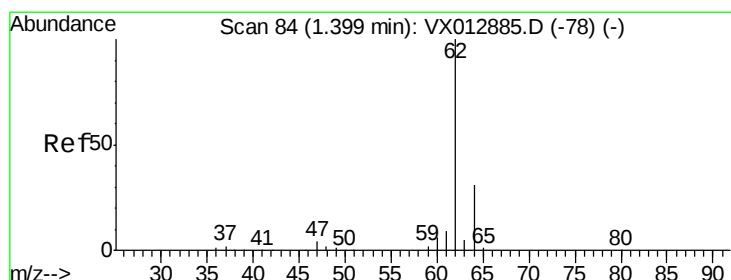
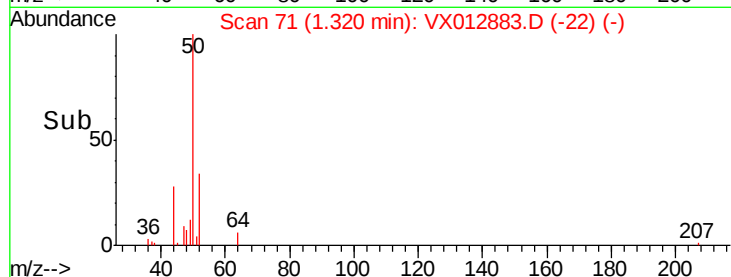
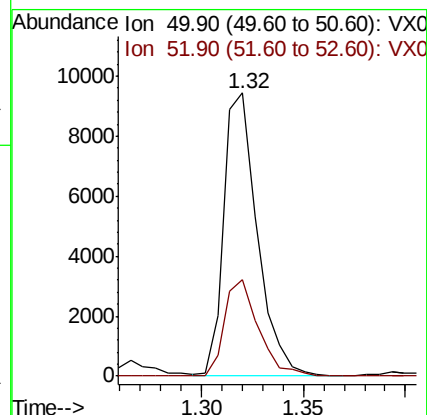
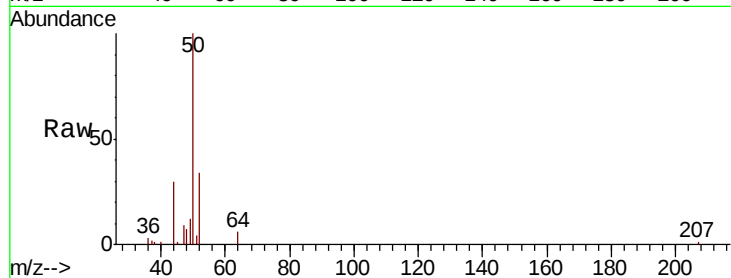
VSTDIC005

Tot Ion: 50 Resp: 10777

Ion Ratio Lower Upper

50 100

52 34.1 25.2 37.8



#4

Vinyl Chloride

Concen: 4.611 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012883.D

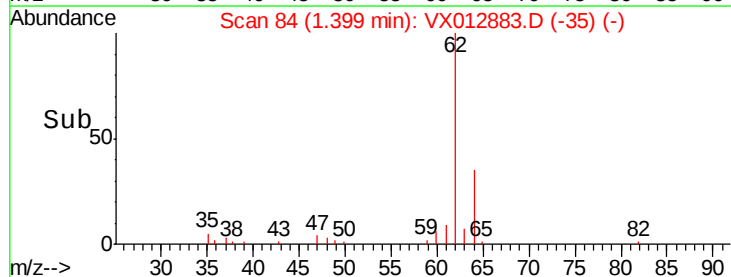
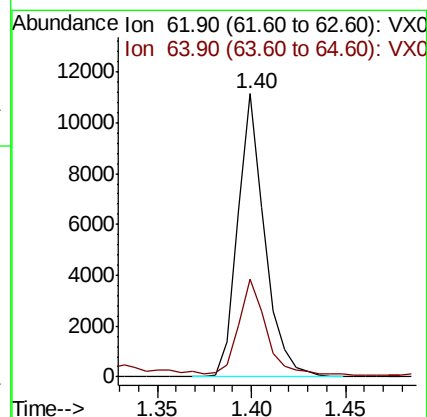
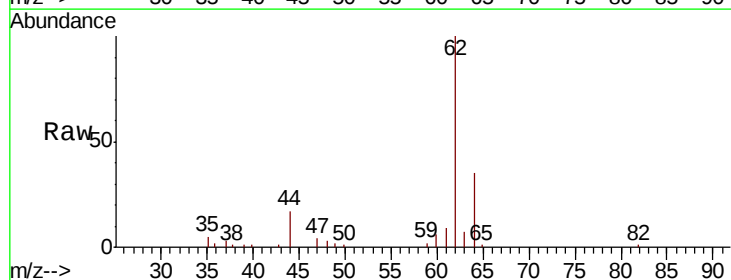
Acq: 08 Oct 2019 11:27

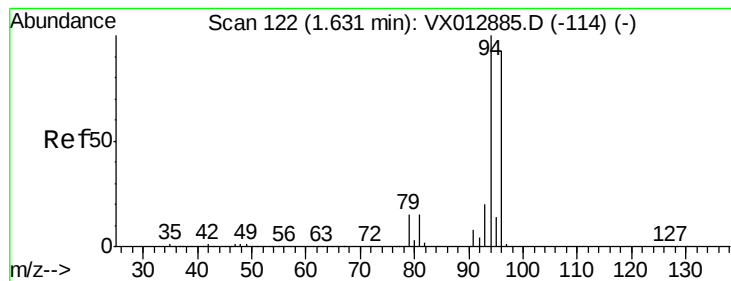
Tgt Ion: 62 Resp: 11054

Ion Ratio Lower Upper

62 100

64 33.5 25.3 37.9





#5

Bromomethane

Concen: 4.985 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

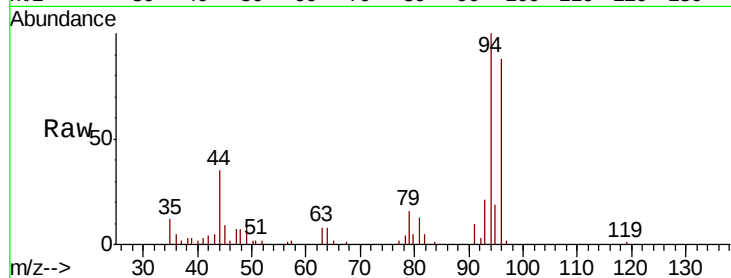
VSTDIC005

Tot Ion: 94 Resp: 4736

Ion Ratio Lower Upper

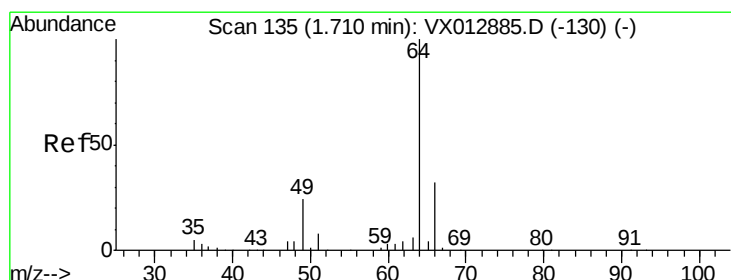
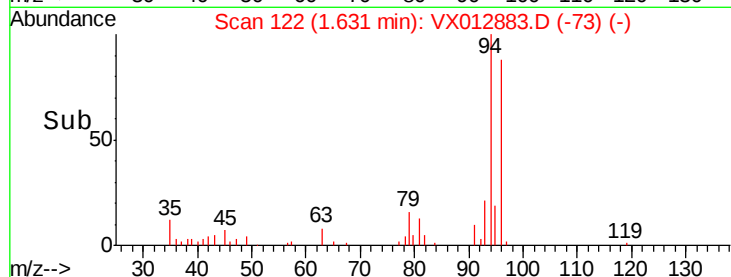
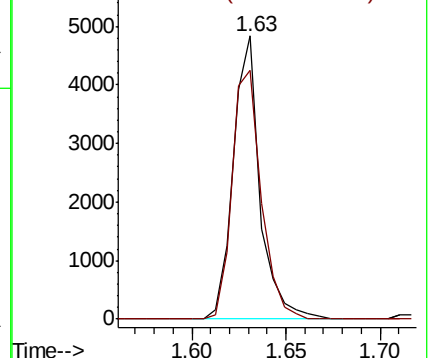
94 100

96 88.1 74.7 112.1



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 4.760 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012883.D

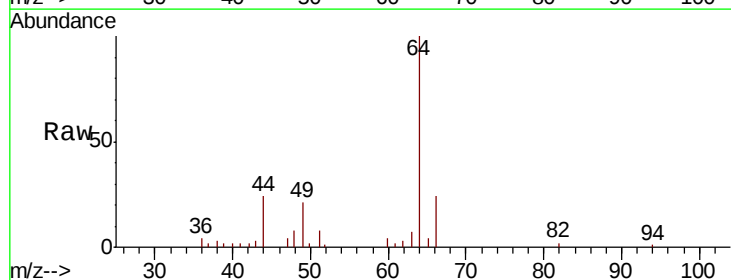
Acq: 08 Oct 2019 11:27

Tgt Ion: 64 Resp: 7631

Ion Ratio Lower Upper

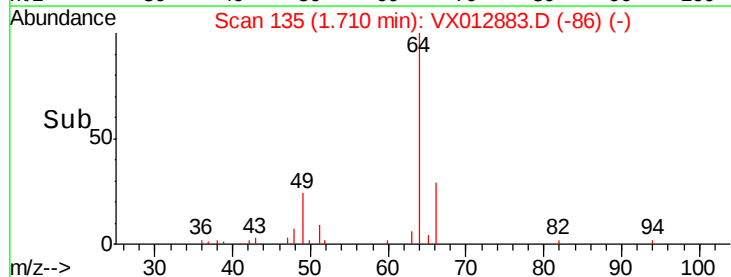
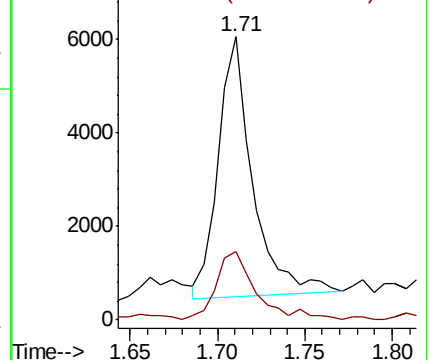
64 100

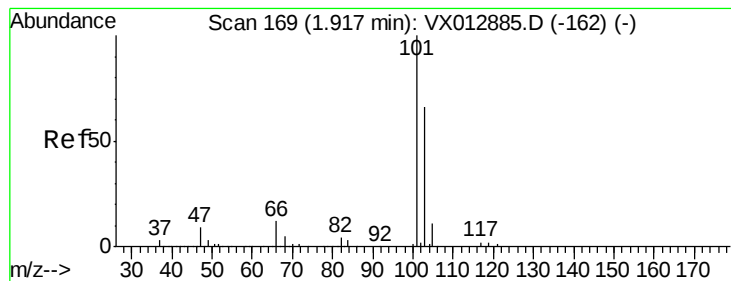
66 27.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



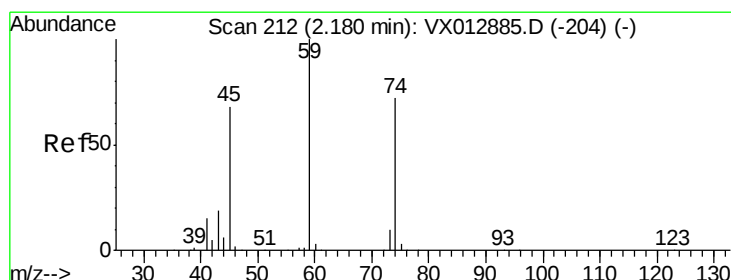
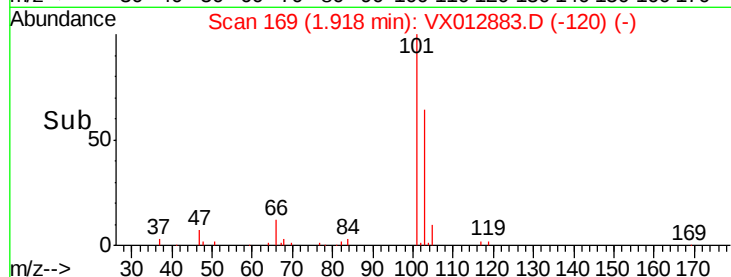
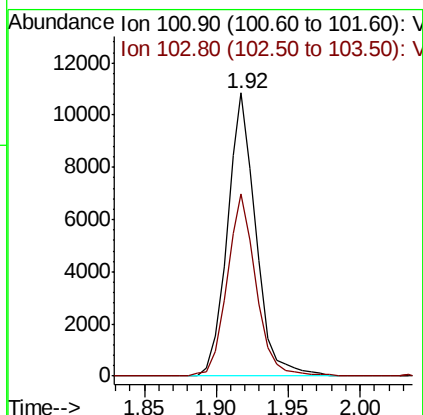
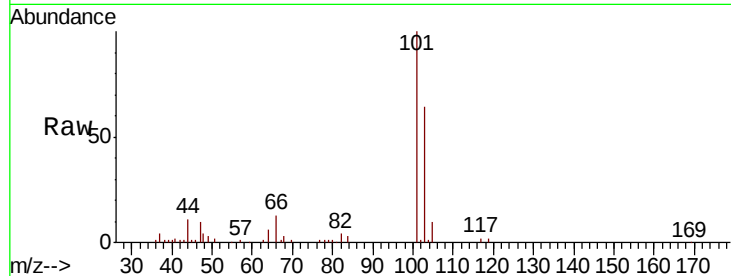


#7

Trichlorofluoromethane
 Concen: 4.472 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

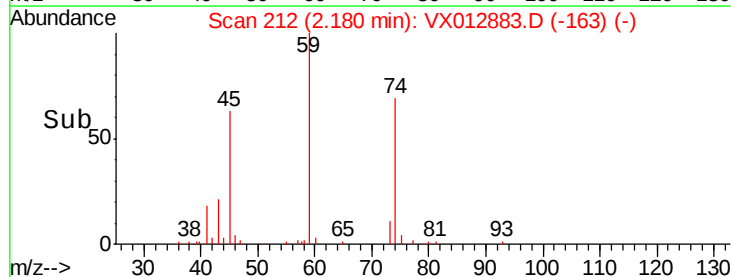
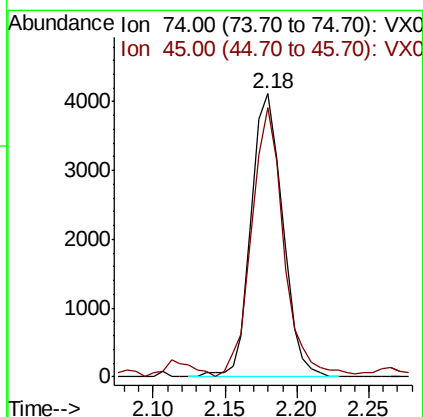
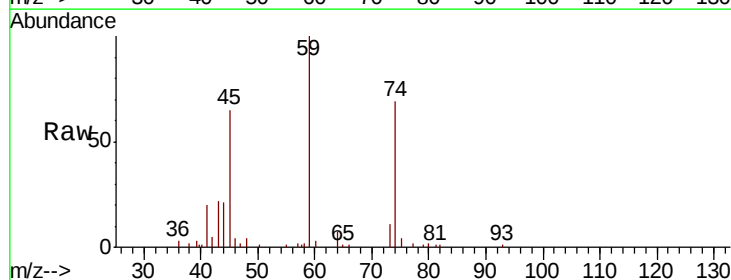
Tot Ion:101 Resp: 15022
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.5 78.7

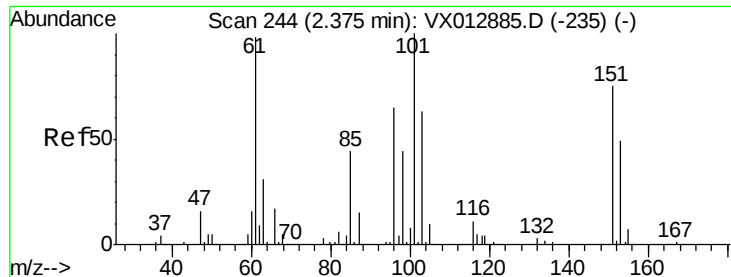


#8

Diethyl Ether
 Concen: 4.565 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 74 Resp: 6258
 Ion Ratio Lower Upper
 74 100
 45 97.2 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.915 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

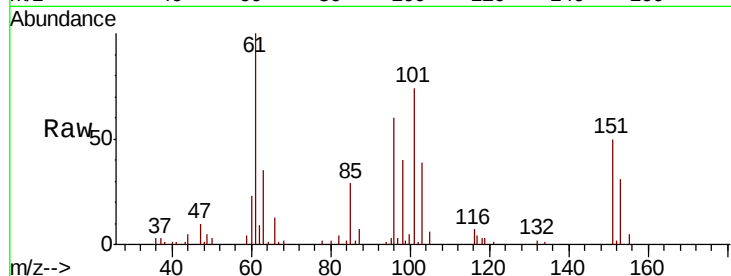
Tot Ion:101 Resp: 10112

Ion Ratio Lower Upper

101 100

85 42.5 35.2 52.8

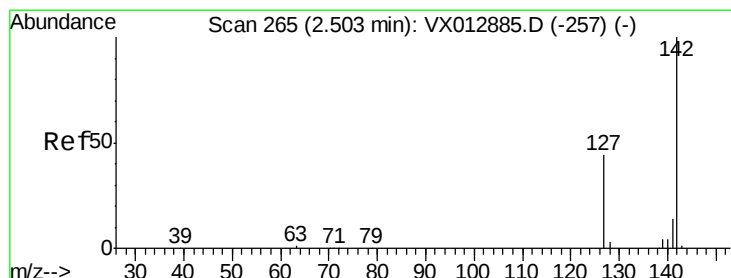
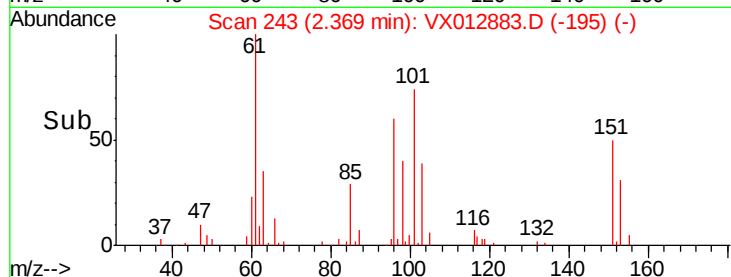
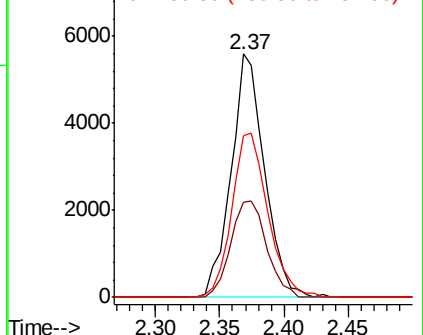
151 72.6 60.3 90.5



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: 3.022 ug/l

RT: 2.50 min Scan# 264

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

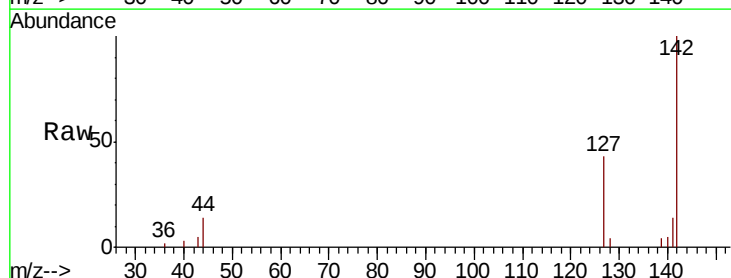
Tgt Ion:142 Resp: 5907

Ion Ratio Lower Upper

142 100

127 44.5 34.9 52.3

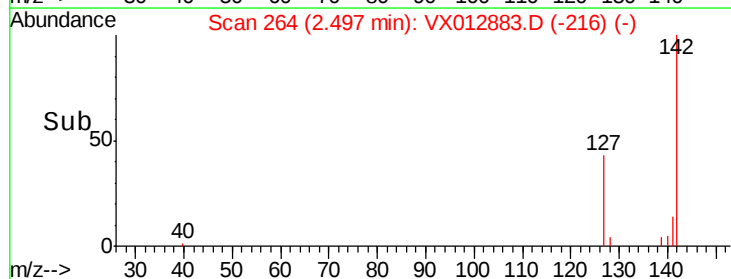
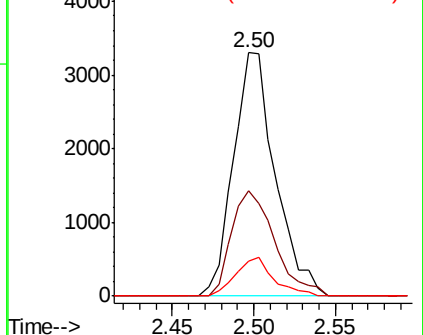
141 14.3 11.6 17.4

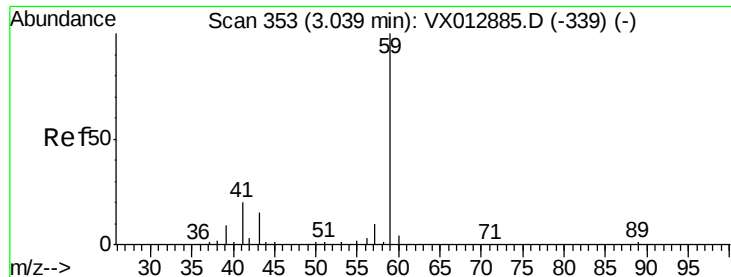


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



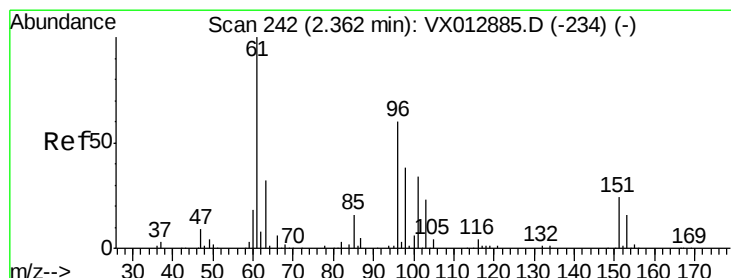
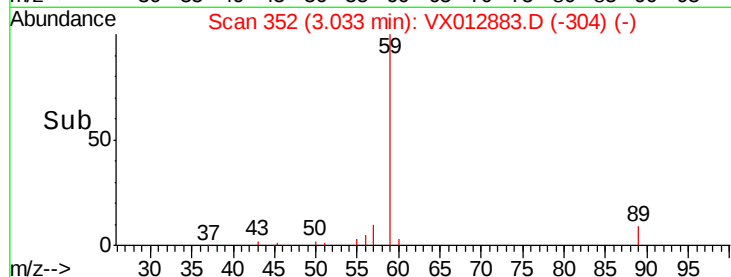
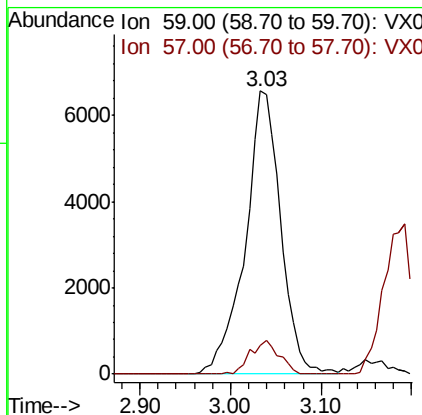
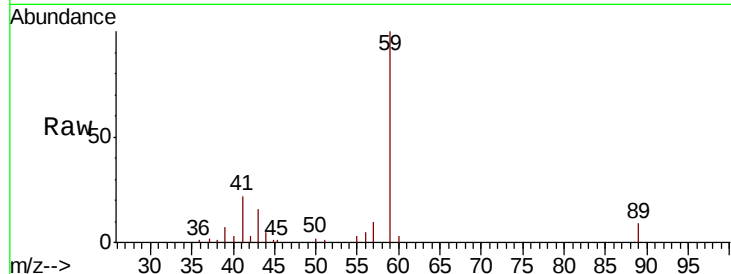


#11

Tert butyl alcohol
 Concen: 26.530 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.01 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

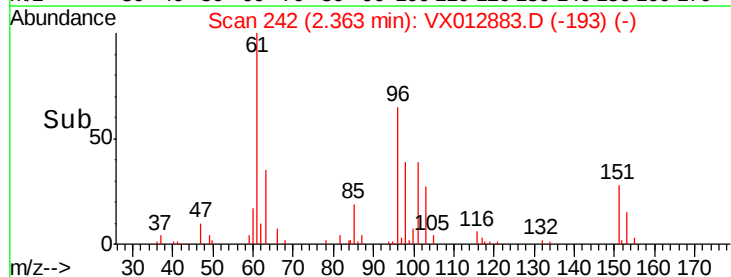
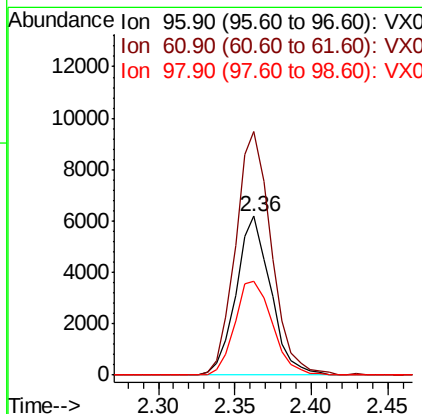
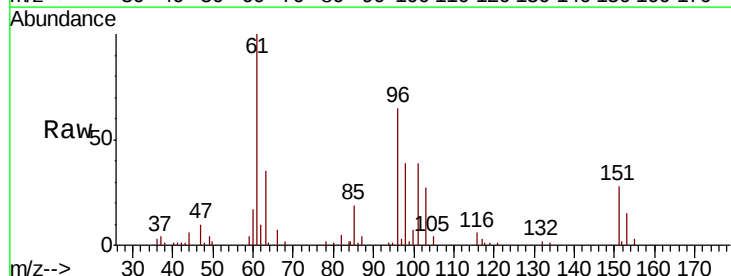
Tot Ion: 59 Resp: 17837
 Ion Ratio Lower Upper
 59 100
 57 9.7 8.3 12.5

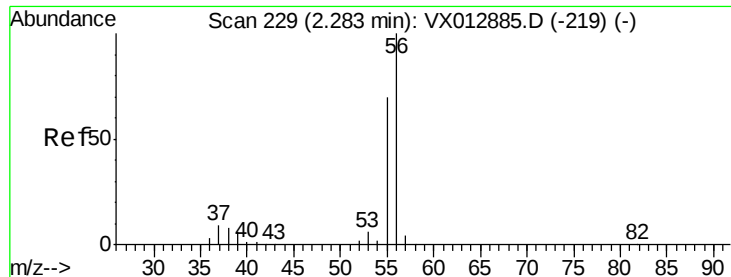


#12

1,1-Dichloroethene
 Concen: 4.816 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 96 Resp: 9699
 Ion Ratio Lower Upper
 96 100
 61 153.3 132.2 198.4
 98 59.2 50.5 75.7





#13

Acrolein

Concen: 30.948 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

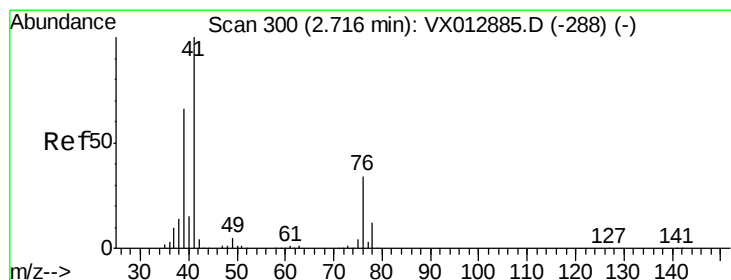
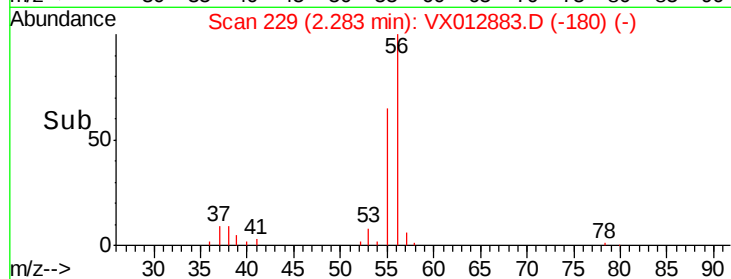
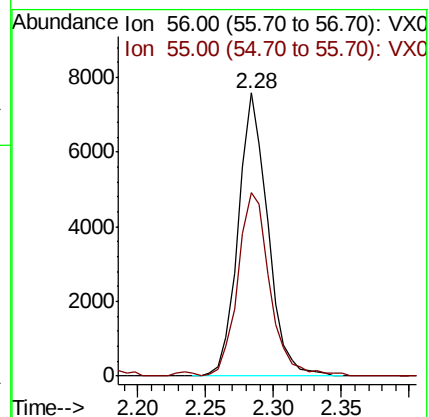
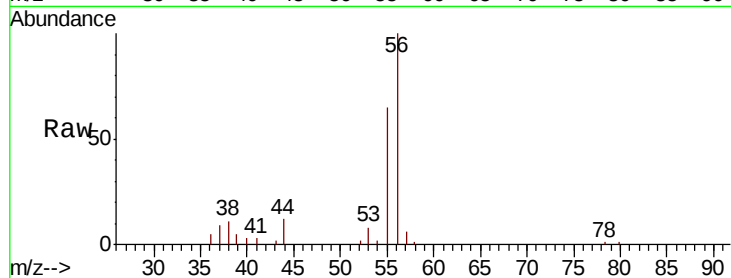
VSTDIC005

Tot Ion: 56 Resp: 11473

Ion Ratio Lower Upper

56 100

55 70.6 56.6 85.0



#14

Allyl chloride

Concen: 4.333 ug/l

RT: 2.72 min Scan# 300

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

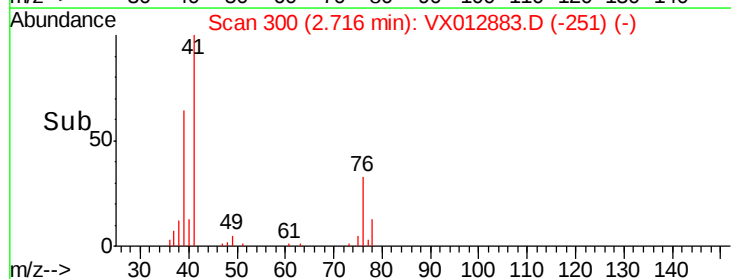
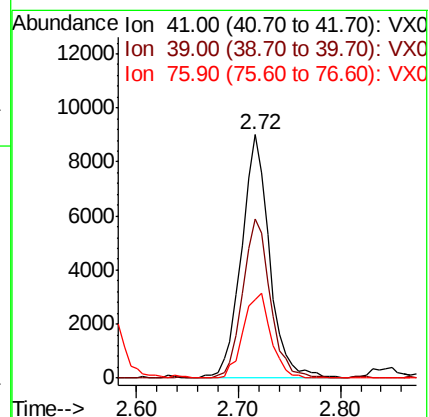
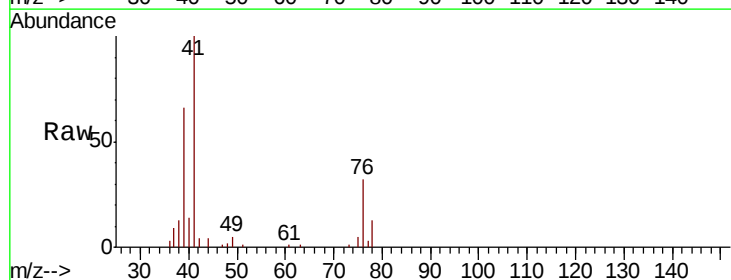
Tgt Ion: 41 Resp: 17120

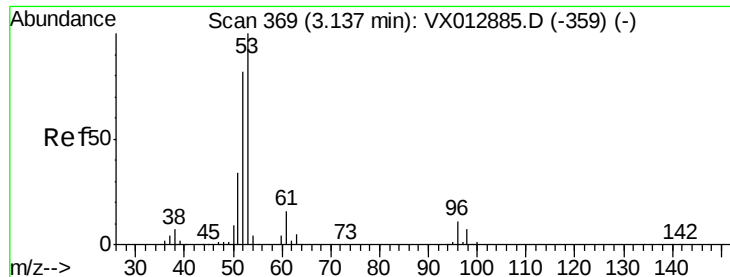
Ion Ratio Lower Upper

41 100

39 64.0 51.0 76.6

76 34.1 26.2 39.4





#15

Acrylonitrile

Concen: 22.346 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

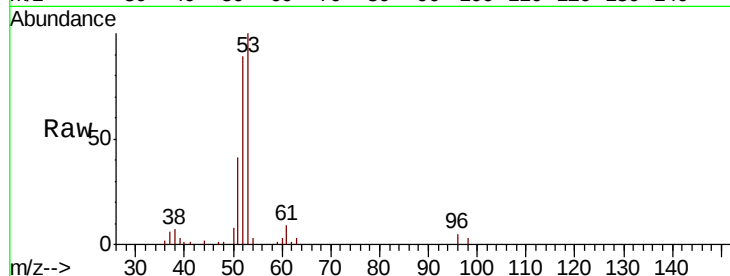
Tot Ion: 53 Resp: 30565

Ion Ratio Lower Upper

53 100

52 83.1 66.2 99.2

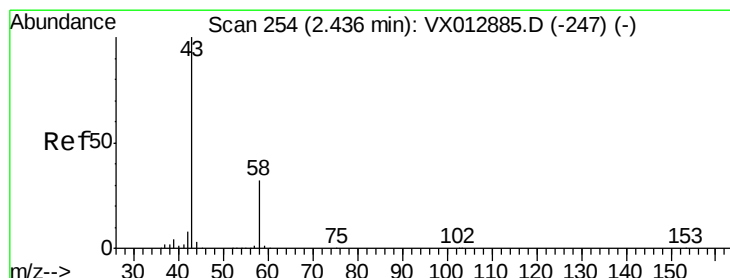
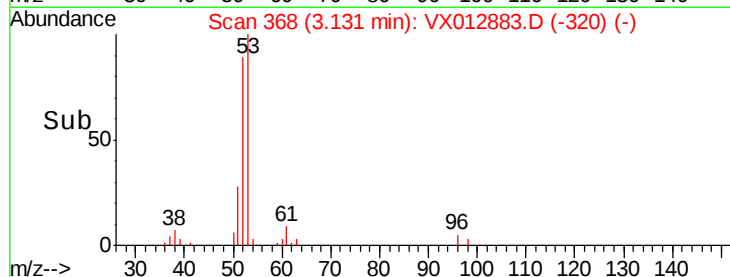
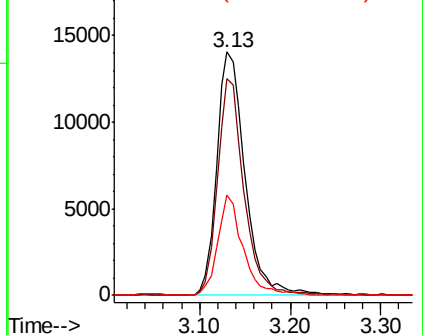
51 37.0 28.2 42.4



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: 23.204 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012883.D

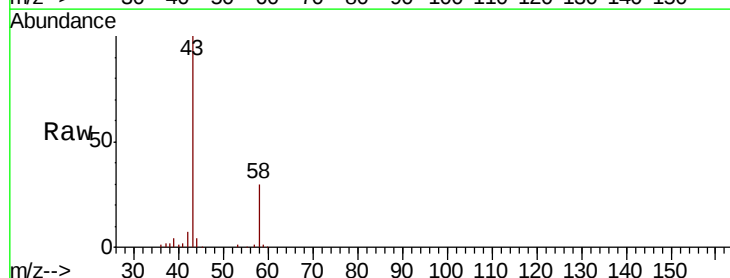
Acq: 08 Oct 2019 11:27

Tgt Ion: 43 Resp: 33090

Ion Ratio Lower Upper

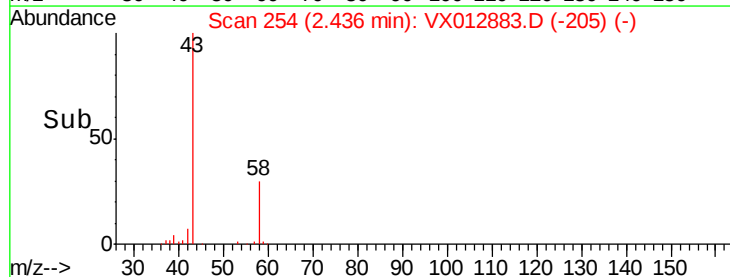
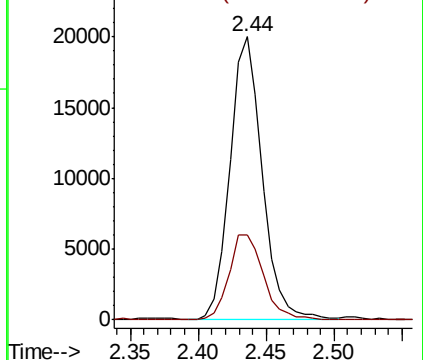
43 100

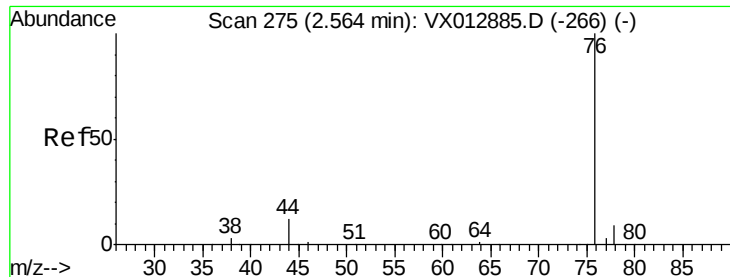
58 29.9 25.4 38.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

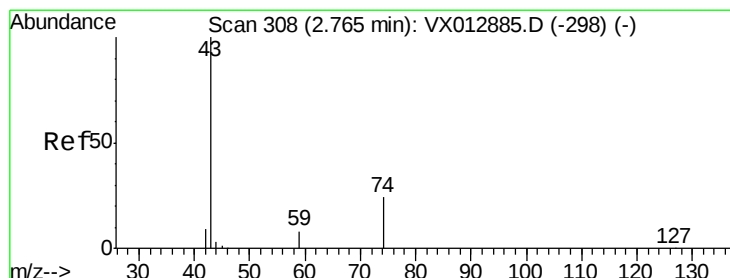
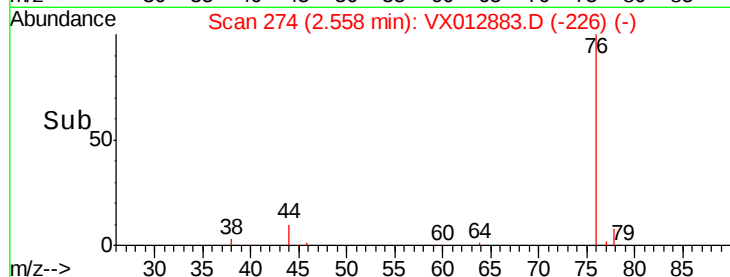
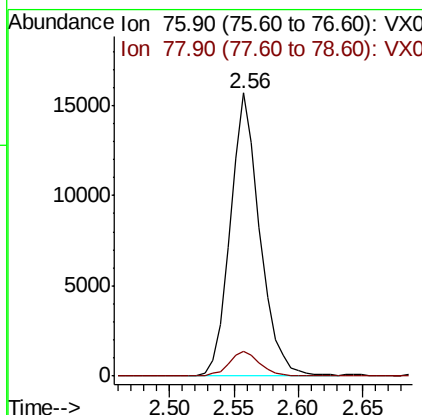
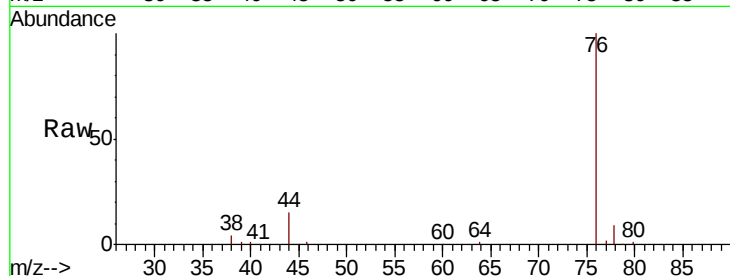




#17
Carbon Disulfide
Concen: 4.440 ug/l
RT: 2.56 min Scan# 274
Delta R.T. -0.01 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

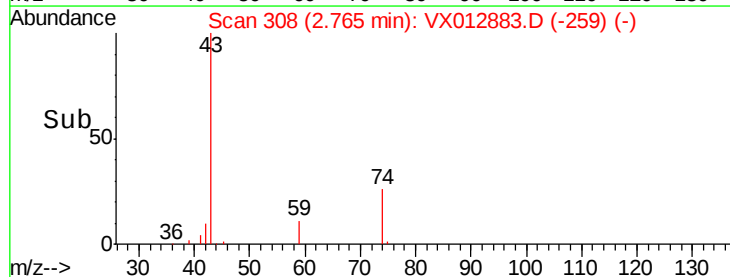
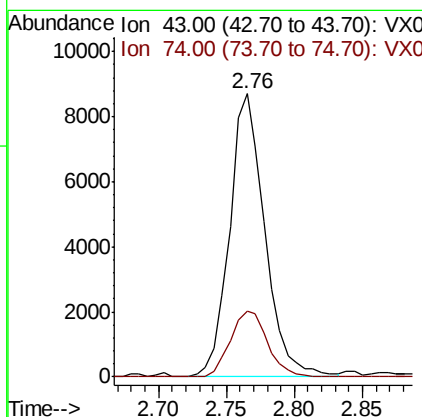
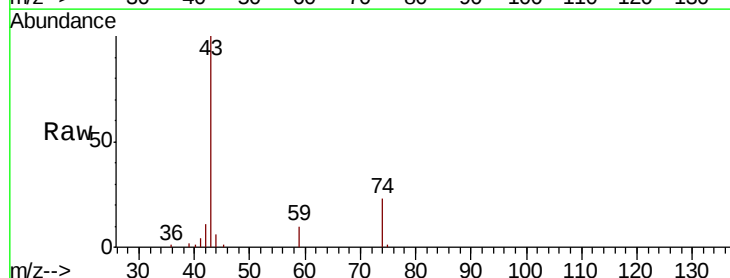
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

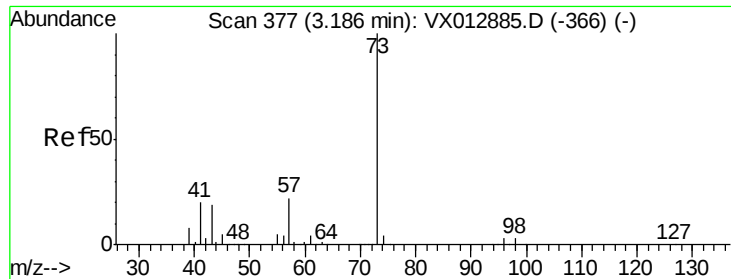
Tot Ion: 76 Resp: 25111
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 4.673 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 43 Resp: 15746
Ion Ratio Lower Upper
43 100
74 24.4 19.2 28.8

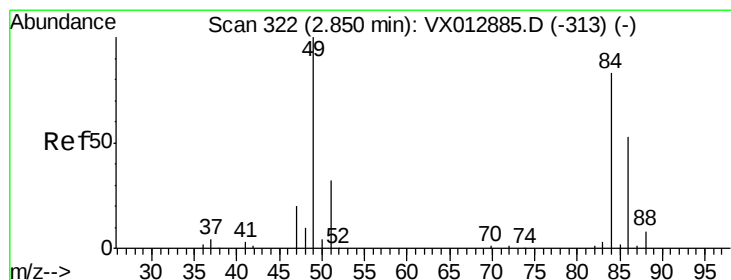
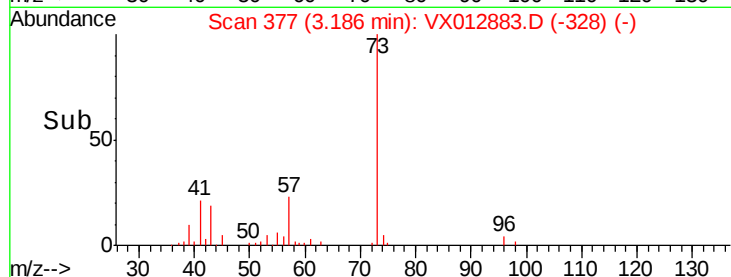
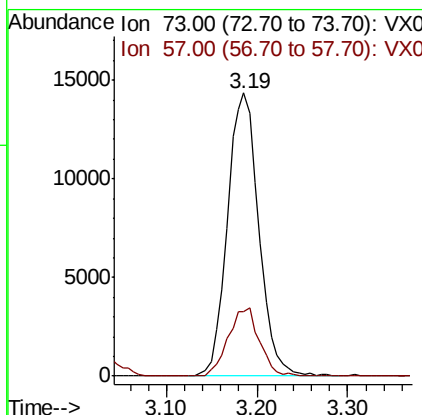
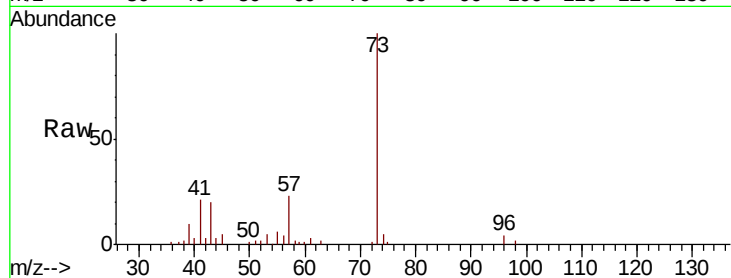




#19
Methyl tert-butyl Ether
Concen: 4.534 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

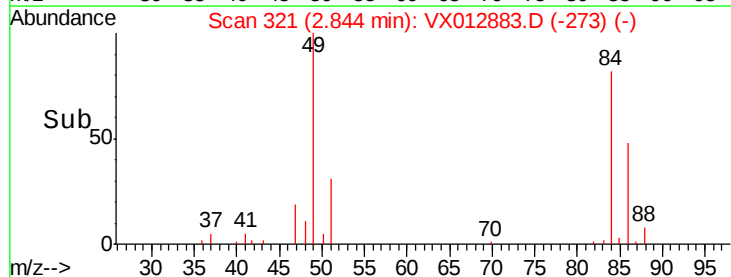
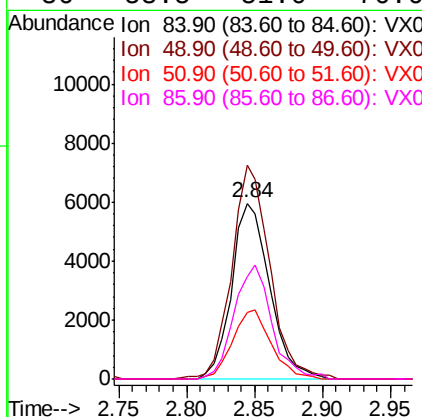
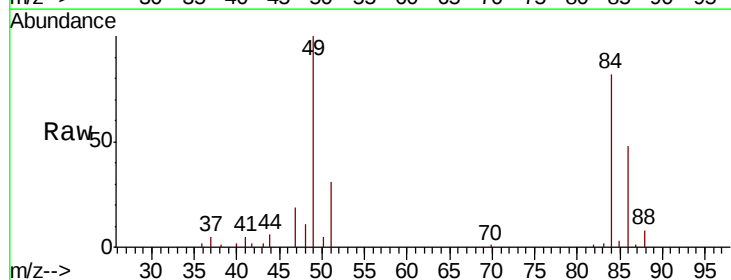
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

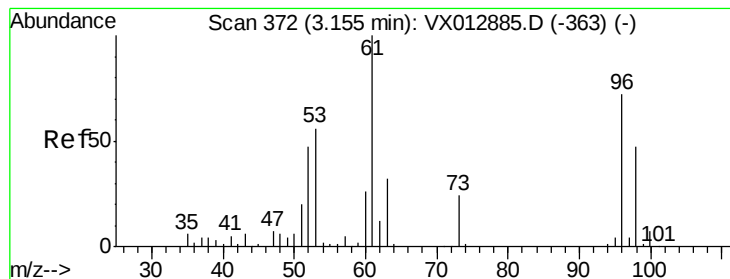
Tot Ion: 73 Resp: 34277
Ion Ratio Lower Upper
73 100
57 22.7 17.8 26.6



#20
Methylene Chloride
Concen: 4.747 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 84 Resp: 11598
Ion Ratio Lower Upper
84 100
49 121.6 96.6 144.8
51 38.1 30.7 46.1
86 58.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 4.708 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

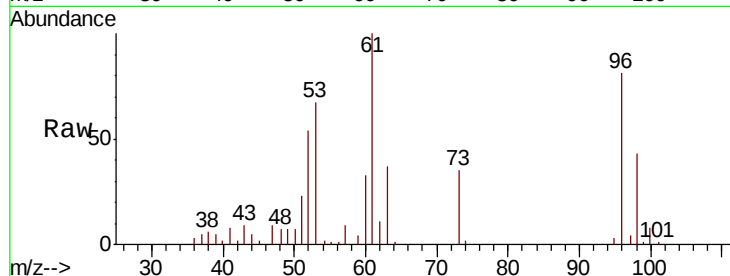
Tot Ion: 96 Resp: 10487

Ion Ratio Lower Upper

96 100

61 124.2 110.4 165.6

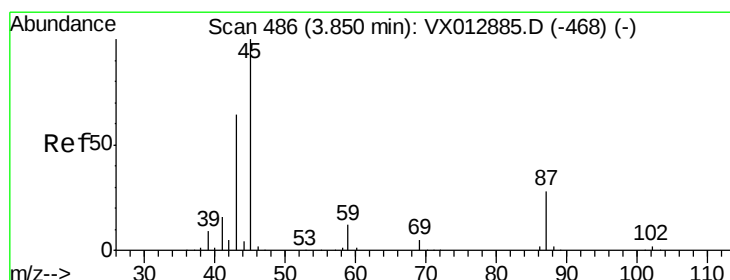
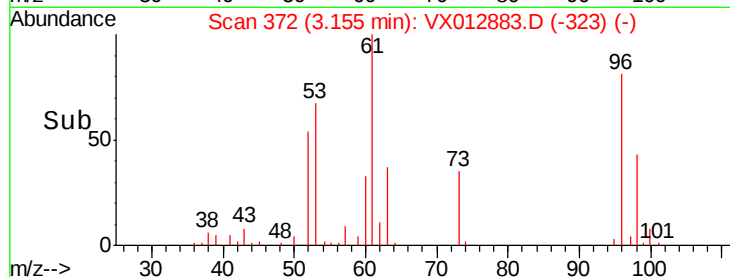
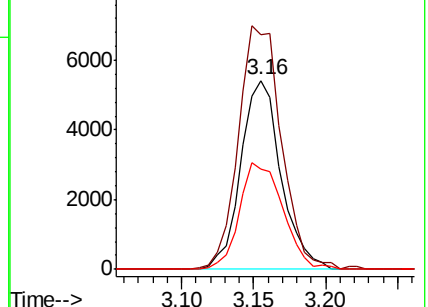
98 53.3 51.5 77.3



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



#22

Diisopropyl ether

Concen: 4.534 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Tgt Ion: 45 Resp: 34635

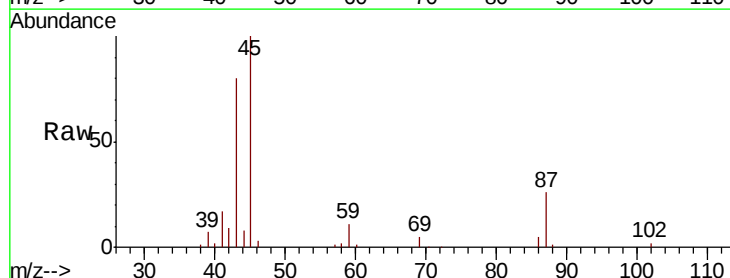
Ion Ratio Lower Upper

45 100

43 78.5 51.4 77.0#

87 25.7 22.5 33.7

59 10.7 9.7 14.5

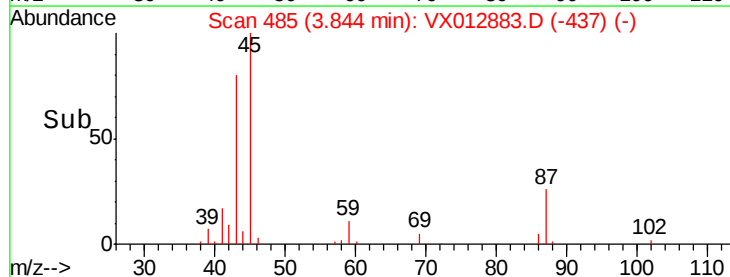
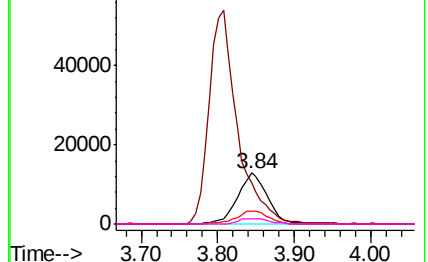


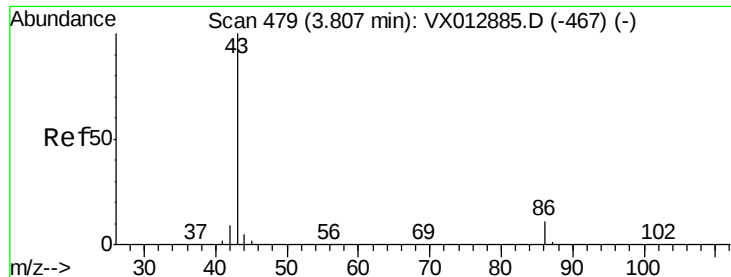
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 21.103 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

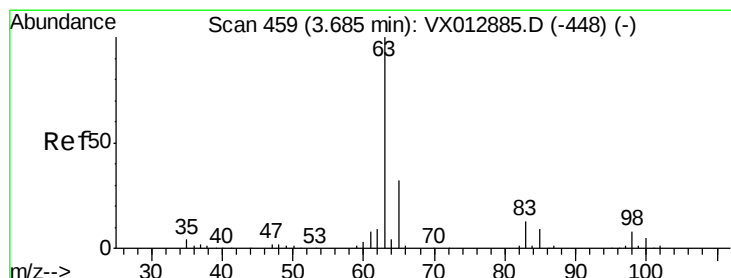
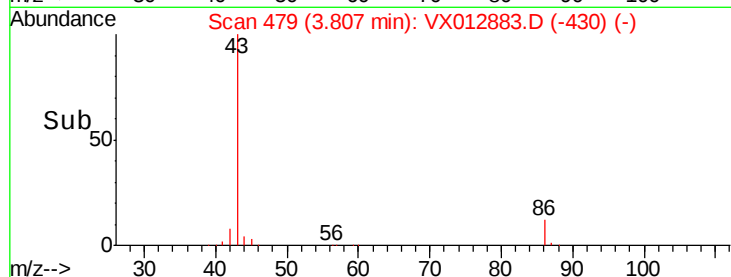
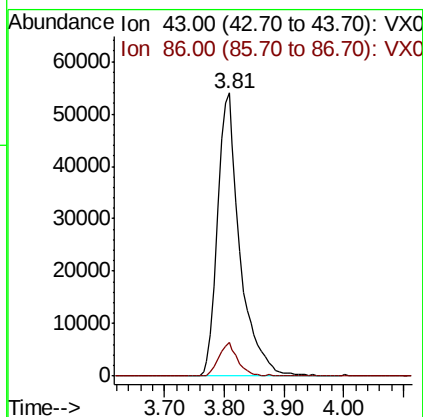
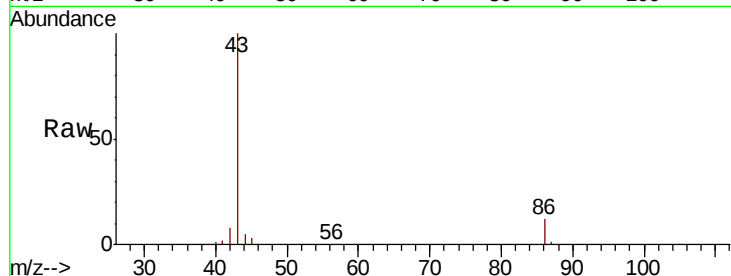
VSTDIC005

Tot Ion: 43 Resp: 140897

Ion Ratio Lower Upper

43 100

86 11.7 9.0 13.6



#24

1,1-Dichloroethane

Concen: 4.487 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

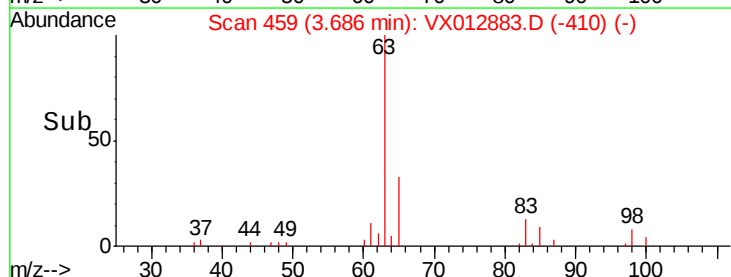
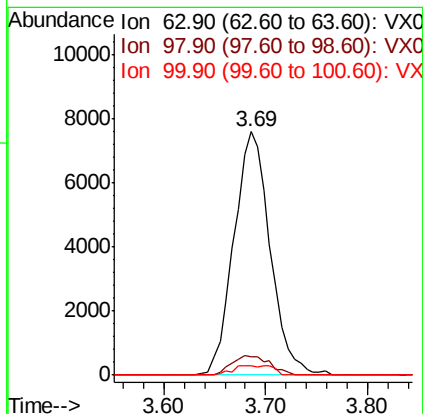
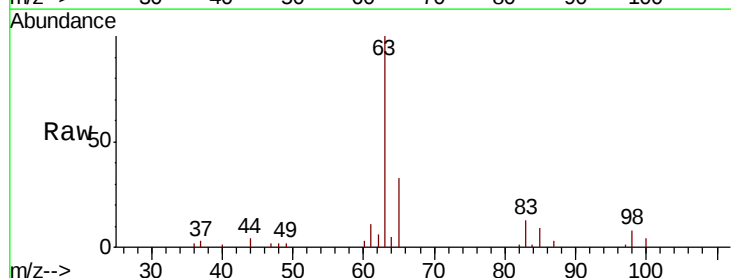
Tgt Ion: 63 Resp: 18670

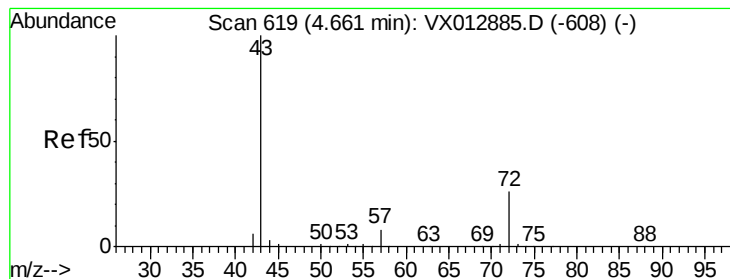
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

100 4.0 2.3 6.9





#25

2-Butanone

Concen: 22.511 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

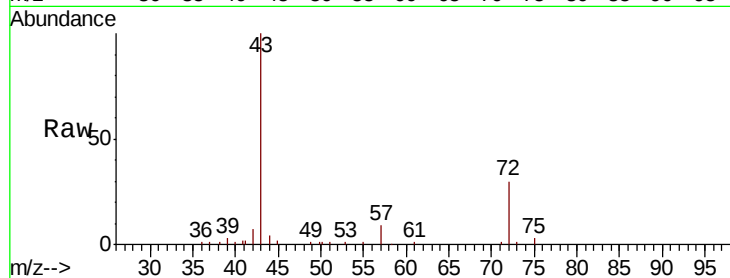
VSTDIC005

Tot Ion: 43 Resp: 45934

Ion Ratio Lower Upper

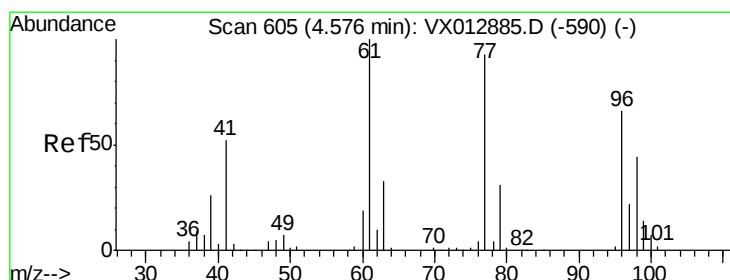
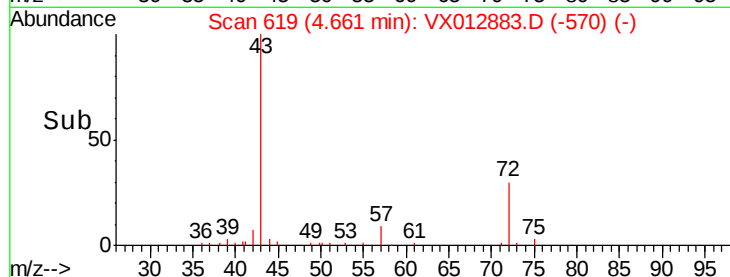
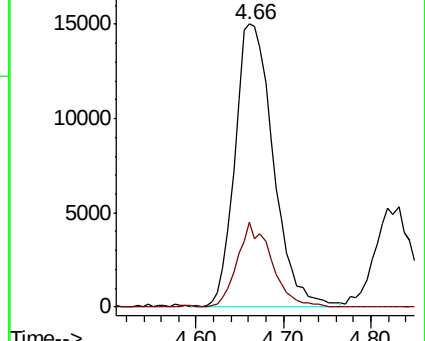
43 100

72 30.2 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 4.243 ug/l

RT: 4.57 min Scan# 604

Delta R.T. -0.01 min

Lab File: VX012883.D

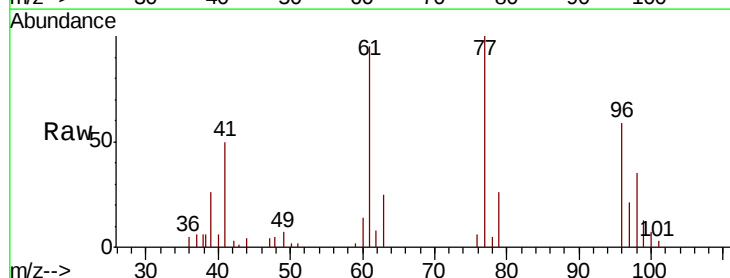
Acq: 08 Oct 2019 11:27

Tgt Ion: 77 Resp: 15626

Ion Ratio Lower Upper

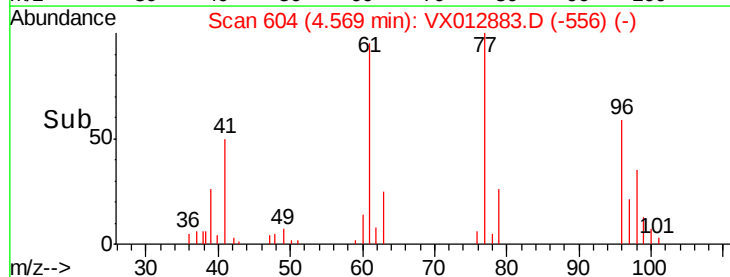
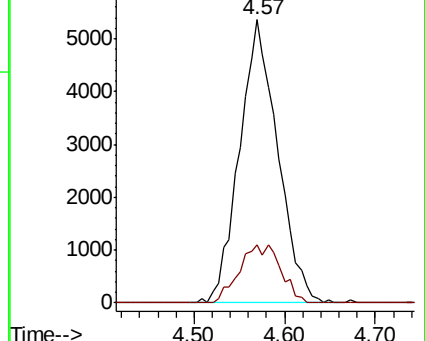
77 100

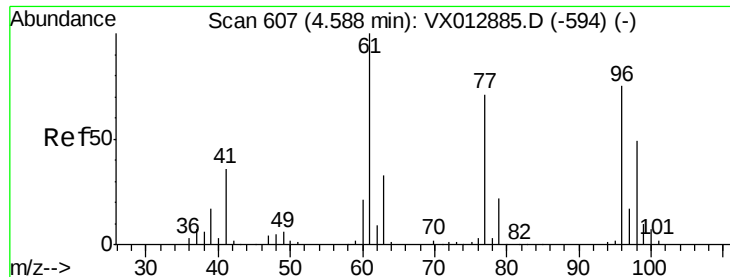
97 22.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



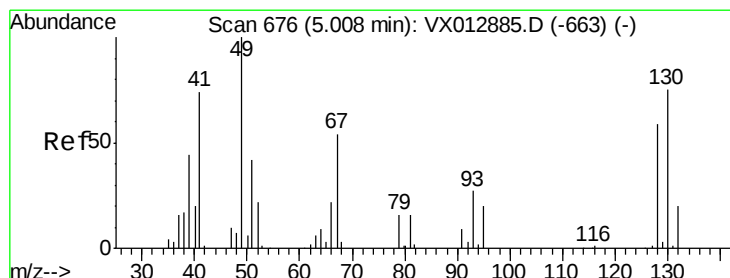
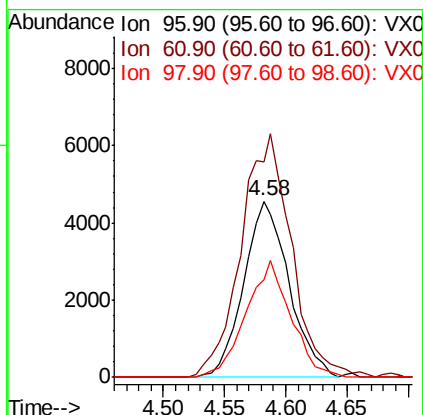
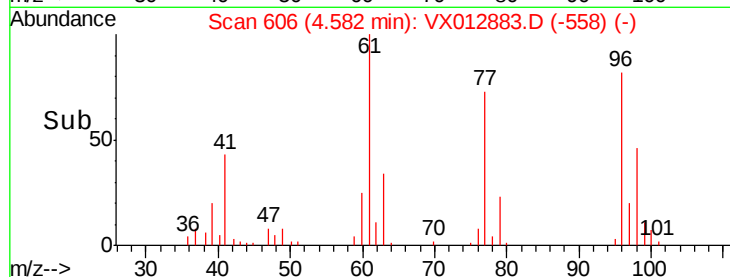
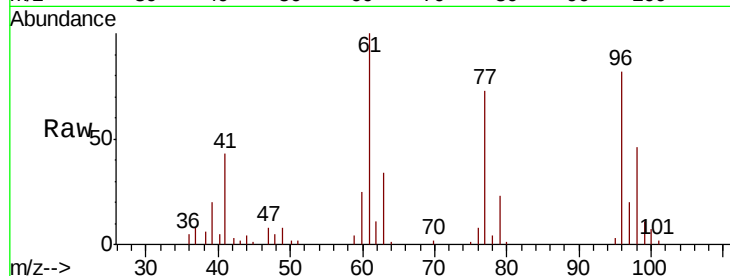


#27

cis-1,2-Dichloroethene
 Concen: 4.551 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. -0.01 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

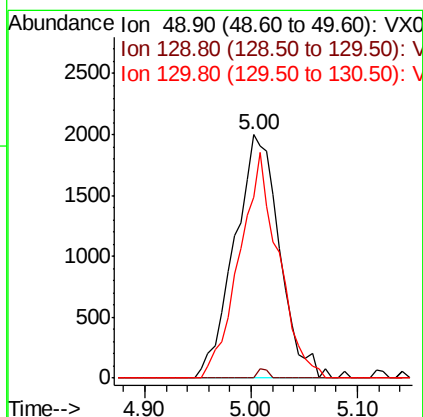
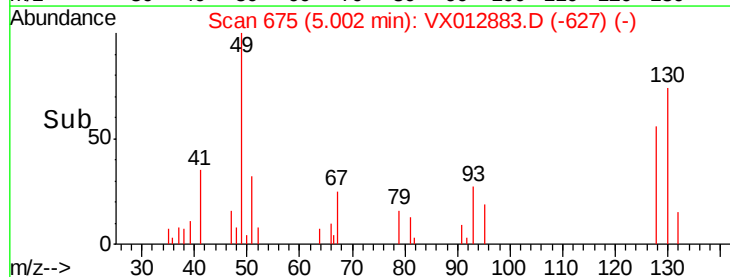
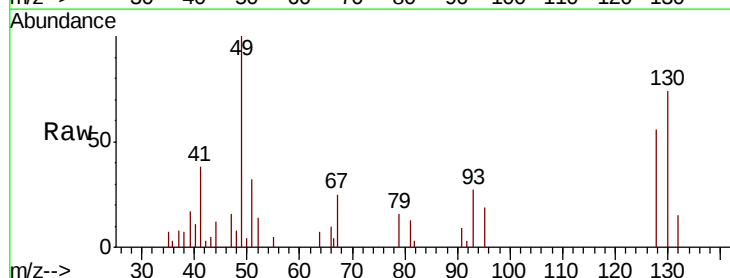
Tot Ion: 96 Resp: 11760
 Ion Ratio Lower Upper
 96 100
 61 153.2 0.0 290.6
 98 65.3 0.0 128.8

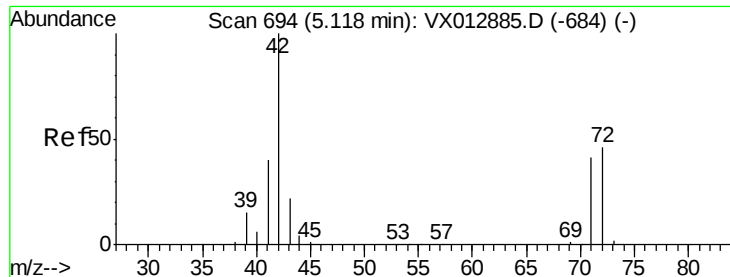


#28

Bromochloromethane
 Concen: 4.011 ug/l
 RT: 5.00 min Scan# 675
 Delta R.T. -0.01 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 49 Resp: 5921
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.2
 130 80.6 62.1 93.1

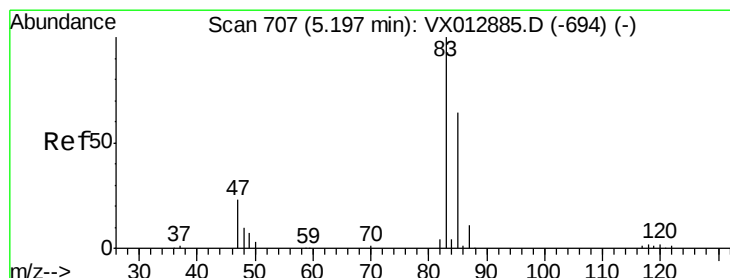
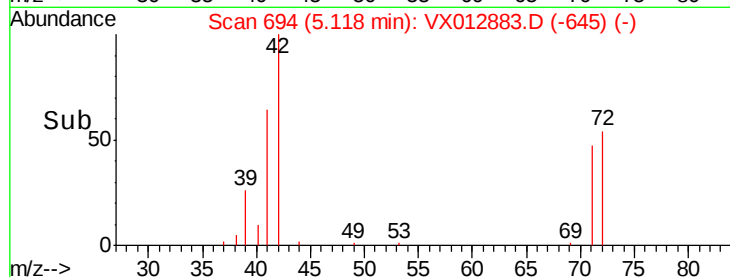
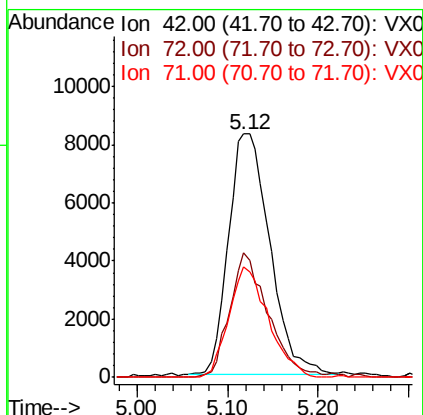
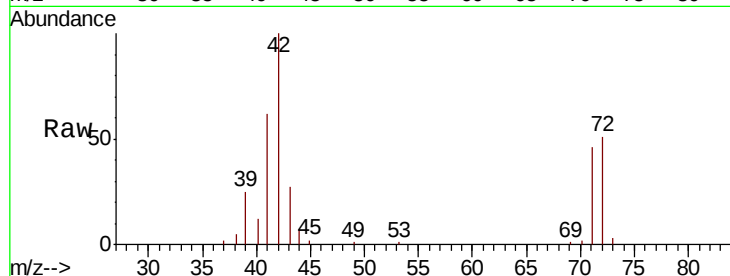




#29
Tetrahydrofuran
Concen: 21.030 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

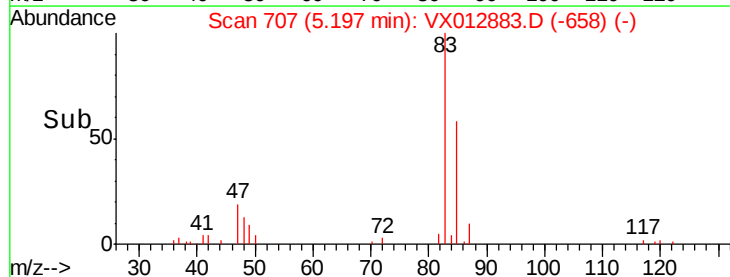
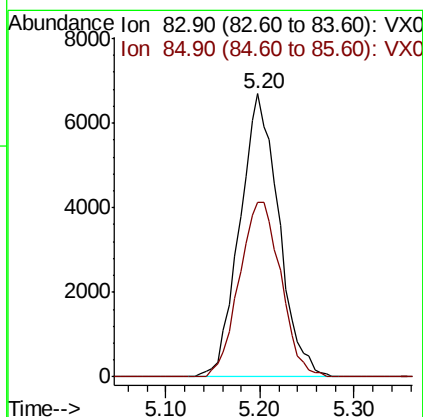
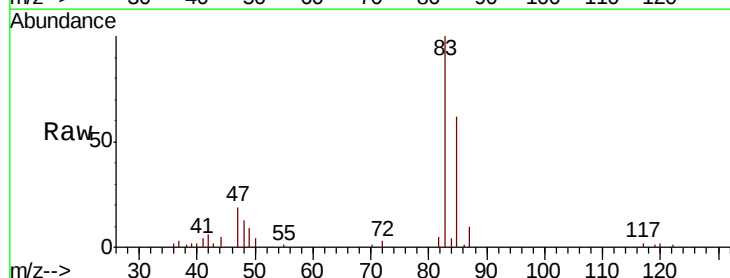
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

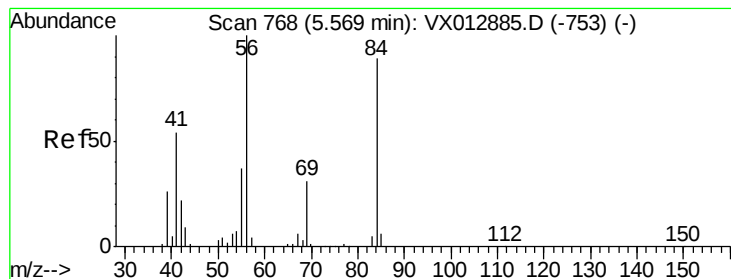
Tot Ion: 42 Resp: 26197
Ion Ratio Lower Upper
42 100
72 48.6 36.9 55.3
71 43.8 33.5 50.3



#30
Chloroform
Concen: 4.545 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 83 Resp: 19397
Ion Ratio Lower Upper
83 100
85 61.7 51.5 77.3





#31

Cyclohexane

Concen: 4.697 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

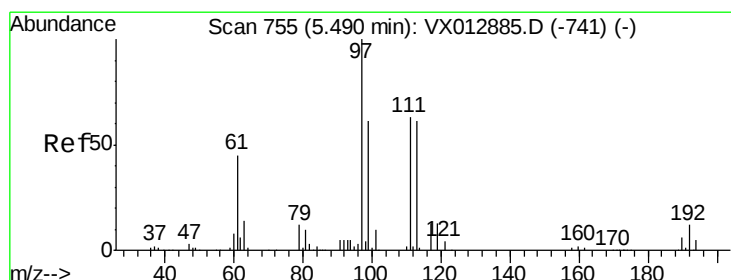
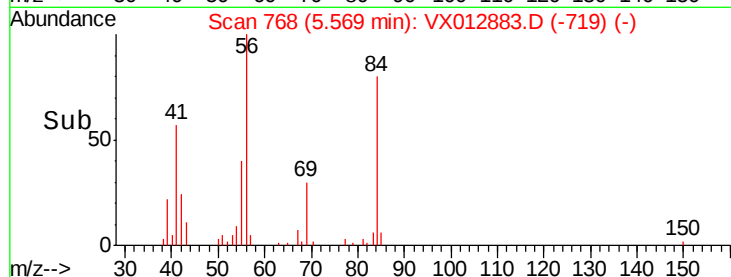
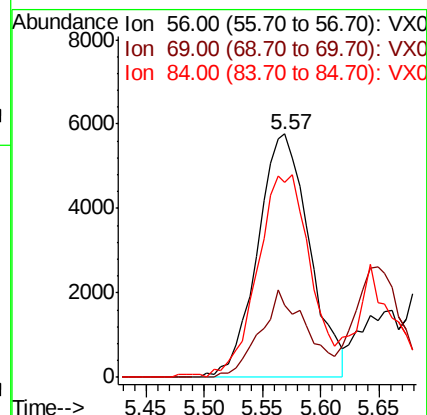
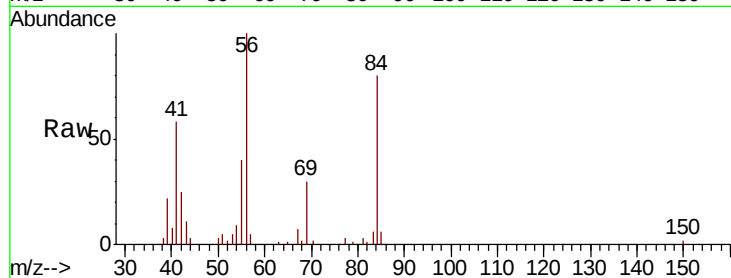
Tot Ion: 56 Resp: 17738

Ion Ratio Lower Upper

56 100

69 29.9 25.2 37.8

84 79.0 71.3 106.9



#32

1,1,1-Trichloroethane

Concen: 4.292 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

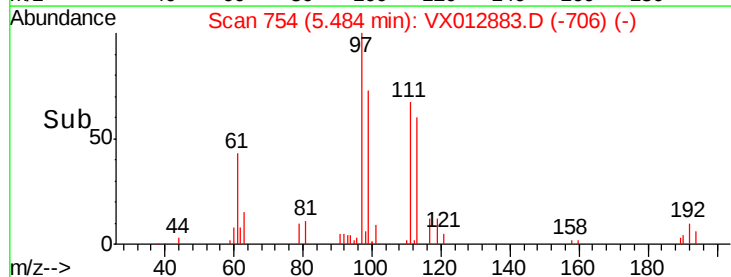
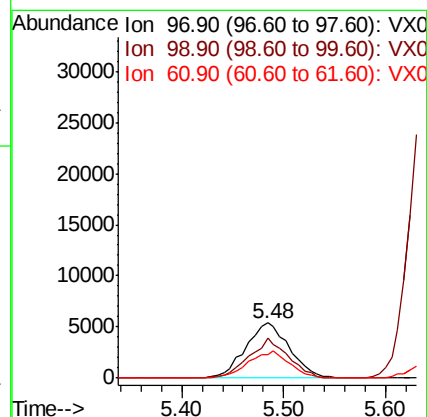
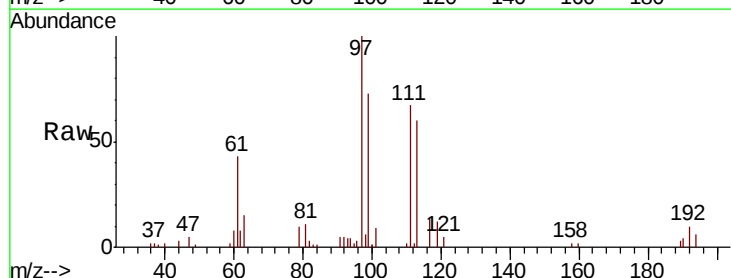
Tgt Ion: 97 Resp: 16148

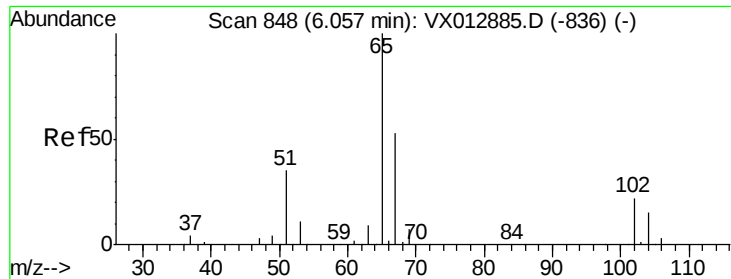
Ion Ratio Lower Upper

97 100

99 64.6 52.3 78.5

61 46.2 35.0 52.4

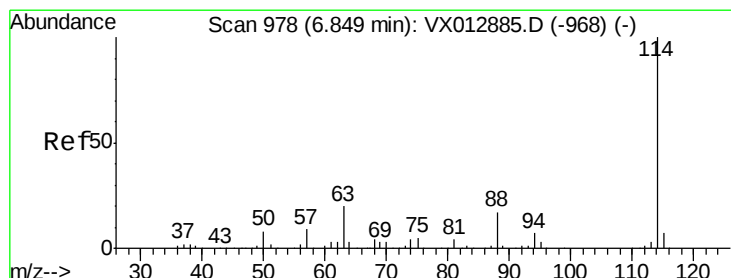
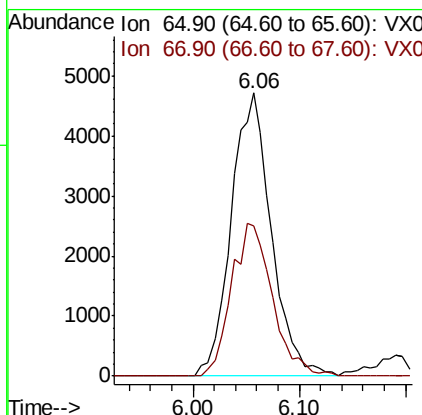
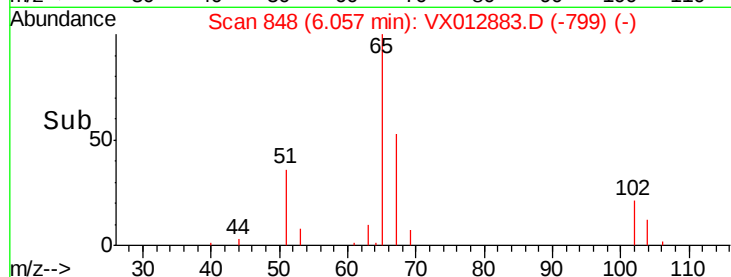
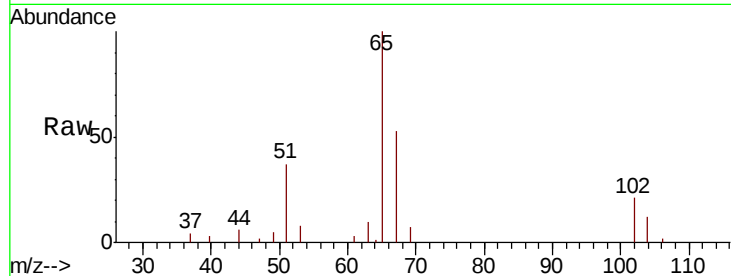




#33
 1,2-Dichloroethane-d4
 Concen: 4.603 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

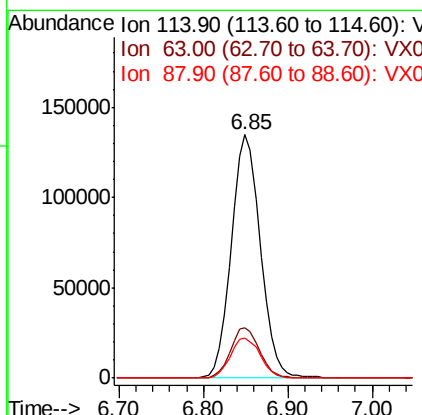
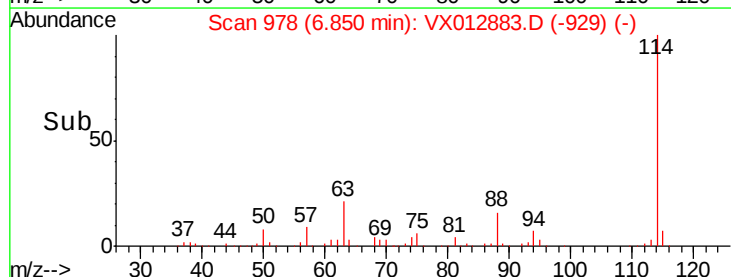
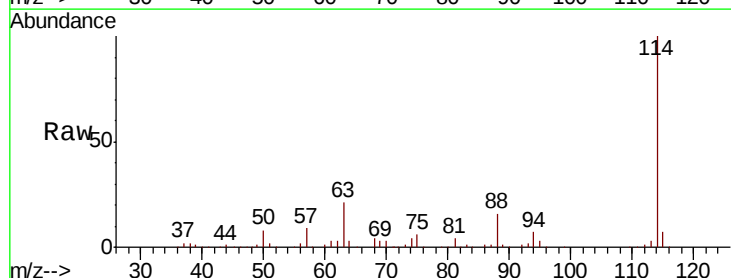
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

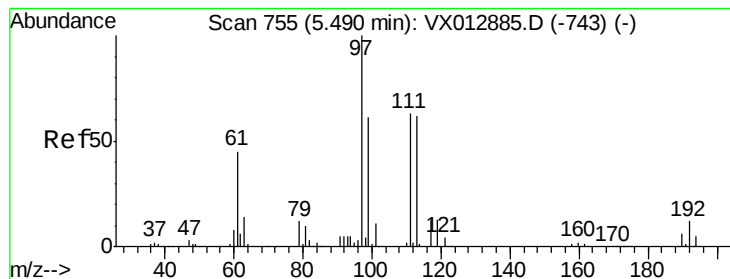
Tot Ion: 65 Resp: 12392
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 114 Resp: 314994
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 16.4 0.0 33.8





#35

Dibromofluoromethane

Concen: 4.889 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

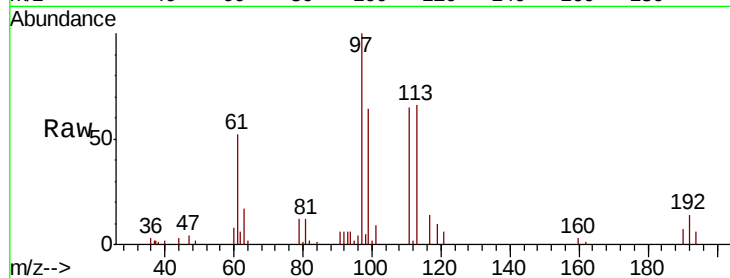
Tot Ion:113 Resp: 9225

Ion Ratio Lower Upper

113 100

111 105.9 83.2 124.8

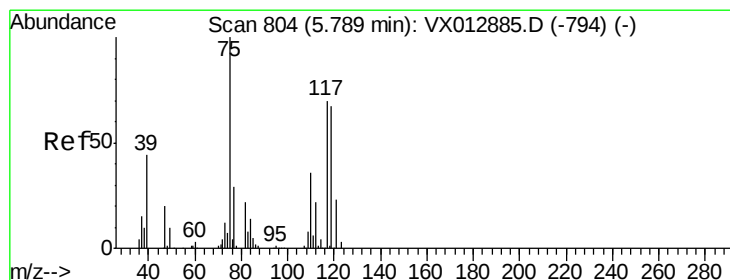
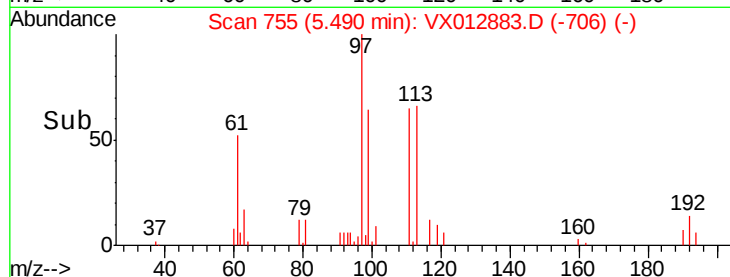
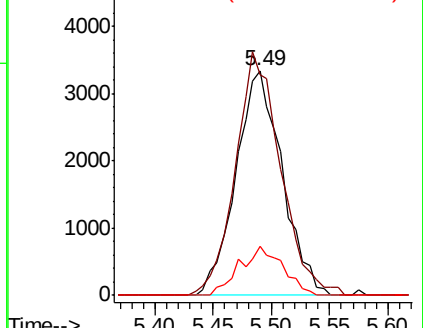
192 20.4 15.4 23.2



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: 4.603 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

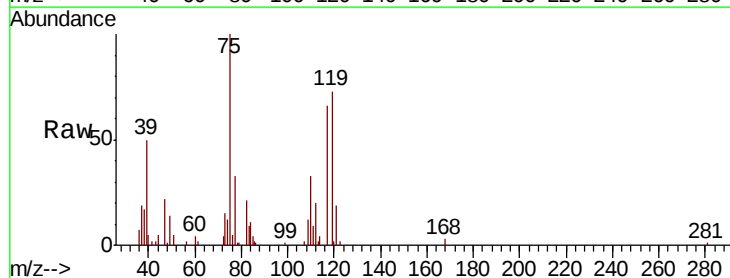
Tgt Ion: 75 Resp: 14048

Ion Ratio Lower Upper

75 100

110 37.2 17.6 52.9

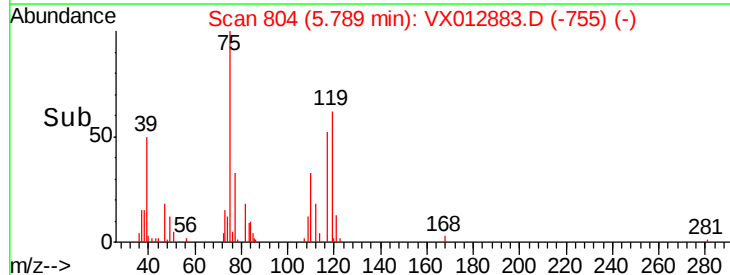
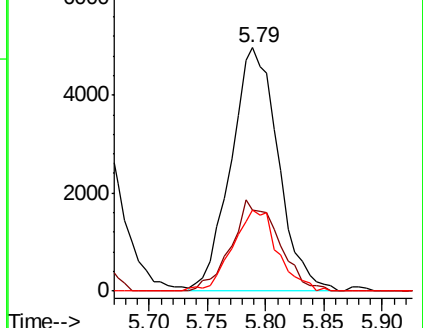
77 31.9 24.4 36.6

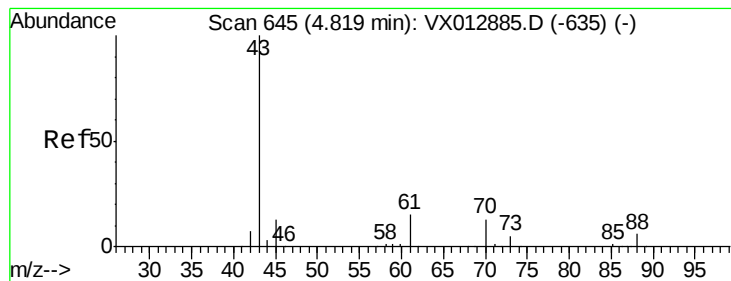


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 4.175 ug/l

RT: 4.83 min Scan# 647

Delta R.T. 0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

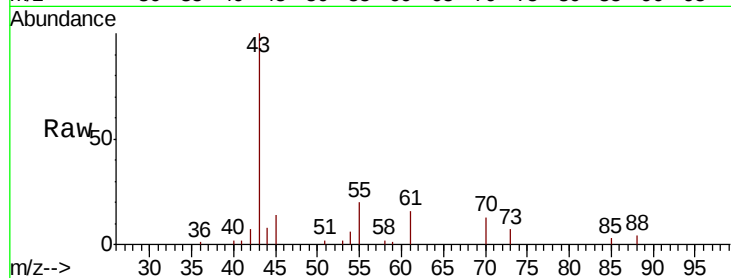
Tot Ion: 43 Resp: 14713

Ion Ratio Lower Upper

43 100

61 17.4 11.4 17.0#

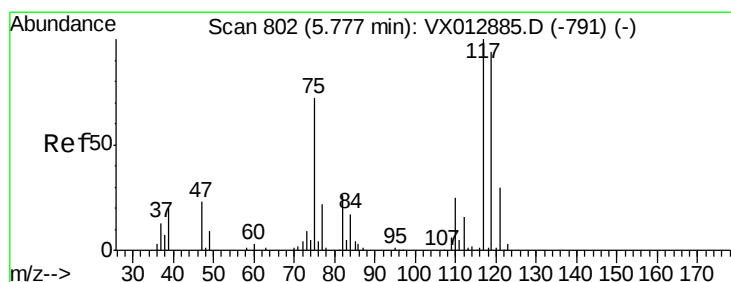
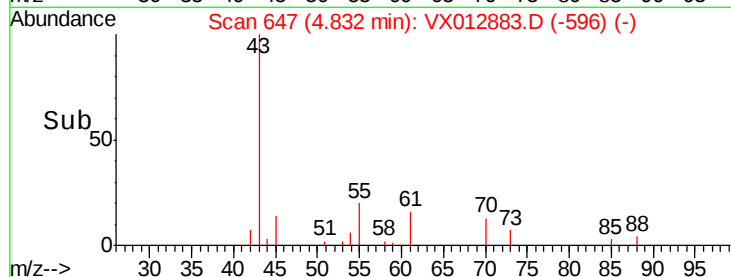
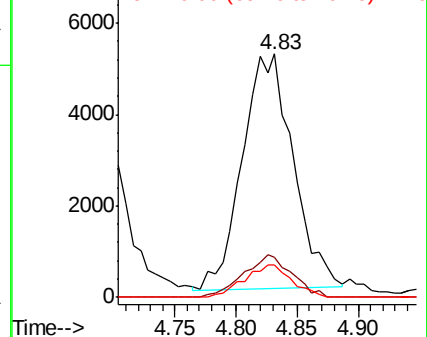
70 13.0 9.8 14.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 4.303 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

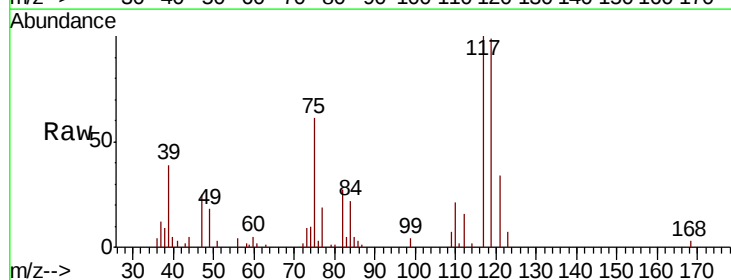
Tgt Ion: 117 Resp: 13218

Ion Ratio Lower Upper

117 100

119 99.2 74.5 111.7

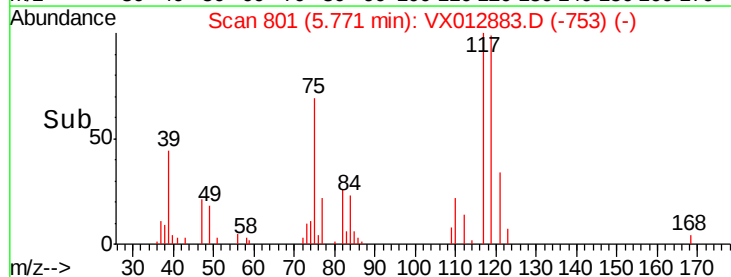
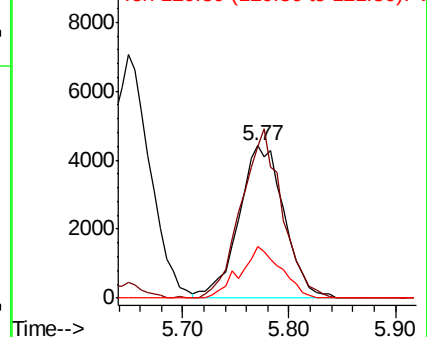
121 34.1 24.2 36.4

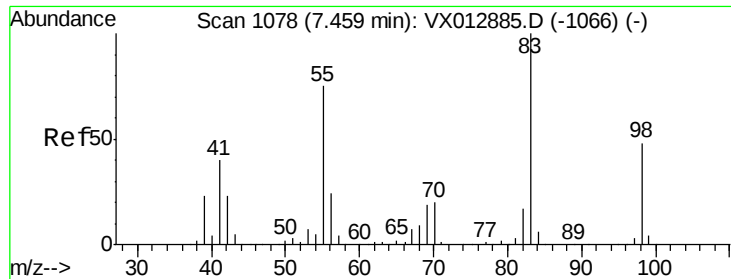


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

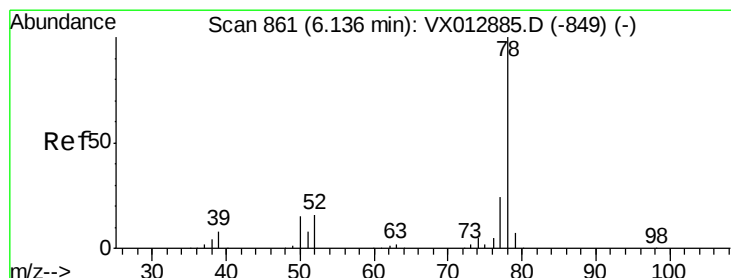
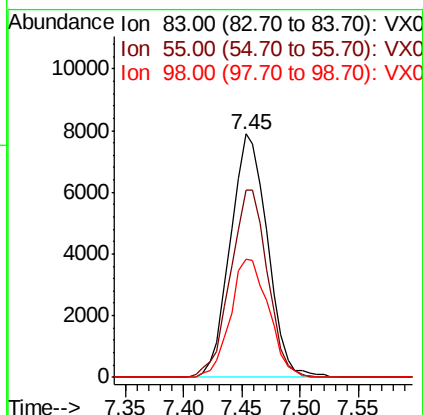
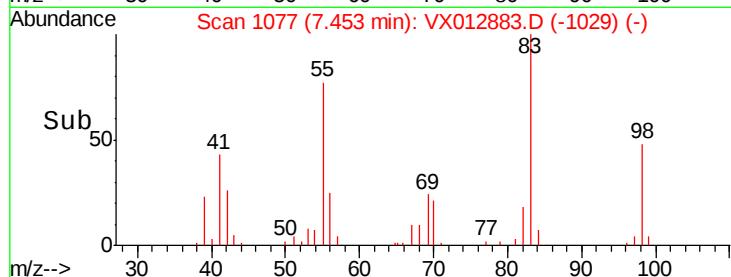
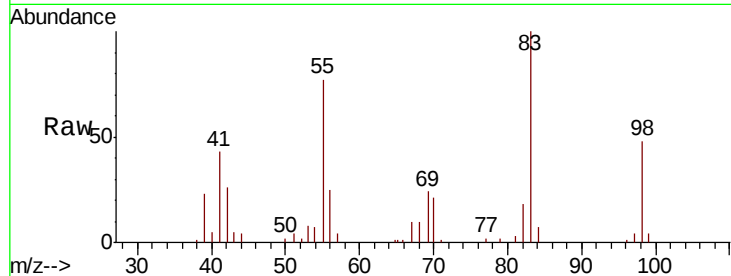




#39
Methvlcvclohexane
Concen: 4.738 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.01 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

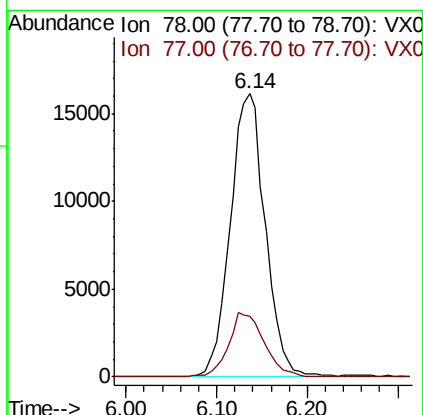
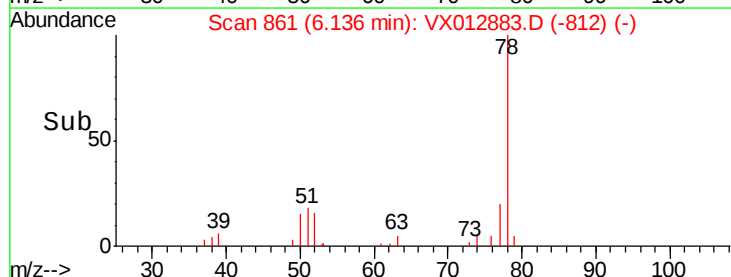
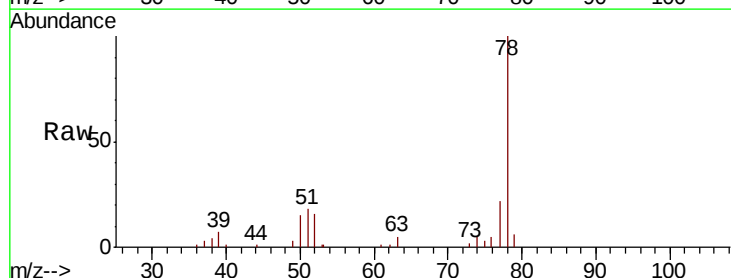
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

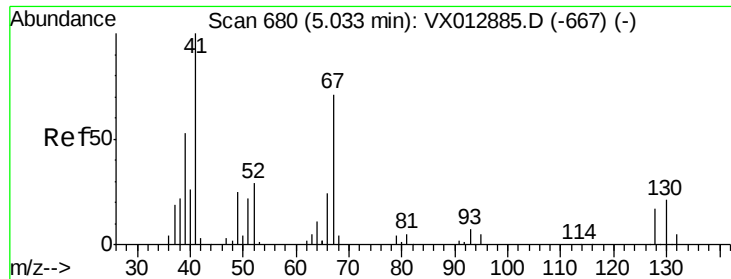
Tot Ion: 83 Resp: 17478
Ion Ratio Lower Upper
83 100
55 76.9 60.2 90.4
98 48.5 38.5 57.7



#40
Benzene
Concen: 4.809 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 78 Resp: 43070
Ion Ratio Lower Upper
78 100
77 21.5 19.0 28.4

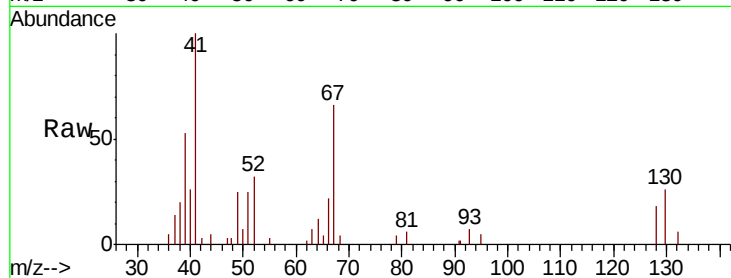




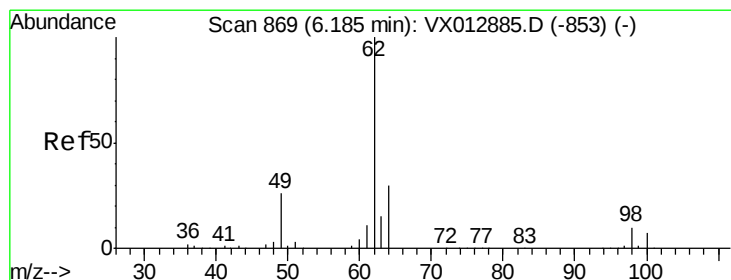
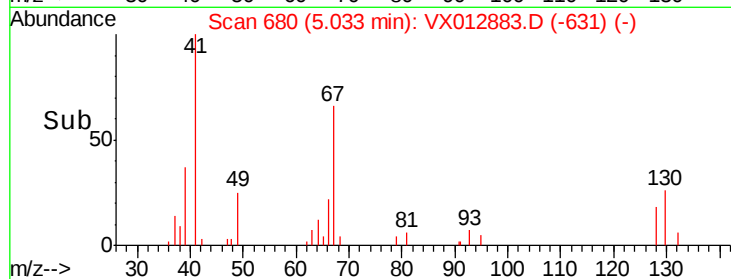
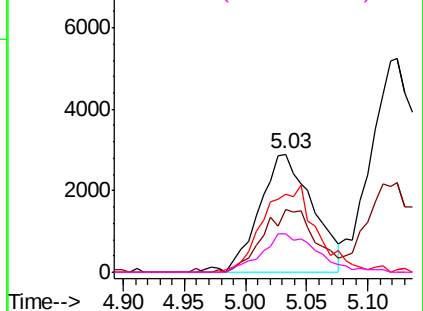
#41
Methacrylonitrile
Concen: 4.473 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:	41	Resp:	8809
Ion	Ratio	Lower	Upper
41	100		
39	52.8	44.0	66.0
67	72.3	58.5	87.7
52	34.0	23.8	35.8

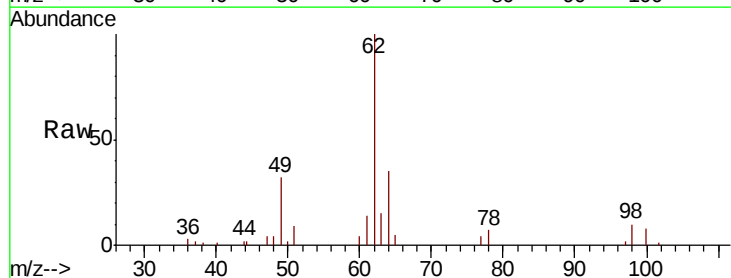


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

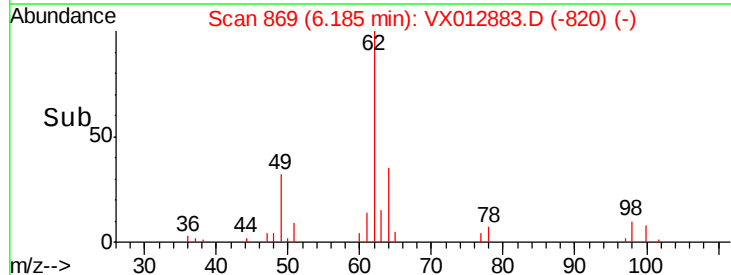
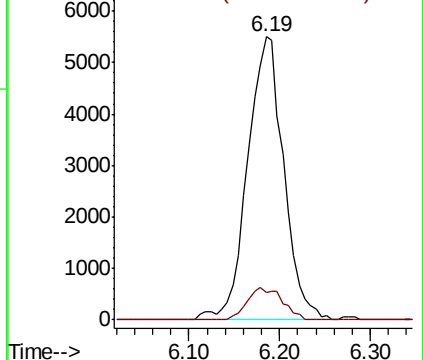


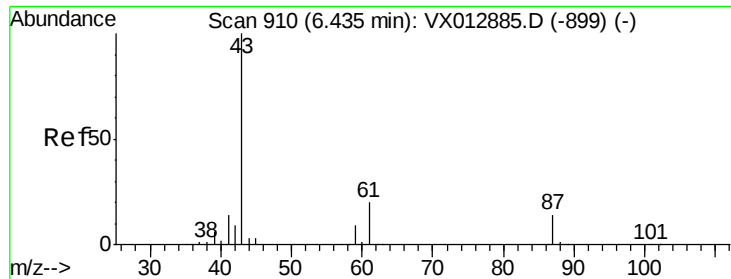
#42
1,2-Dichloroethane
Concen: 4.491 ug/l
RT: 6.19 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion:	62	Resp:	15141
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



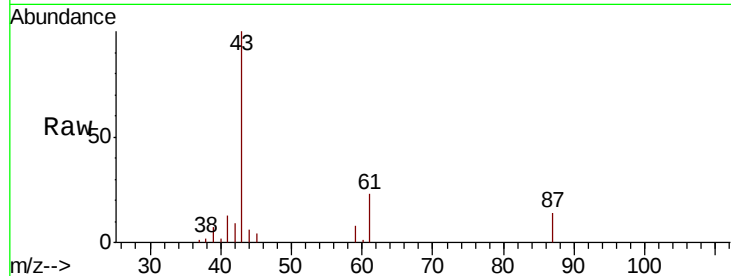


#43

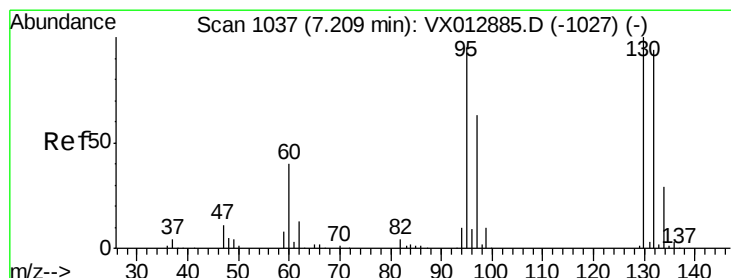
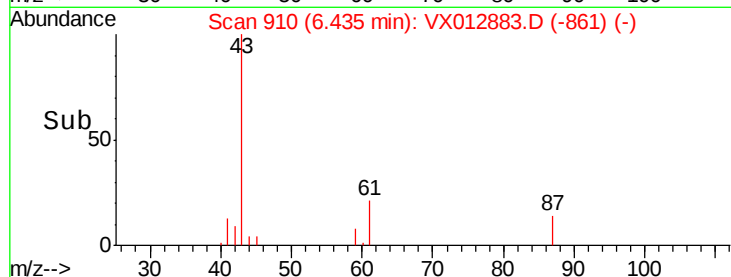
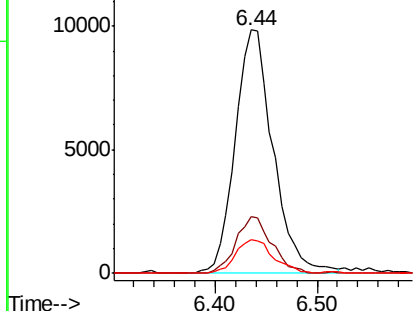
Isopropyl Acetate
 Concen: 4.321 ug/l
 RT: 6.44 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDIC005

Tot Ion	43	Resp	25405
Ion Ratio	Lower	Upper	
43	100		
61	21.8	16.6	24.8
87	13.7	11.0	16.6



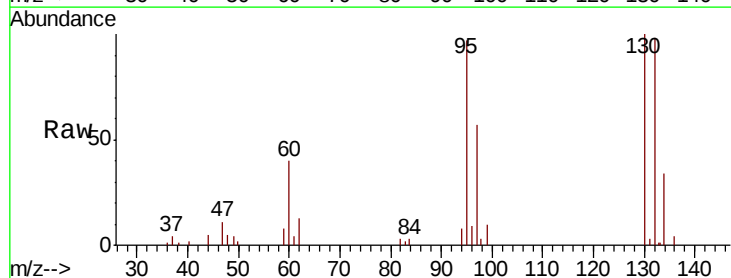
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



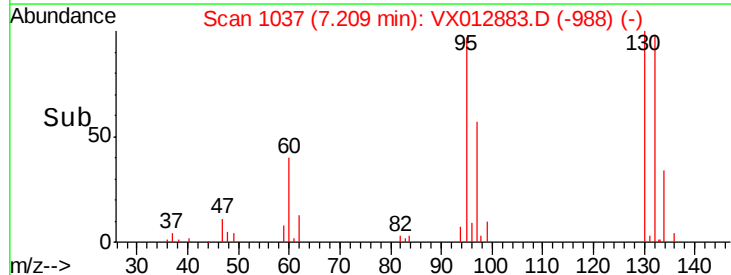
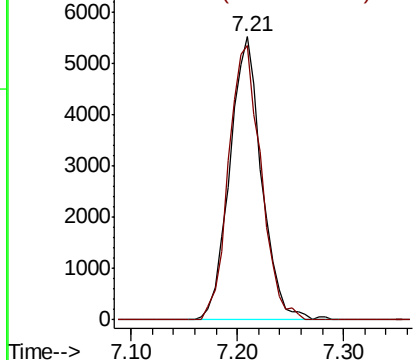
#44

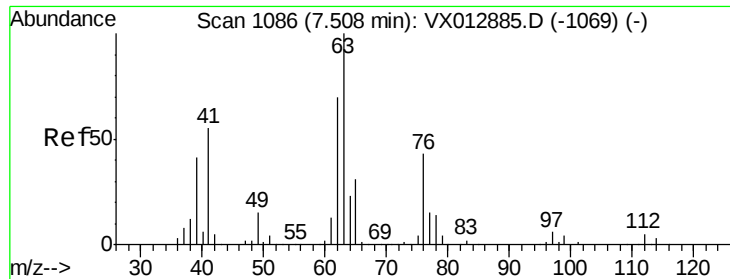
Trichloroethene
 Concen: 5.048 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion	130	Resp	11639
Ion Ratio	Lower	Upper	
130	100		
95	97.1	0.0	189.2



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 4.798 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

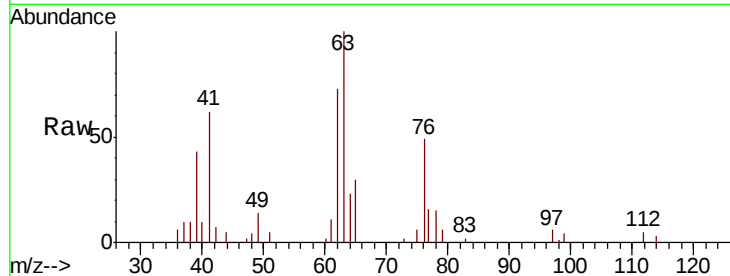
VSTDIC005

Tot Ion: 63 Resp: 11001

Ion Ratio Lower Upper

63 100

65 29.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

6000

5000

4000

3000

2000

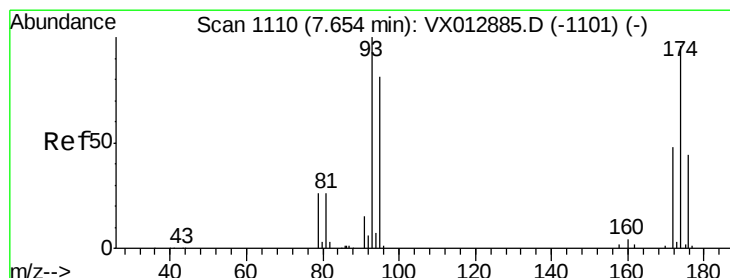
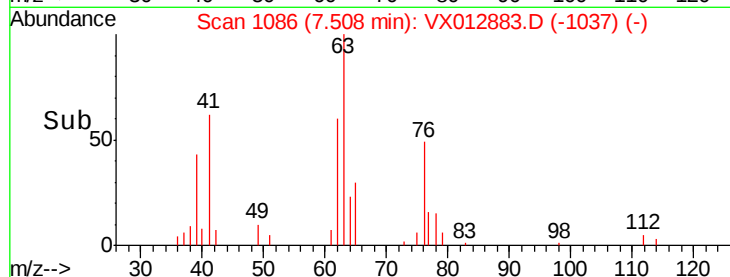
1000

0

7.45 7.50 7.55 7.60

7.51

Time-->



#46

Dibromomethane

Concen: 4.461 ug/l

RT: 7.66 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

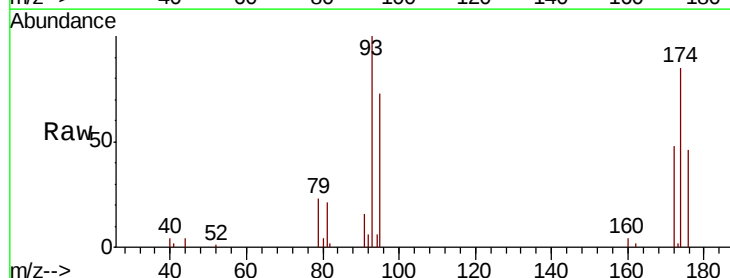
Tgt Ion: 93 Resp: 6954

Ion Ratio Lower Upper

93 100

95 86.1 66.3 99.5

174 95.3 77.8 116.6



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

5000

4000

3000

2000

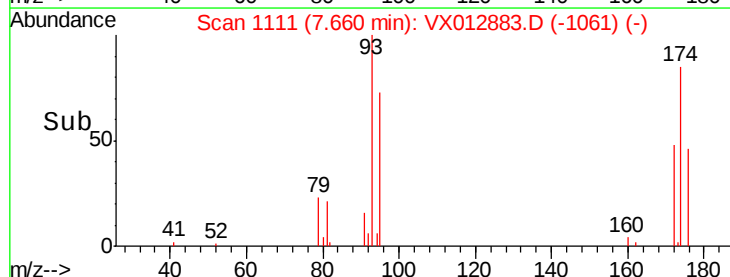
1000

0

7.60 7.65 7.70 7.75

7.66

Time-->





#47

Bromodichloromethane

Concen: 4.098 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

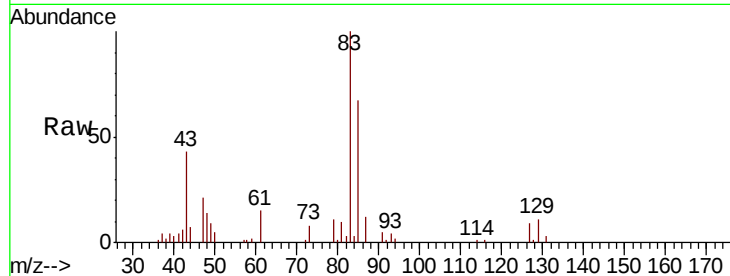
Tot Ion: 83 Resp: 12705

Ion Ratio Lower Upper

83 100

85 67.5 52.4 78.6

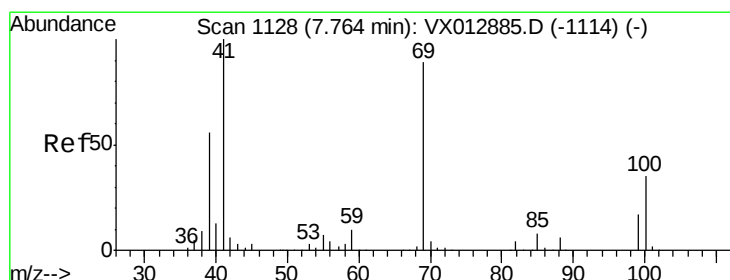
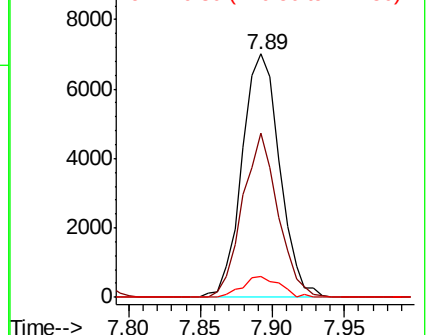
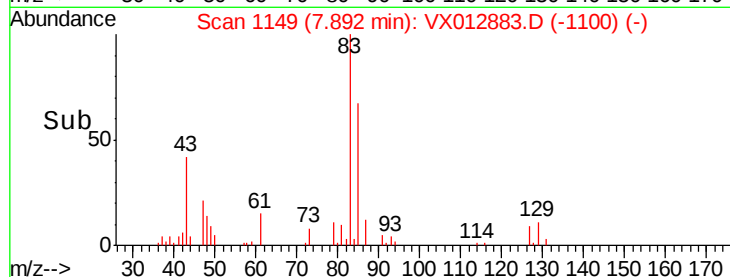
127 8.7 6.6 10.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 4.269 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

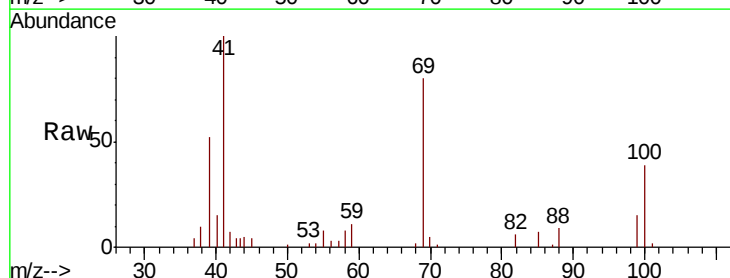
Tgt Ion: 41 Resp: 12024

Ion Ratio Lower Upper

41 100

69 85.3 68.7 103.1

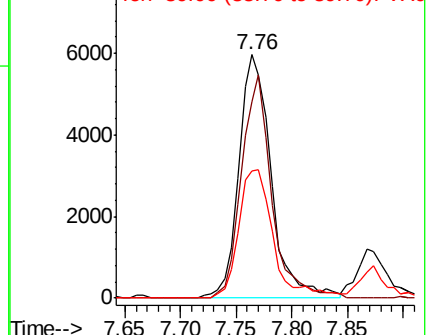
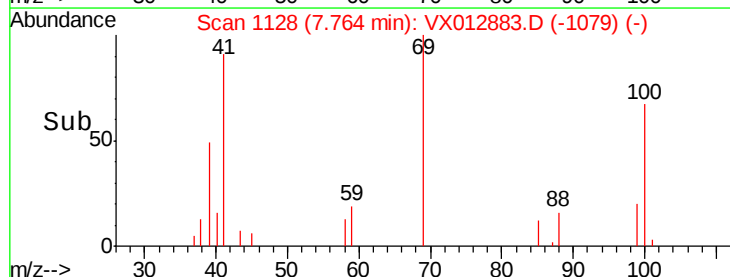
39 56.2 44.3 66.5

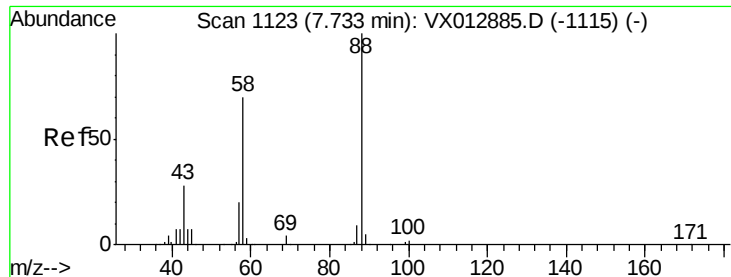


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 95.573 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. 0.01 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

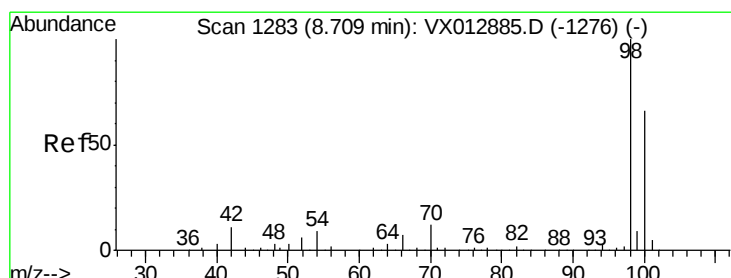
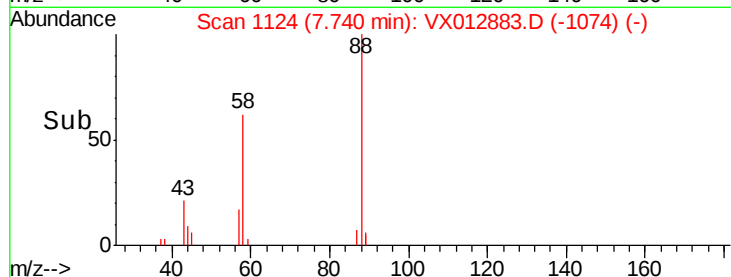
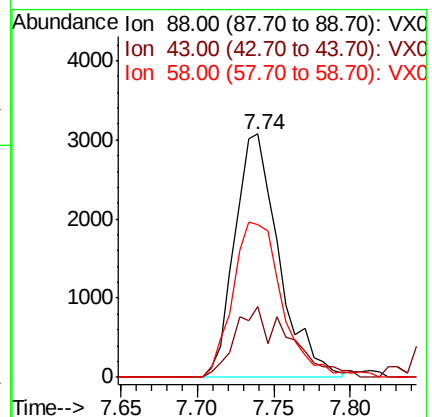
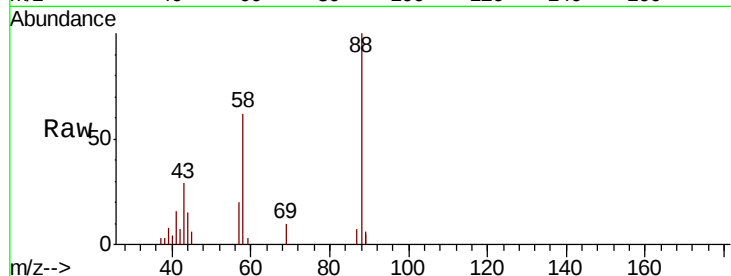
Tot Ion: 88 Resp: 6186

Ion Ratio Lower Upper

88 100

43 35.9 25.0 37.6

58 71.3 55.4 83.2



#50

Toluene-d8

Concen: 5.082 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012883.D

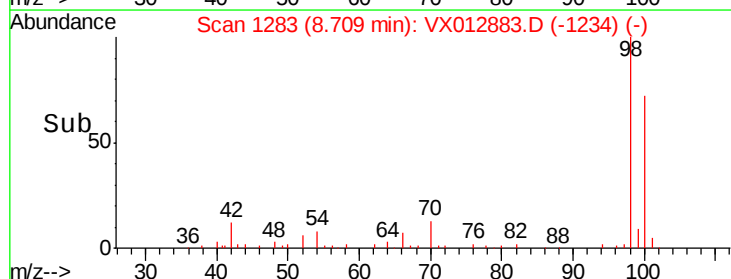
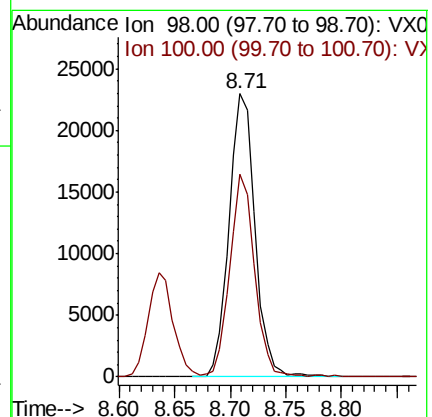
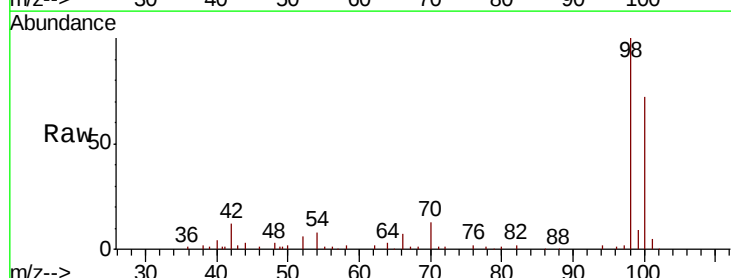
Acq: 08 Oct 2019 11:27

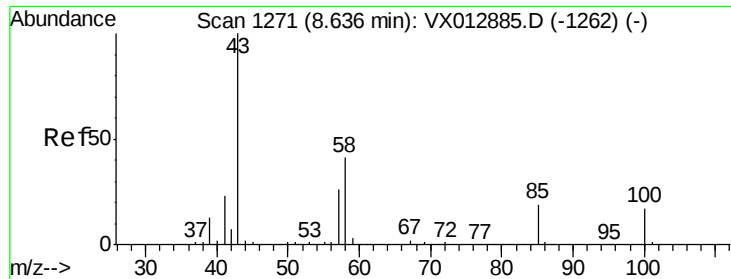
Tgt Ion: 98 Resp: 37038

Ion Ratio Lower Upper

98 100

100 67.9 53.4 80.2





#51

4-Methyl-2-Pentanone

Concen: 22.644 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

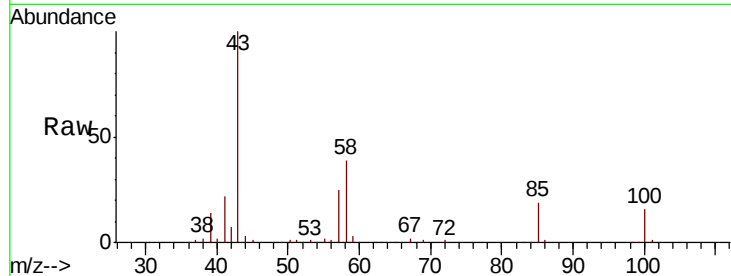
VSTDIC005

Tot Ion: 43 Resp: 82196

Ion Ratio Lower Upper

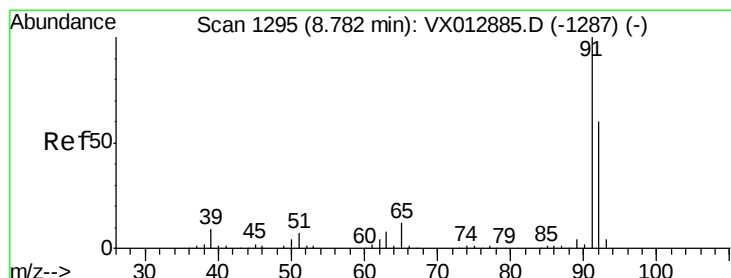
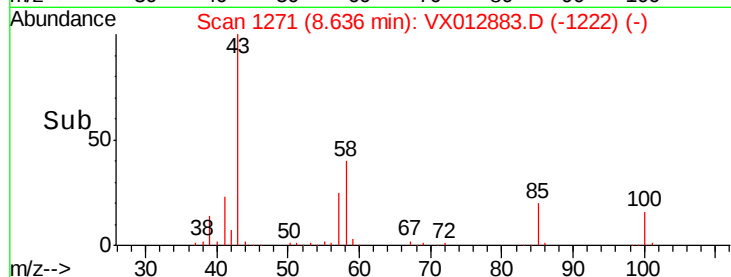
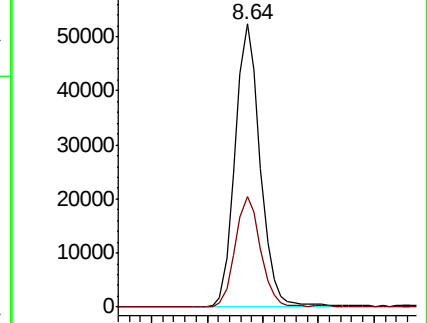
43 100

58 39.3 32.4 48.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 4.865 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012883.D

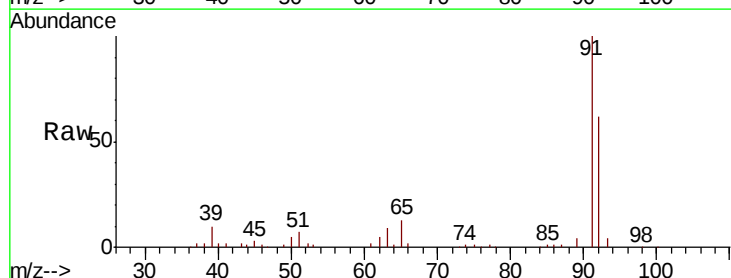
Acq: 08 Oct 2019 11:27

Tgt Ion: 92 Resp: 27372

Ion Ratio Lower Upper

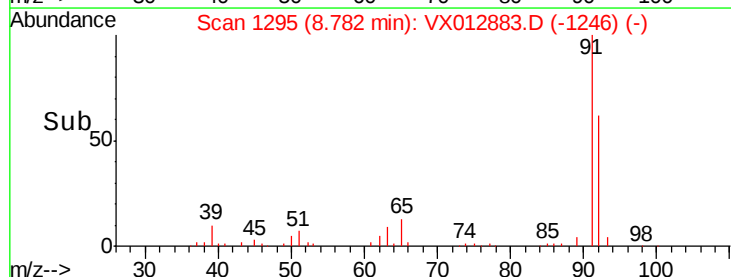
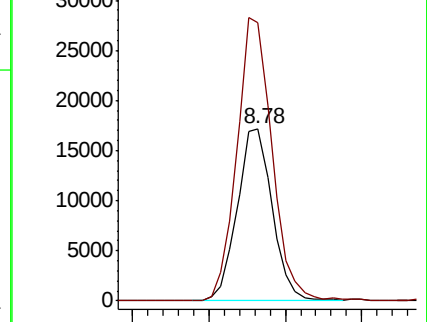
92 100

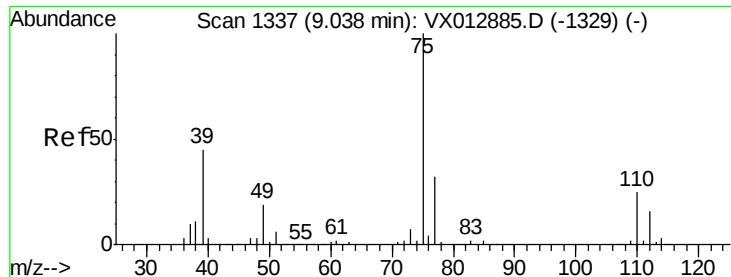
91 165.1 135.9 203.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 3.929 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

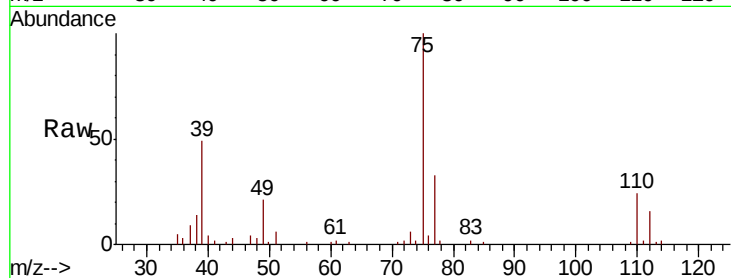
VSTDIC005

Tot Ion: 75 Resp: 13488

Ion Ratio Lower Upper

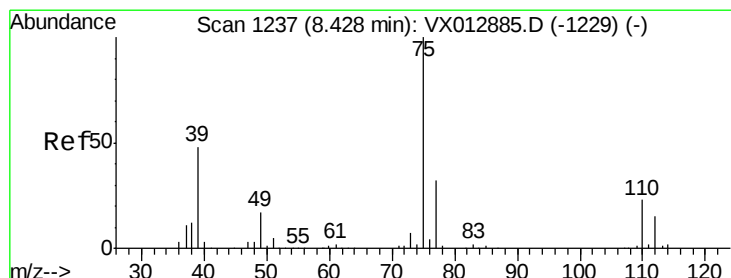
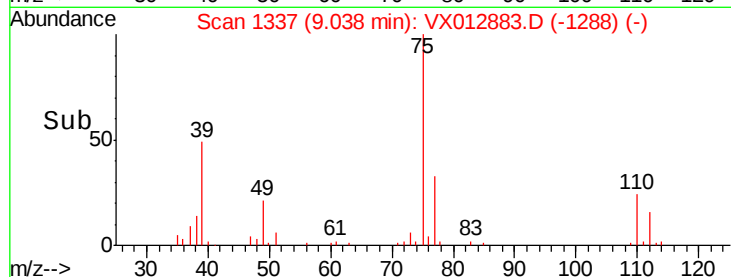
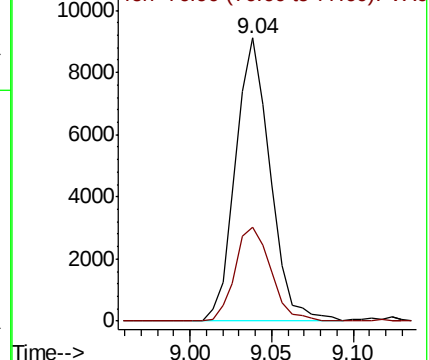
75 100

77 33.2 25.8 38.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 4.424 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

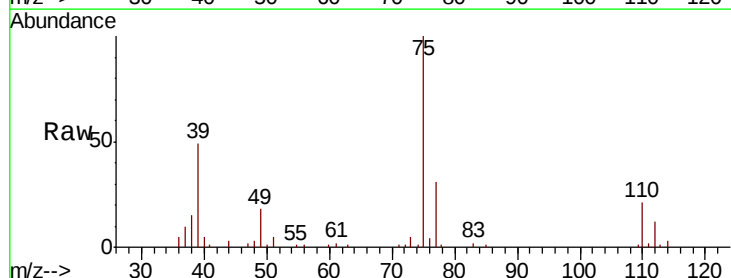
Tgt Ion: 75 Resp: 16607

Ion Ratio Lower Upper

75 100

77 30.7 25.8 38.8

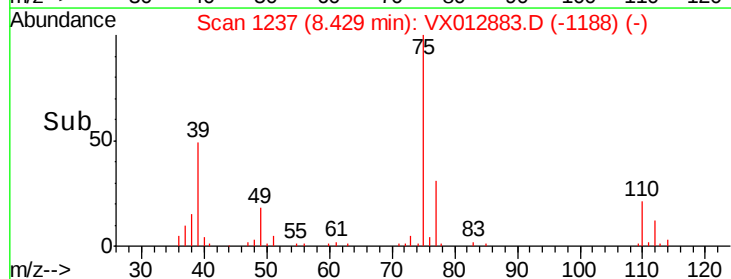
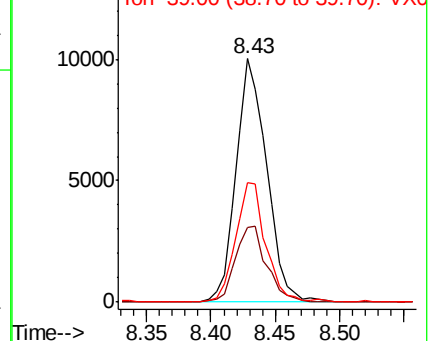
39 49.3 38.2 57.2

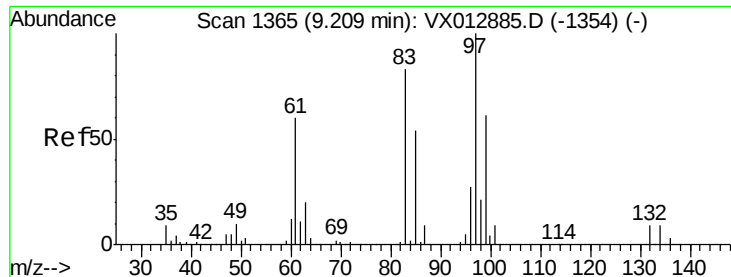


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

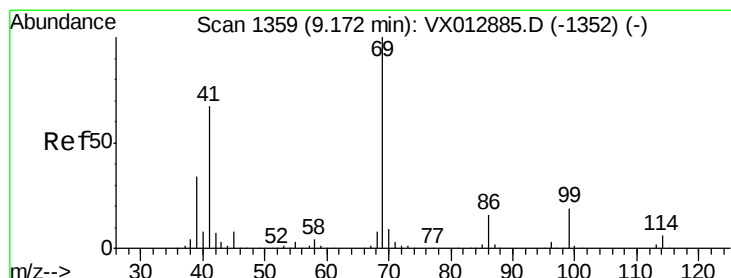
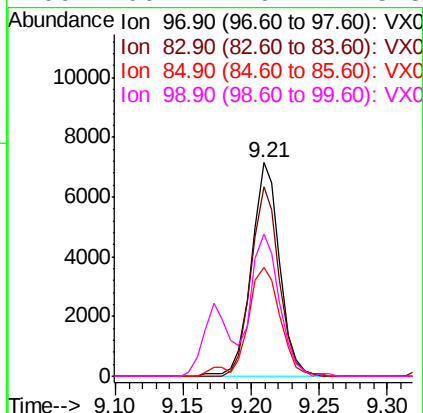
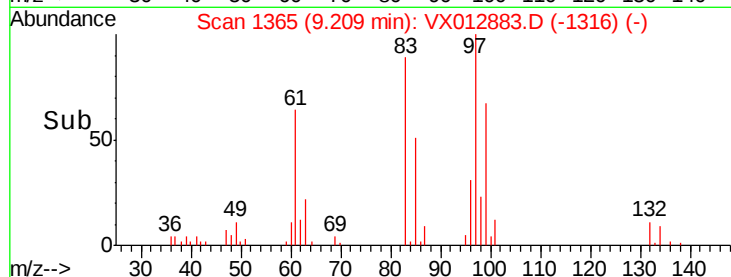
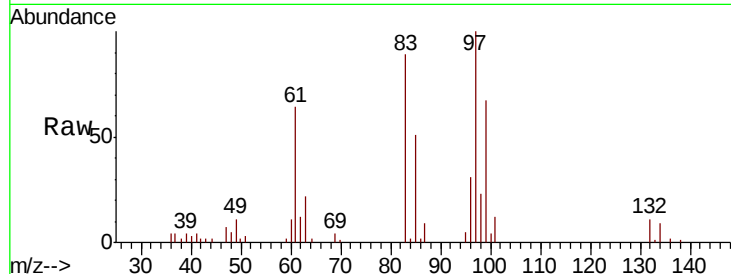




#55
 1,1,2-Trichloroethane
 Concen: 4.669 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

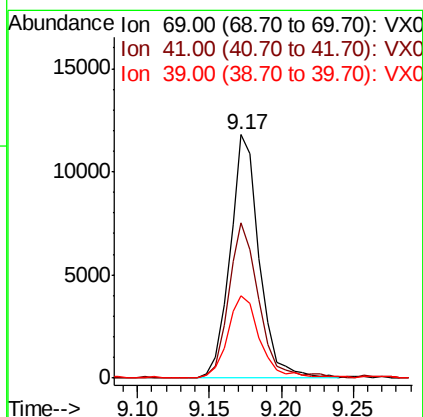
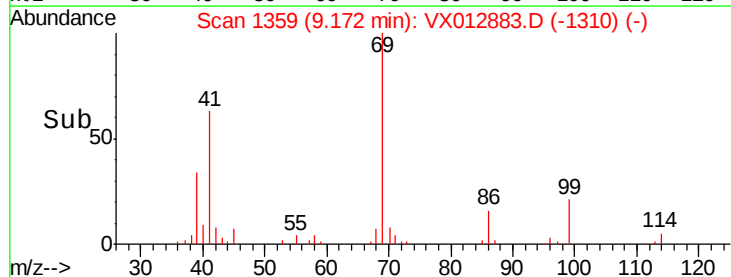
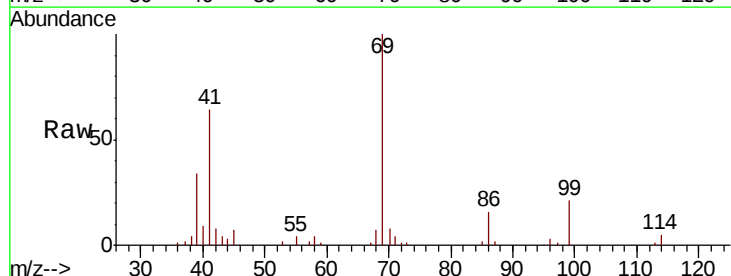
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

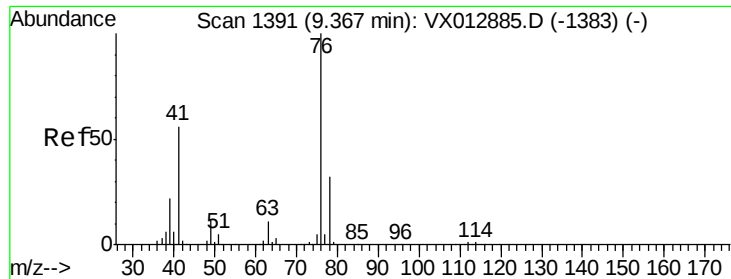
Tot Ion:	97	Resp:	10442
Ion	Ratio	Lower	Upper
97	100		
83	88.9	66.5	99.7
85	51.1	43.1	64.7
99	66.7	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 4.460 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion:	69	Resp:	16713
Ion	Ratio	Lower	Upper
69	100		
41	65.8	52.1	78.1
39	37.8	27.8	41.8

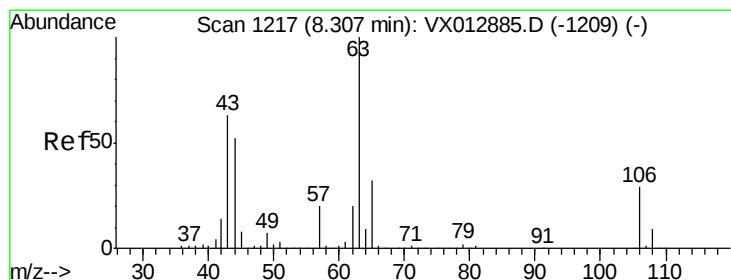
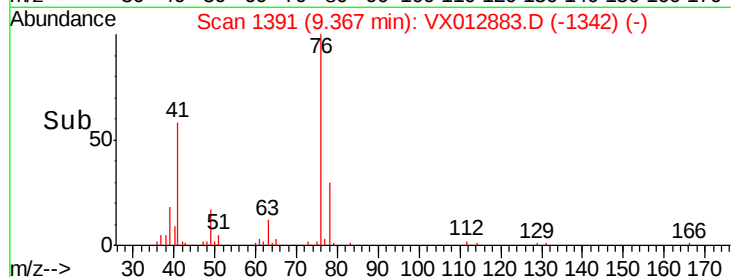
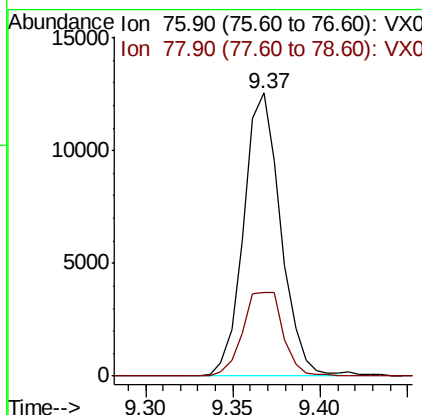
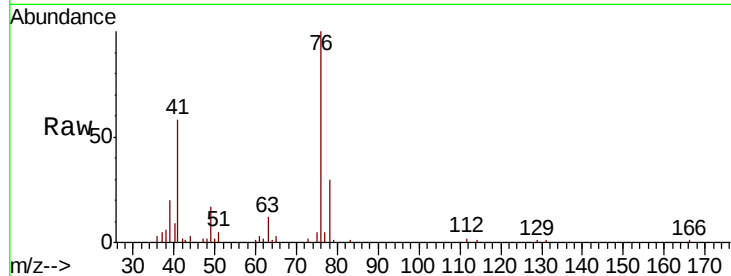




#57
 1,3-Dichloropropane
 Concen: 4.729 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

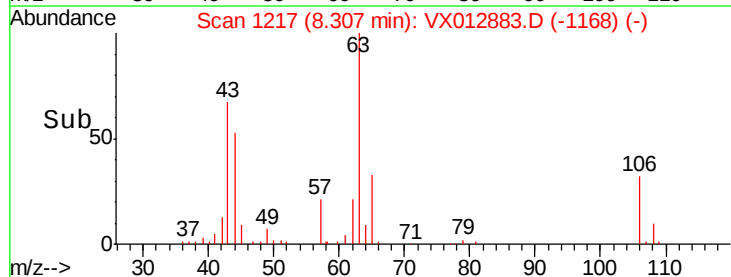
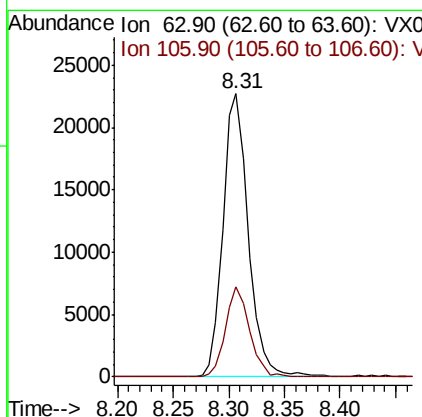
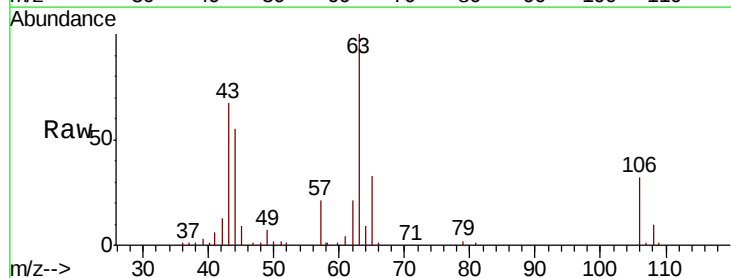
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

Tot Ion: 76 Resp: 18496
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 21.385 ug/l
 RT: 8.31 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 63 Resp: 35736
 Ion Ratio Lower Upper
 63 100
 106 30.5 23.8 35.8

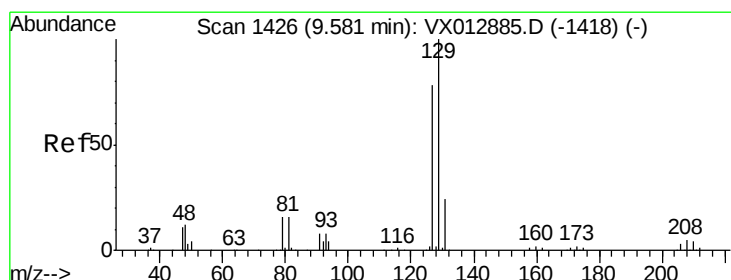
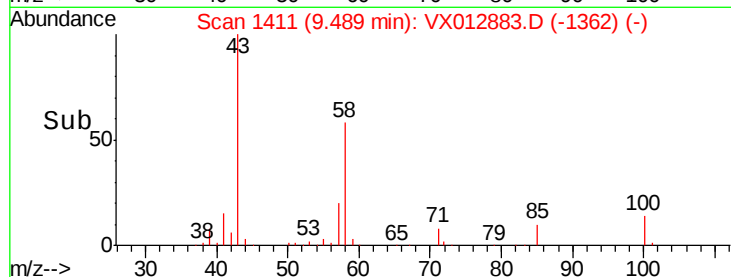
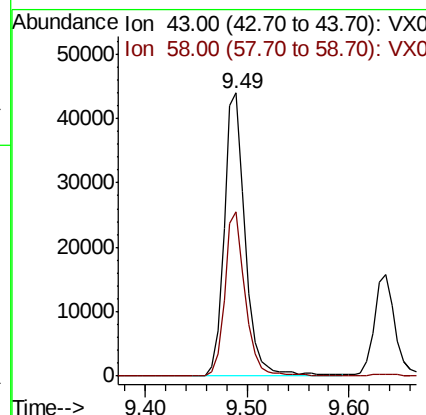
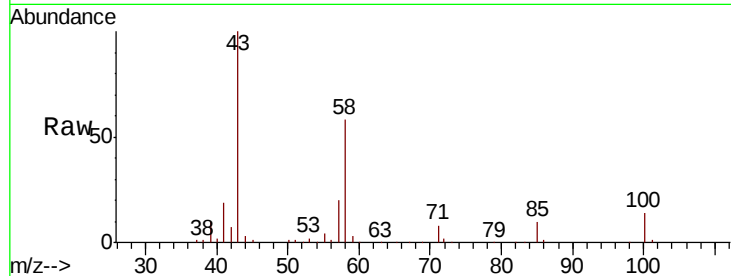




#59
2-Hexanone
Concen: 22.851 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

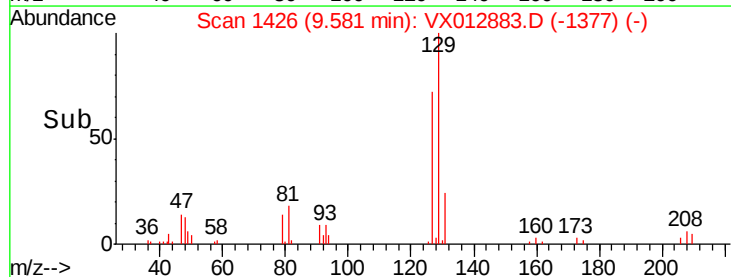
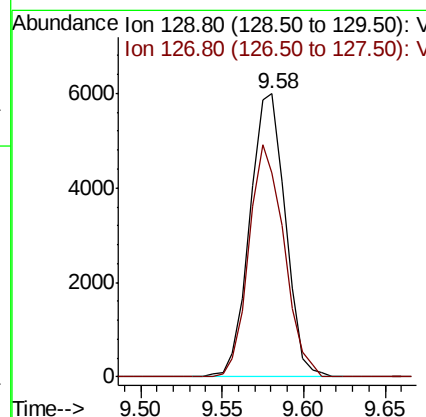
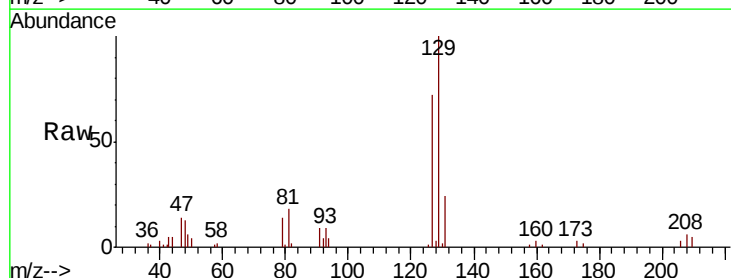
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

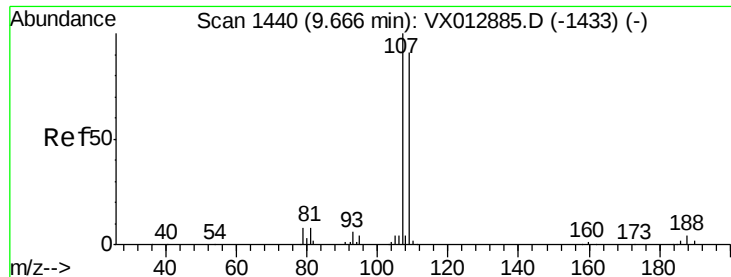
Tot Ion: 43 Resp: 63362
Ion Ratio Lower Upper
43 100
58 56.3 28.1 84.3



#60
Dibromochloromethane
Concen: 4.027 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 129 Resp: 9126
Ion Ratio Lower Upper
129 100
127 80.8 38.9 116.7

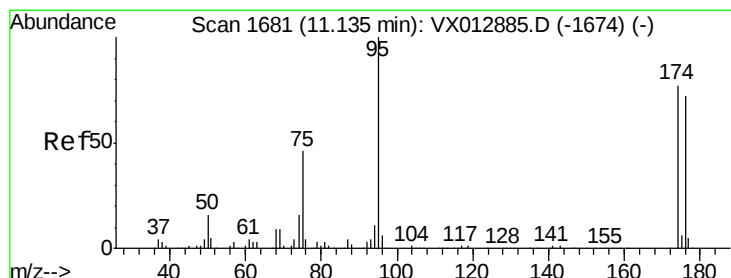
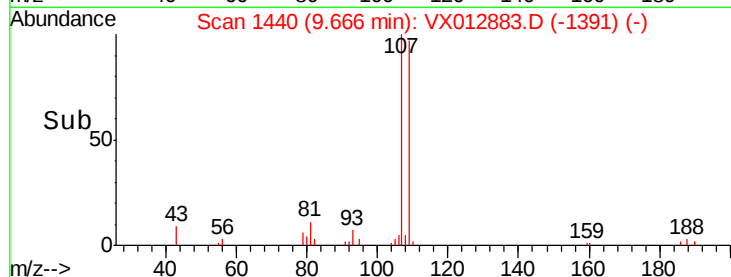
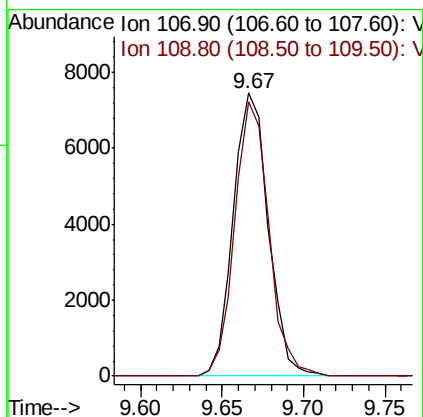
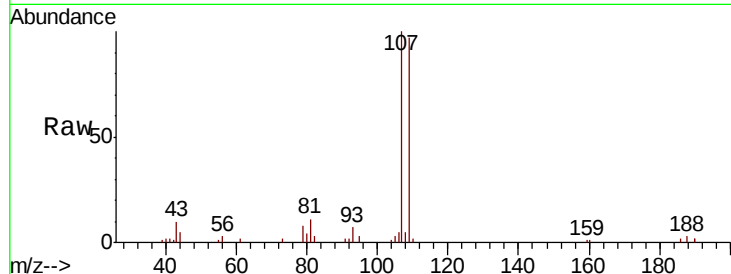




#61
 1,2-Dibromoethane
 Concen: 4.801 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

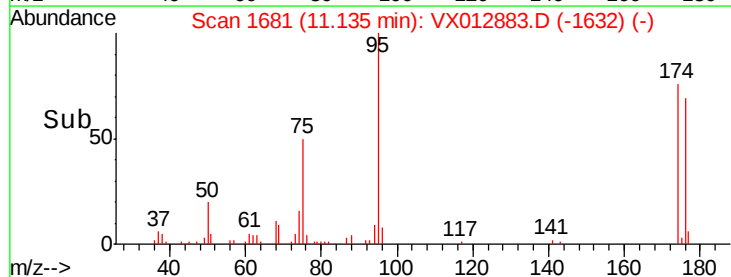
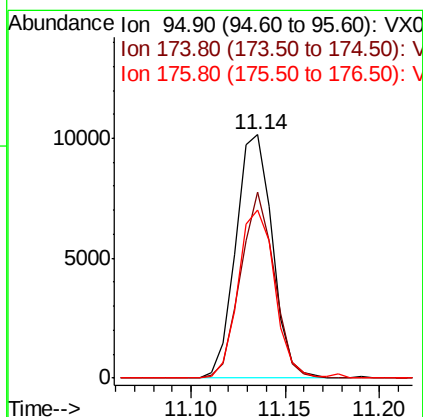
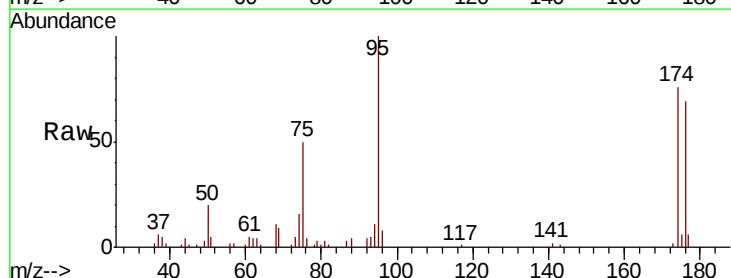
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

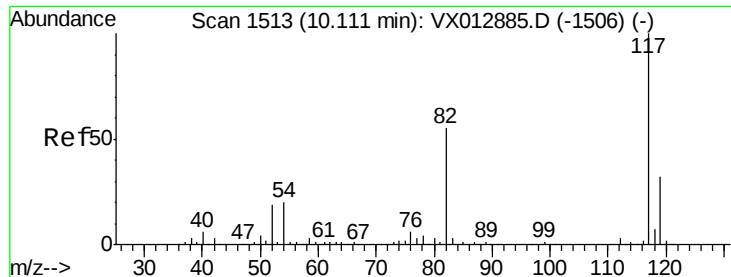
Tot Ion: 107 Resp: 11175
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.6



#62
 4-Bromofluorobenzene
 Concen: 4.771 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 95 Resp: 13666
 Ion Ratio Lower Upper
 95 100
 174 70.7 0.0 143.4
 176 69.7 0.0 136.0

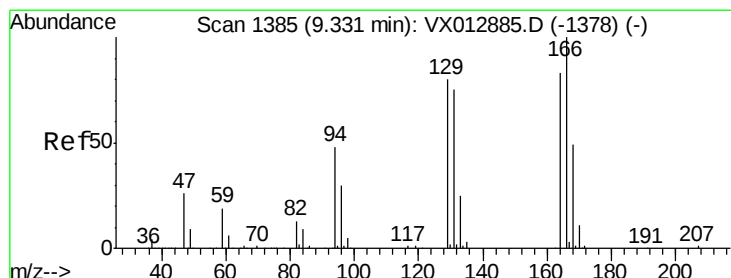
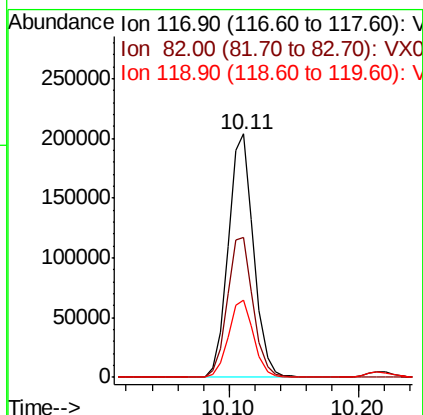
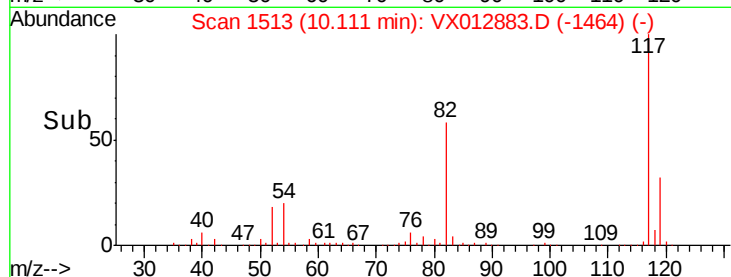
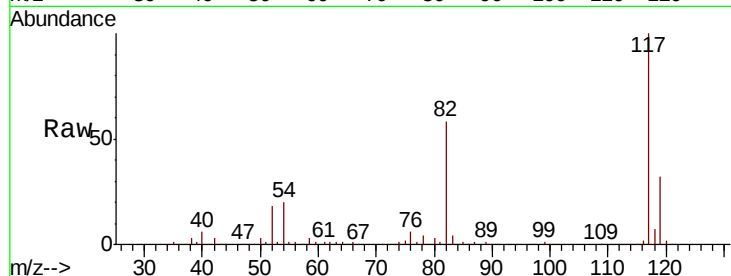




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

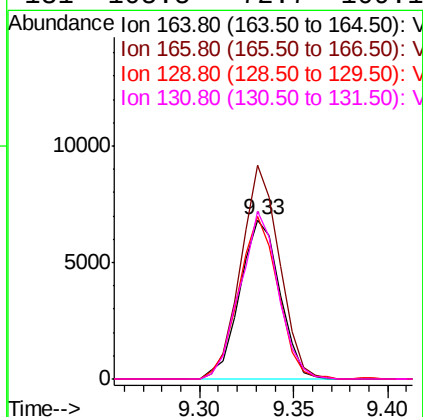
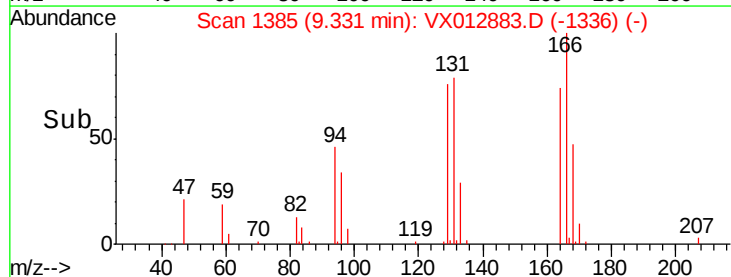
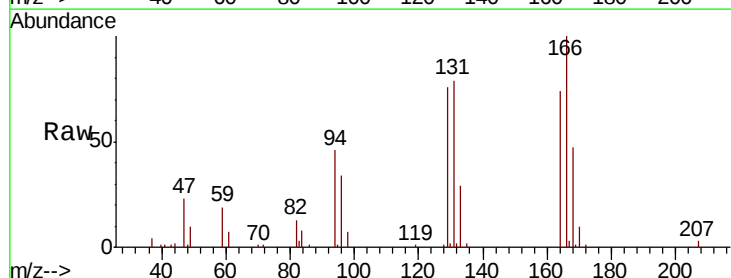
Instrument :
MSVOA_X
ClientSampled :
VSTDIC005

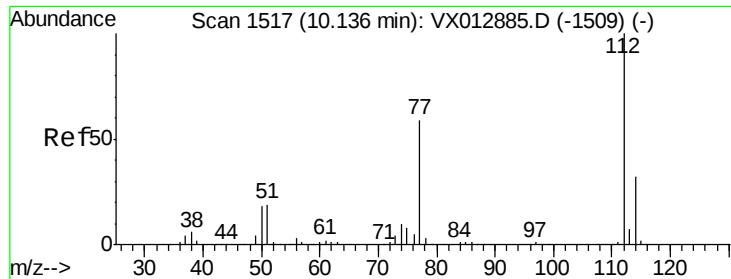
Tot Ion:117 Resp: 280084
Ion Ratio Lower Upper
117 100
82 57.7 44.1 66.1
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 5.077 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion:164 Resp: 10054
Ion Ratio Lower Upper
164 100
166 134.2 96.9 145.3
129 101.8 77.9 116.9
131 105.5 72.7 109.1

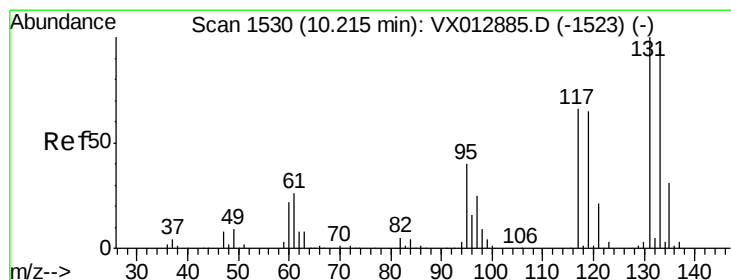
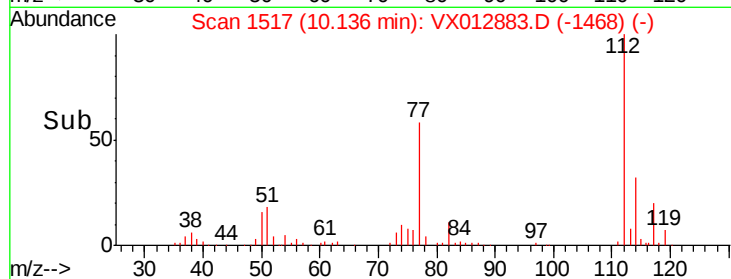
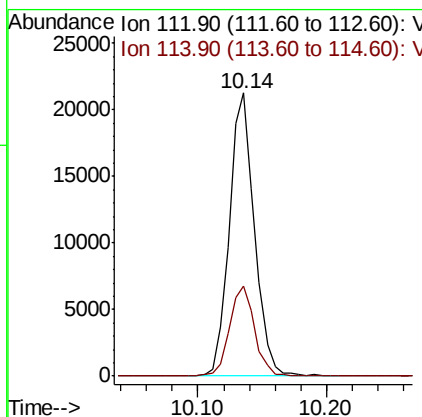
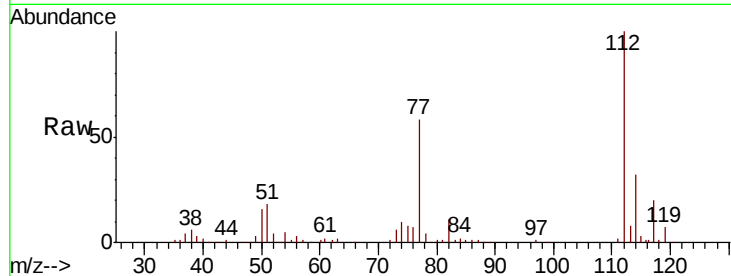




#65
Chlorobenzene
Concen: 4.906 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

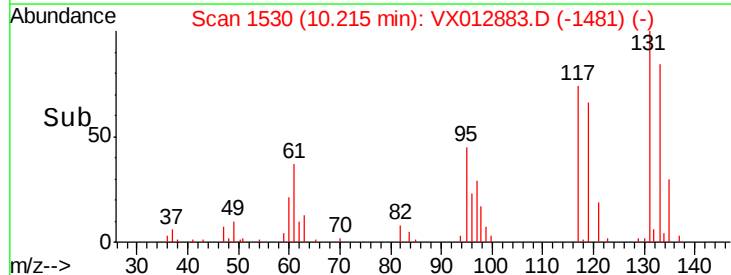
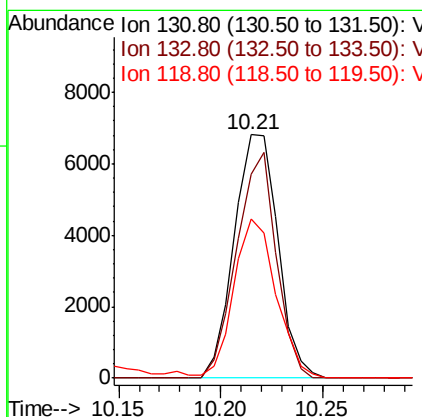
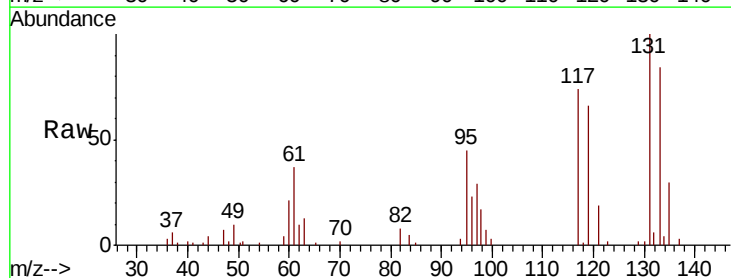
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

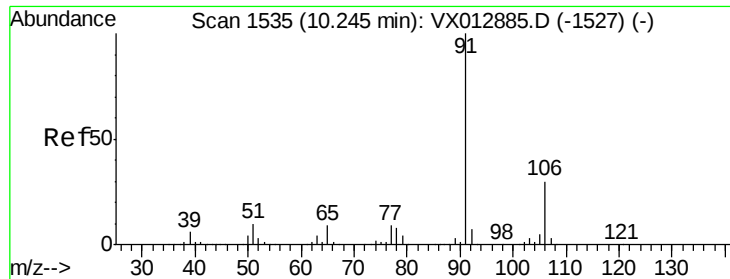
Tot Ion:112 Resp: 29009
Ion Ratio Lower Upper
112 100
114 31.7 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 4.731 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion:131 Resp: 10134
Ion Ratio Lower Upper
131 100
133 84.1 47.2 141.6
119 63.1 32.6 98.0

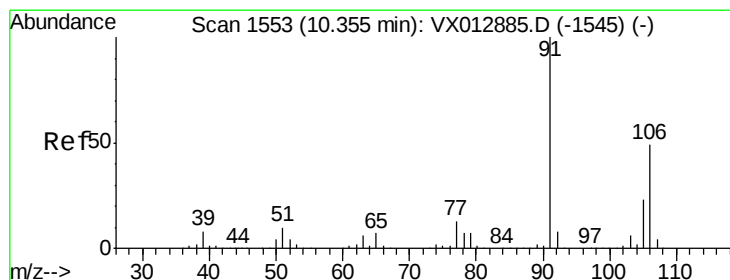
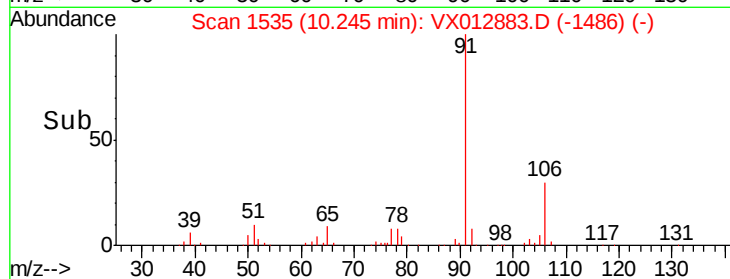
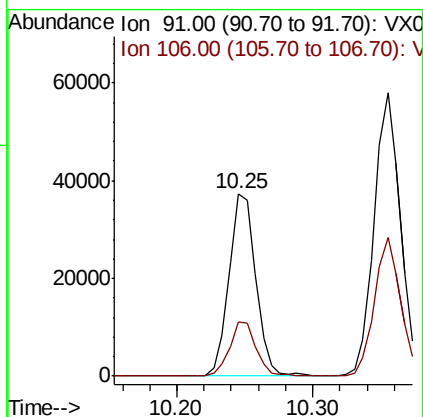
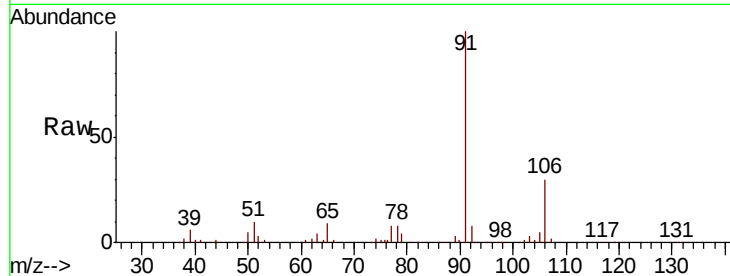




#67
Ethyl Benzene
Concen: 4.789 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

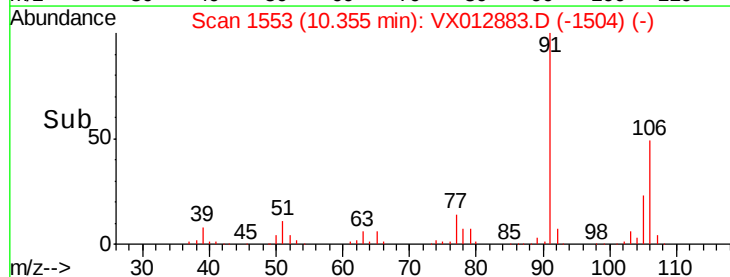
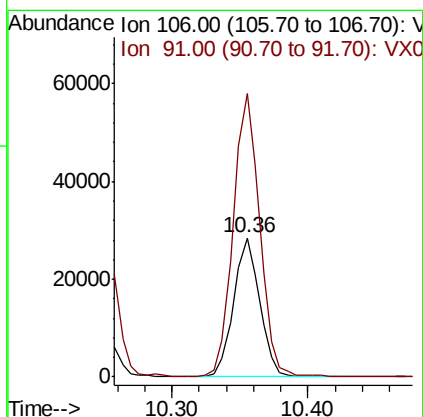
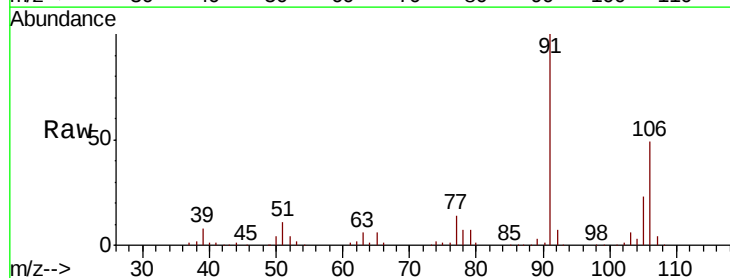
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

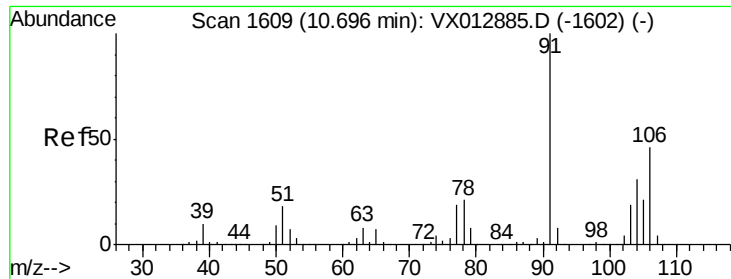
Tot Ion: 91 Resp: 51339
Ion Ratio Lower Upper
91 100
106 30.0 23.9 35.9



#68
m/p-Xylenes
Concen: 9.493 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion: 106 Resp: 38092
Ion Ratio Lower Upper
106 100
91 207.1 165.3 247.9

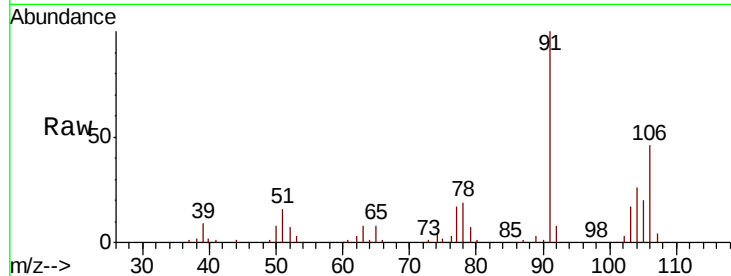




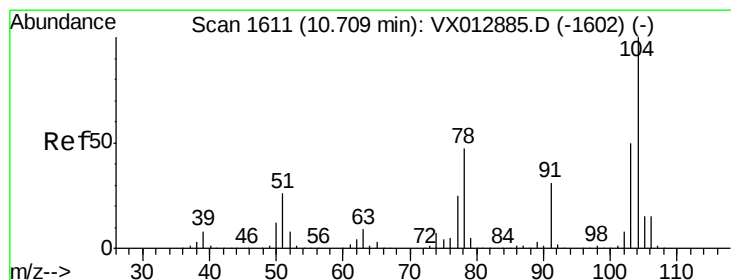
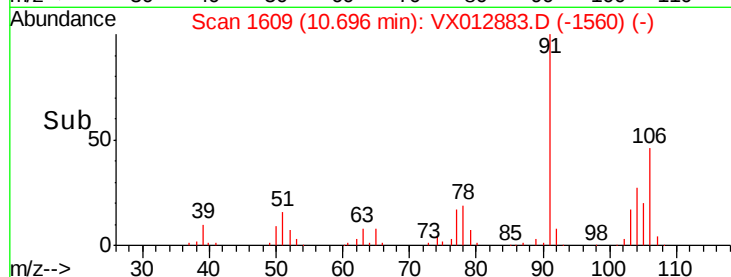
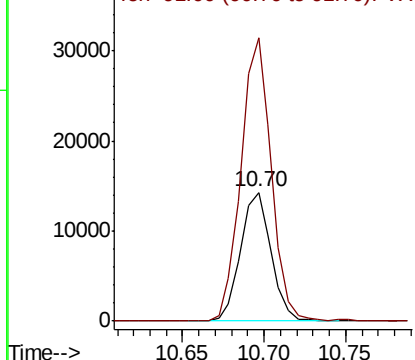
#69
o-Xylene
Concen: 4.801 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:106 Resp: 18667
Ion Ratio Lower Upper
106 100
91 217.9 109.1 327.3

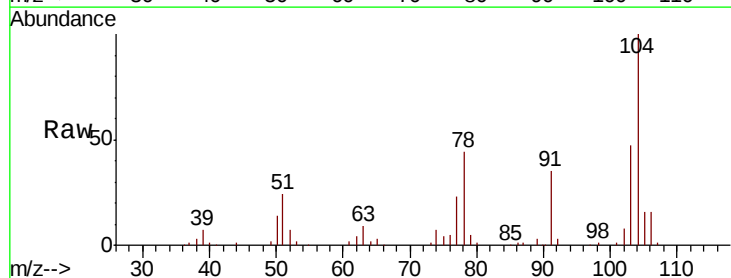


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

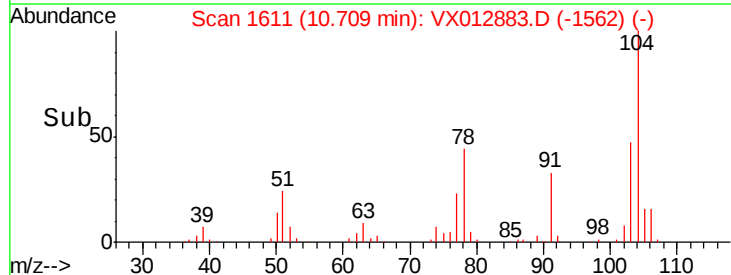
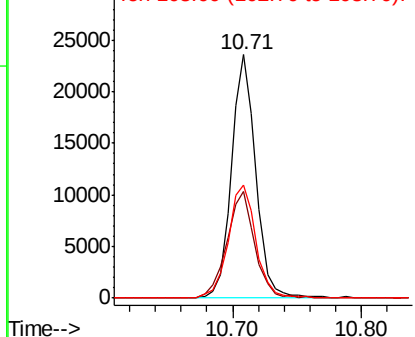


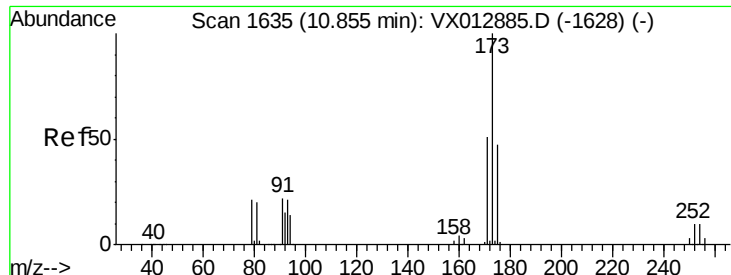
#70
Styrene
Concen: 4.757 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion:104 Resp: 31039
Ion Ratio Lower Upper
104 100
78 50.0 41.2 61.8
103 53.1 43.0 64.4



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: 3.969 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

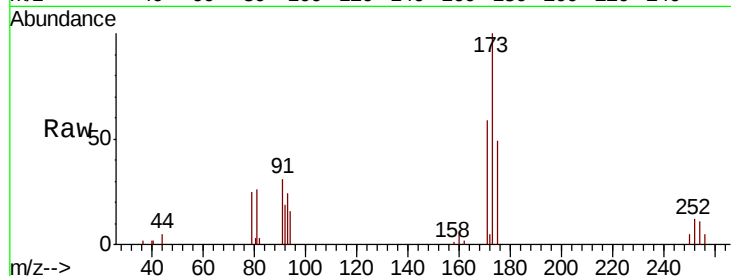
Tot Ion:173 Resp: 5954

Ion Ratio Lower Upper

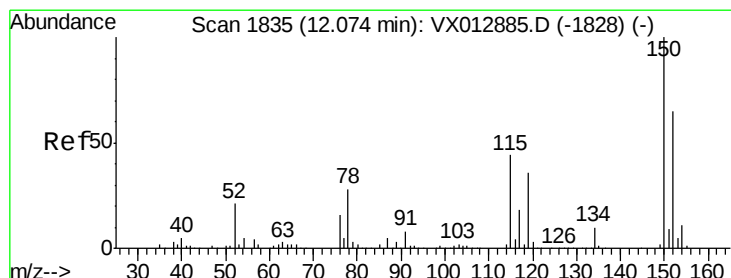
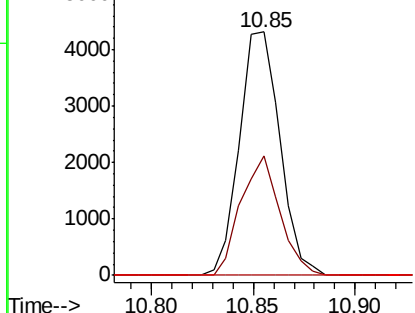
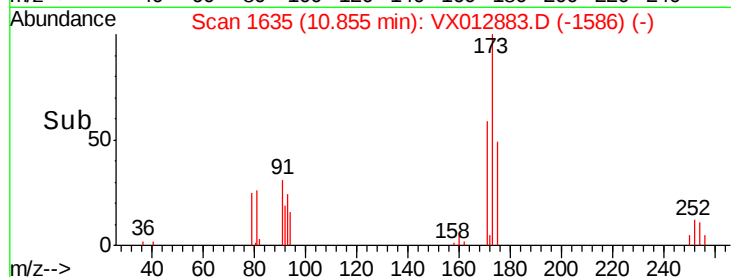
173 100

175 47.4 24.1 72.3

254 0.0 0.1 0.1#



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: VX012883.D

Acq: 08 Oct 2019 11:27

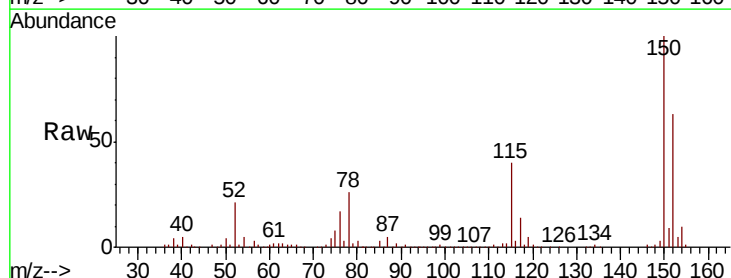
Tgt Ion:152 Resp: 124152

Ion Ratio Lower Upper

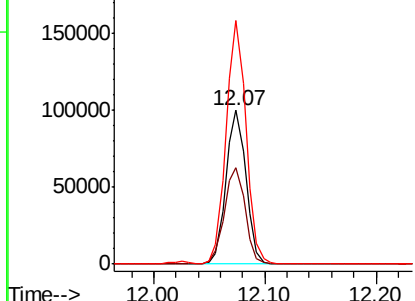
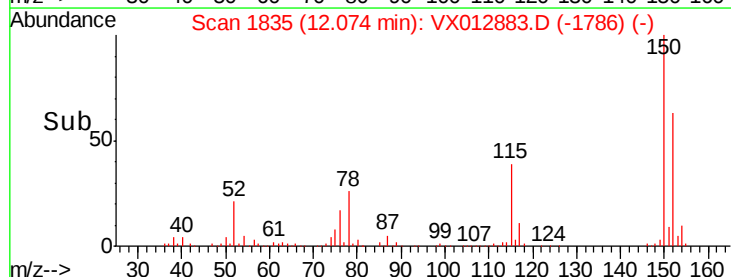
152 100

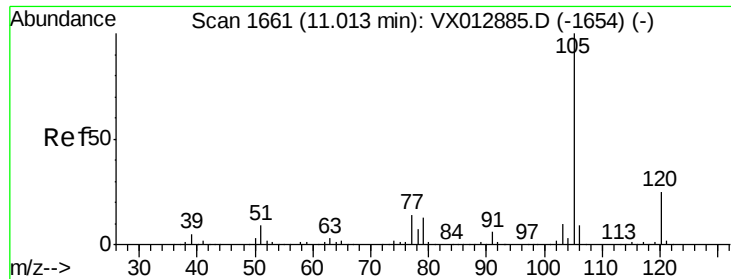
115 65.6 44.5 133.5

150 157.0 0.0 353.4



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: 4.845 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

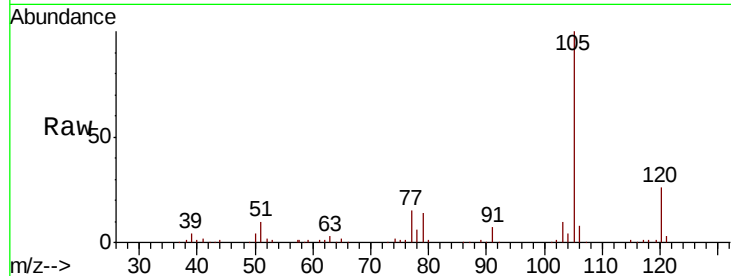
VSTDIC005

Tot Ion:105 Resp: 49022

Ion Ratio Lower Upper

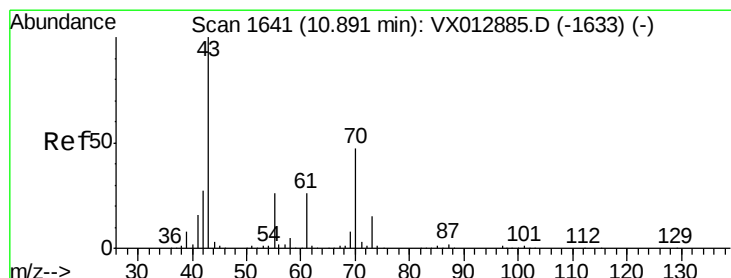
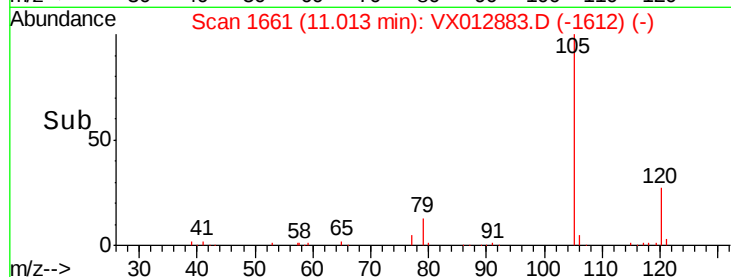
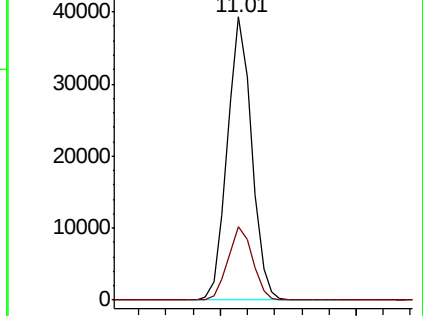
105 100

120 26.2 13.0 39.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 4.288 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Tgt Ion: 43 Resp: 20358

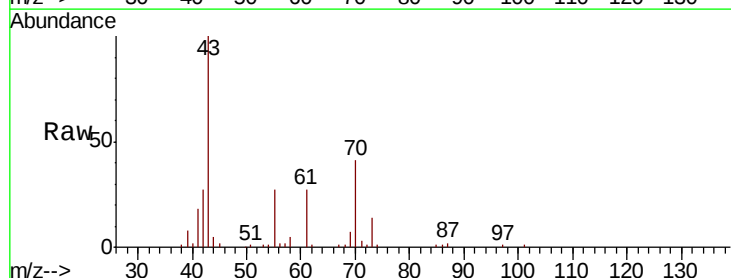
Ion Ratio Lower Upper

43 100

70 43.1 36.4 54.6

55 25.7 20.2 30.2

61 25.4 20.5 30.7

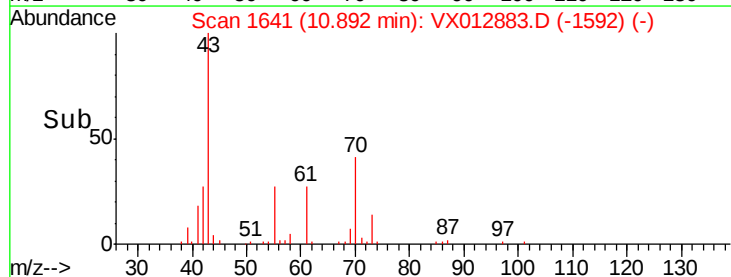
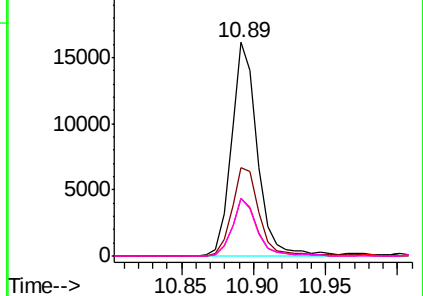


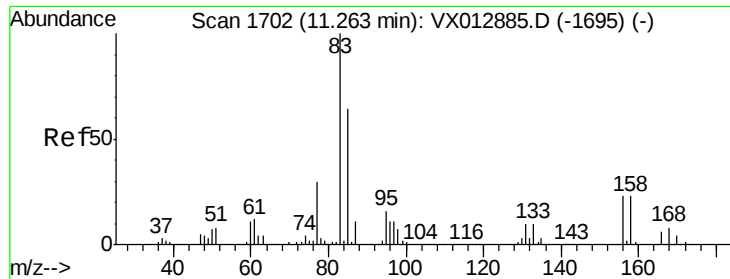
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 5.014 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

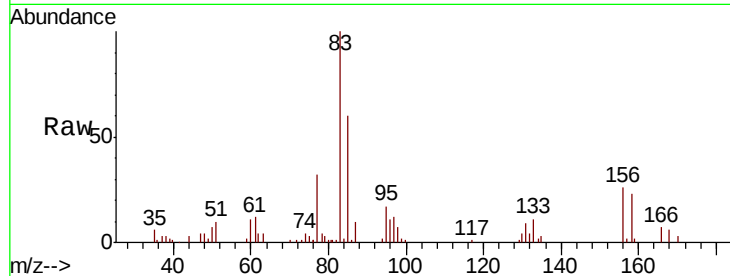
Tot Ion: 83 Resp: 16704

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.3

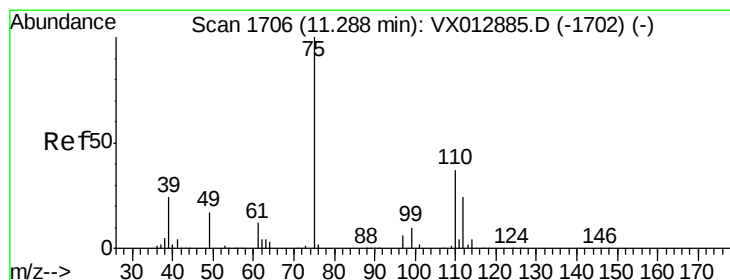
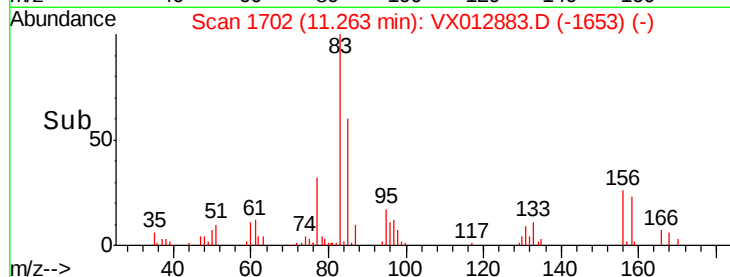
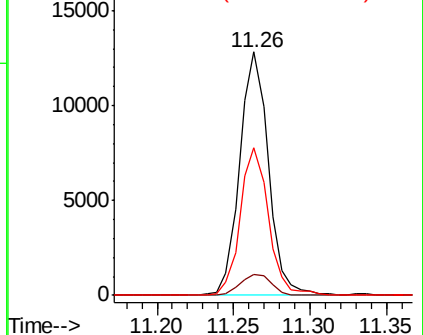
85 59.8 32.1 96.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 5.582 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX012883.D

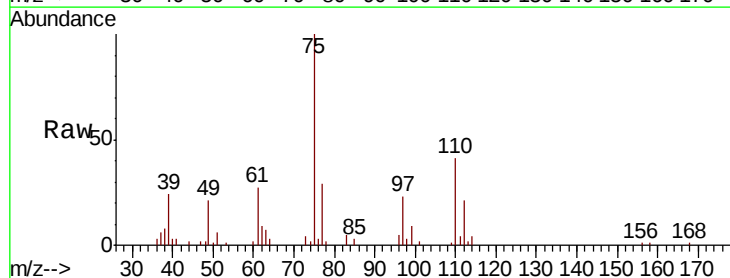
Acq: 08 Oct 2019 11:27

Tgt Ion: 75 Resp: 17727

Ion Ratio Lower Upper

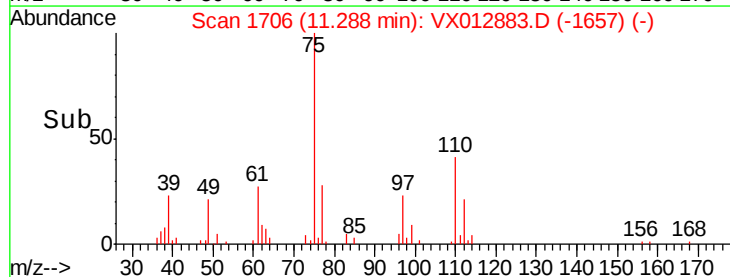
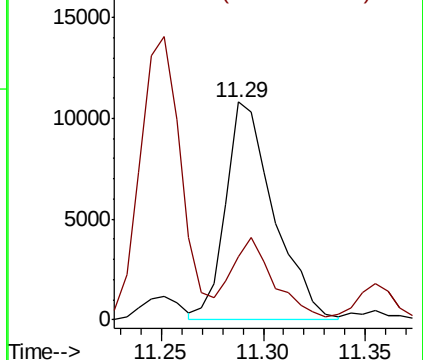
75 100

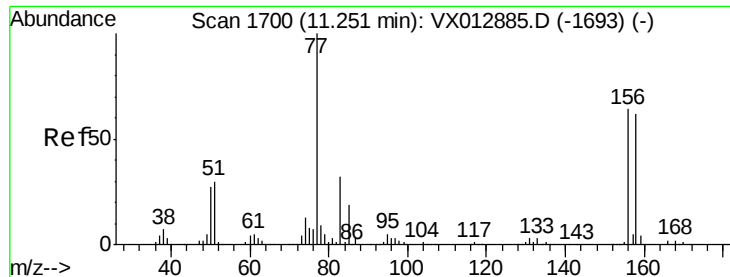
77 32.9 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 5.114 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

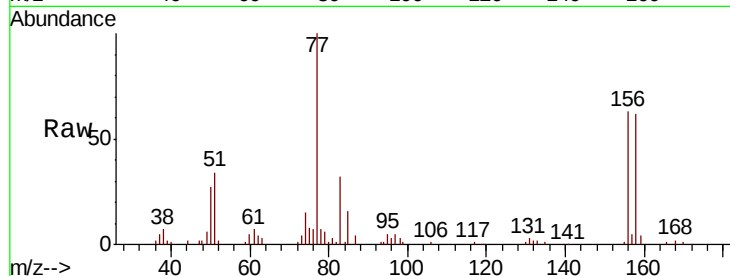
Tot Ion:156 Resp: 11754

Ion Ratio Lower Upper

156 100

77 166.7 83.7 251.0

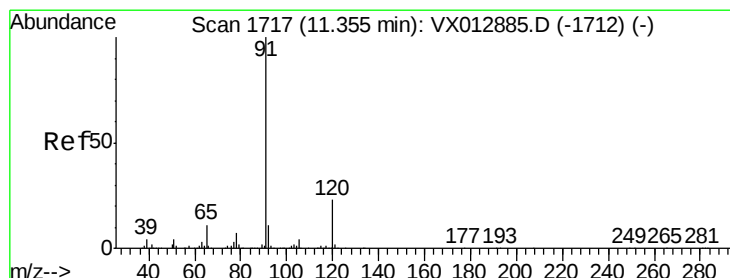
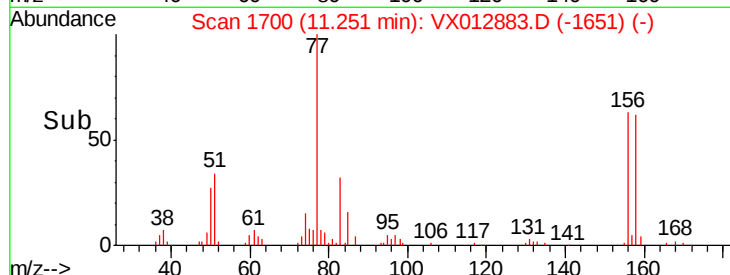
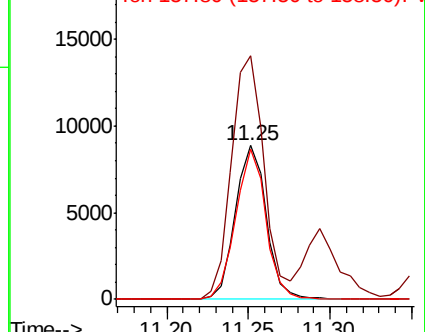
158 94.4 48.6 145.9



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: 4.611 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012883.D

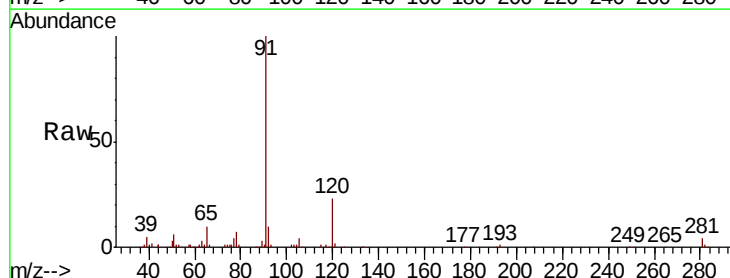
Acq: 08 Oct 2019 11:27

Tgt Ion: 91 Resp: 52256

Ion Ratio Lower Upper

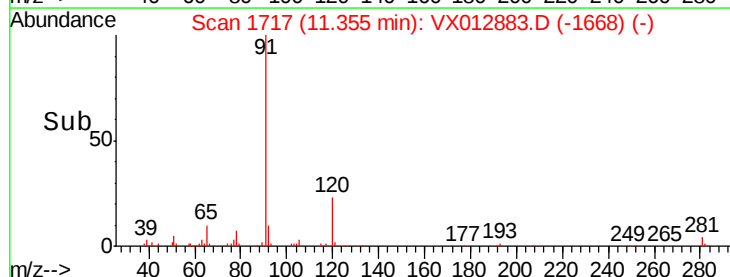
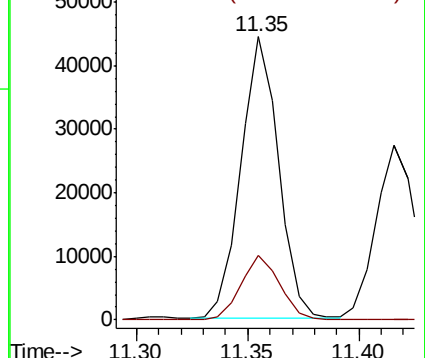
91 100

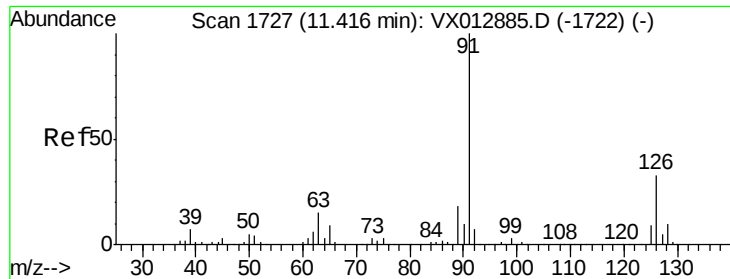
120 23.8 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

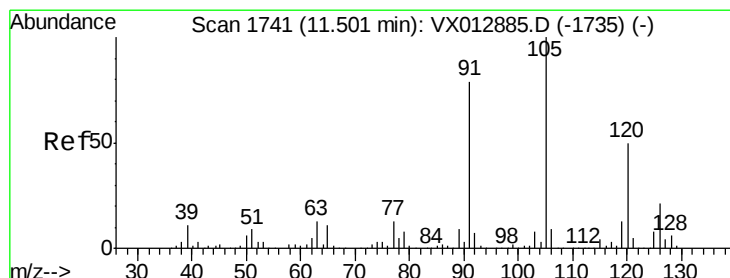
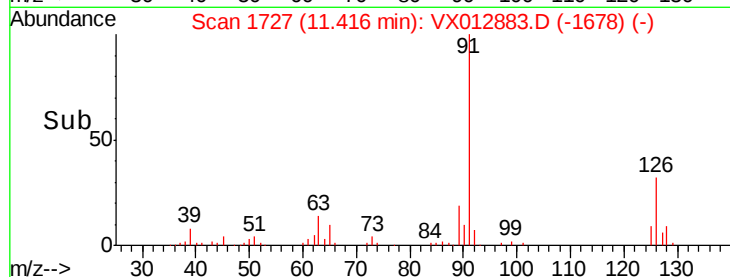
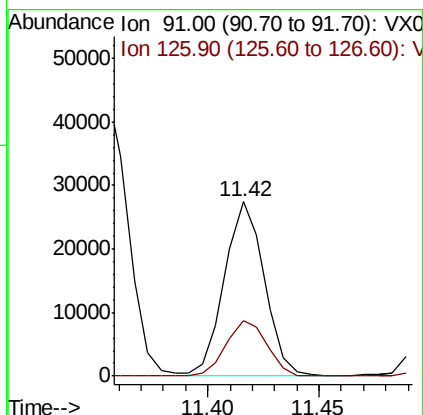
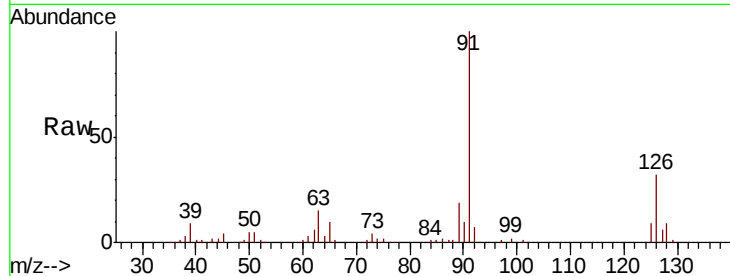




#79
 2-Chlorotoluene
 Concen: 4.805 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

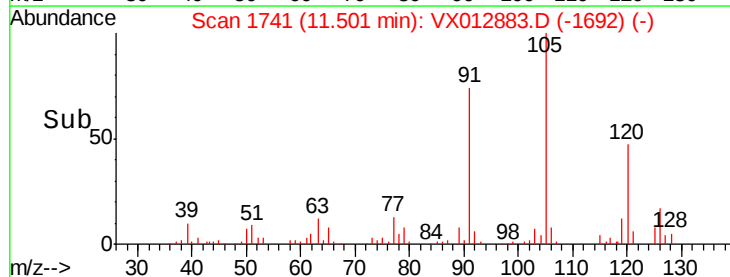
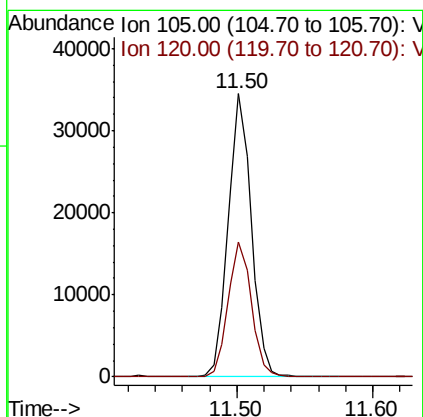
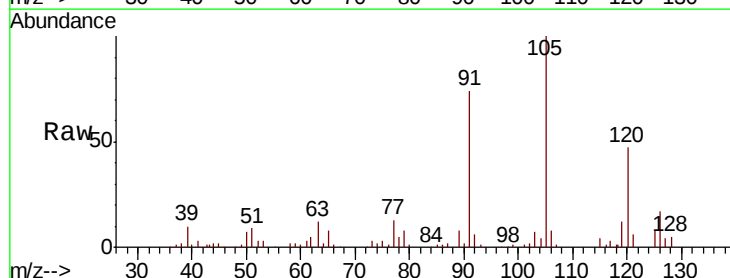
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

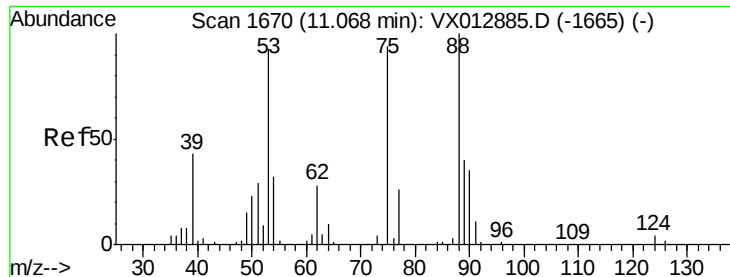
Tot Ion: 91 Resp: 34043
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 4.803 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 105 Resp: 40729
 Ion Ratio Lower Upper
 105 100
 120 48.0 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 3.309 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

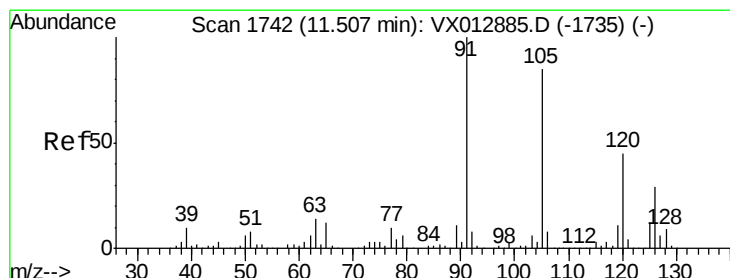
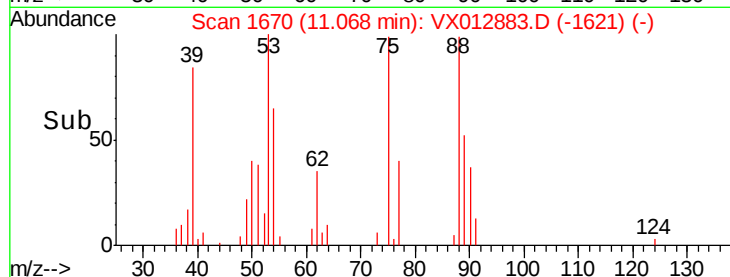
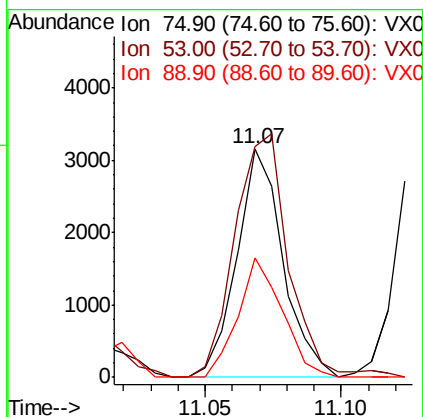
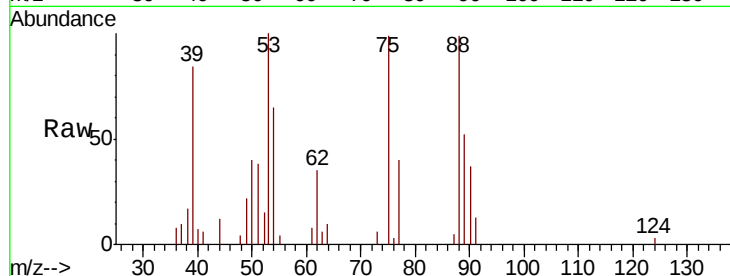
Tot Ion: 75 Resp: 3732

Ion Ratio Lower Upper

75 100

53 123.6 78.5 117.7#

89 50.0 37.4 56.2



#82

4-Chlorotoluene

Concen: 4.732 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012883.D

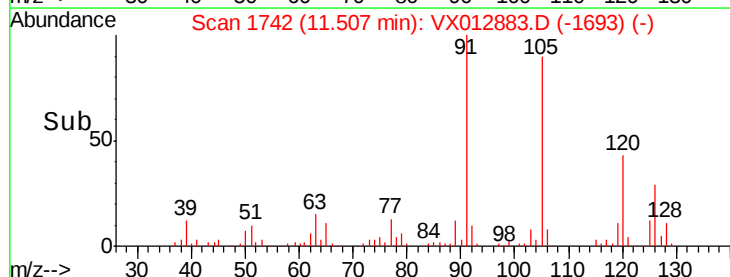
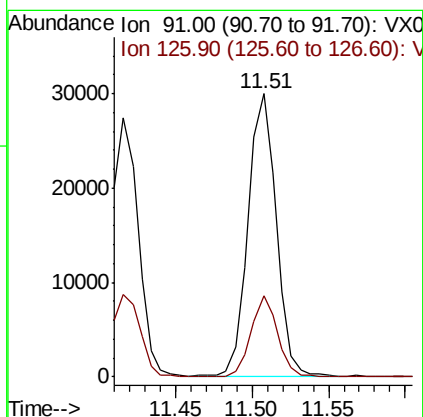
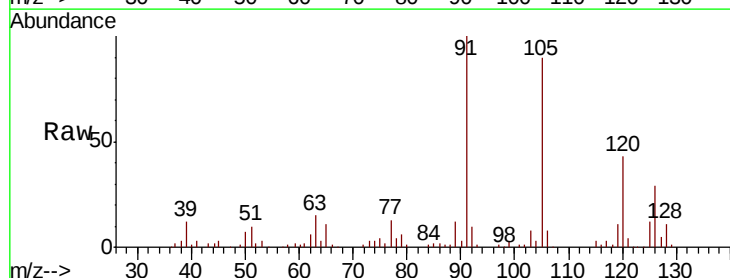
Acq: 08 Oct 2019 11:27

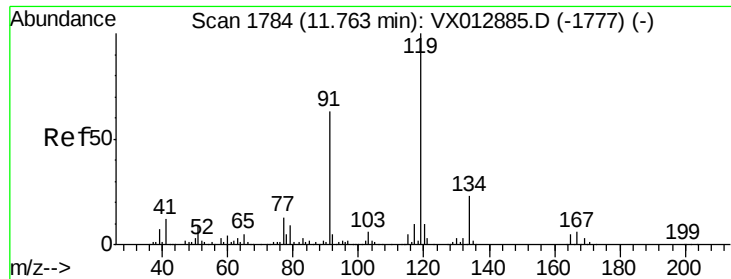
Tgt Ion: 91 Resp: 38247

Ion Ratio Lower Upper

91 100

126 27.2 14.2 42.6

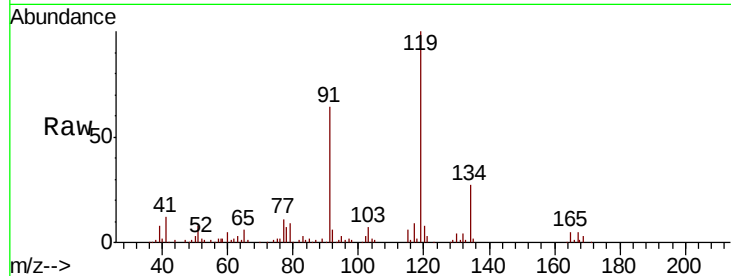




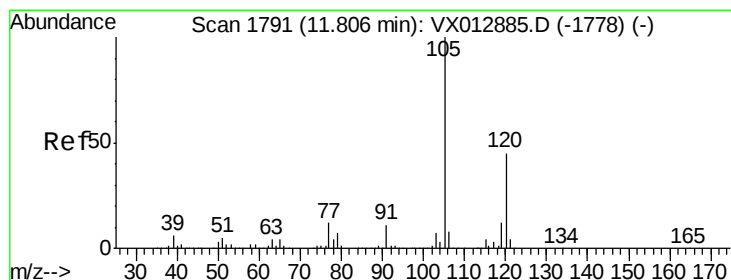
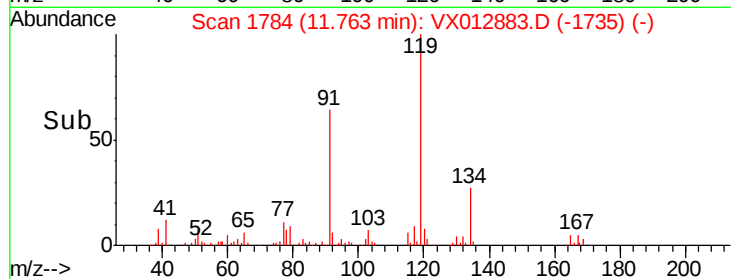
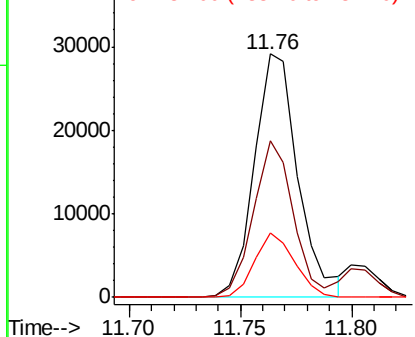
#83
tert-Butylbenzene
Concen: 4.840 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tot Ion:119 Resp: 39752
Ion Ratio Lower Upper
119 100
91 58.6 29.3 87.9
134 24.5 11.5 34.4

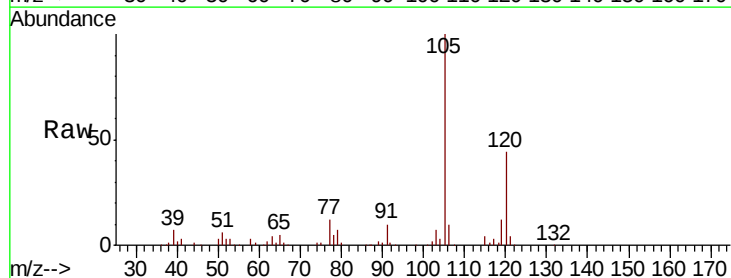


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX0
Ion 134.00 (133.70 to 134.70): V

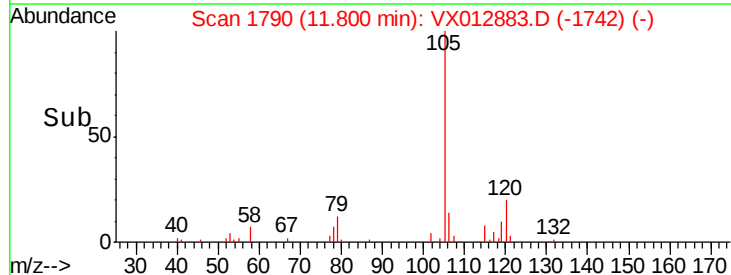
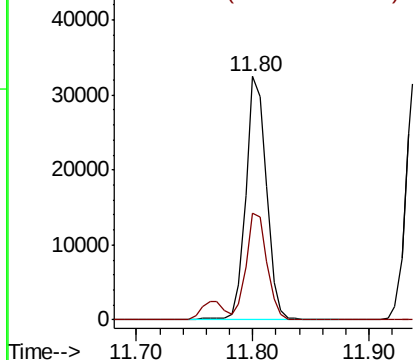


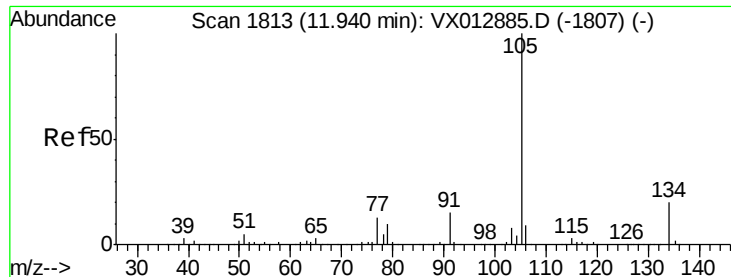
#84
1,2,4-Trimethylbenzene
Concen: 4.697 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX012883.D
Acq: 08 Oct 2019 11:27

Tgt Ion:105 Resp: 40263
Ion Ratio Lower Upper
105 100
120 44.1 21.8 65.3



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





#85

sec-Butylbenzene

Concen: 4.802 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

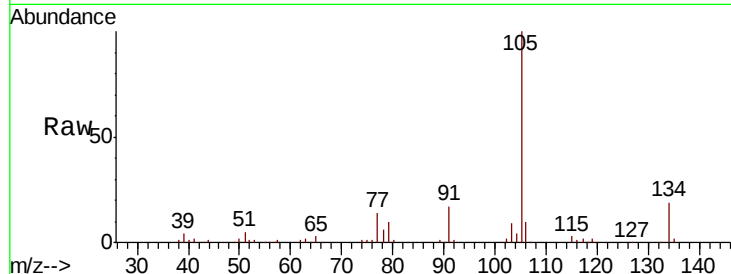
VSTDIC005

Tot Ion:105 Resp: 45840

Ion Ratio Lower Upper

105 100

134 19.5 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

40000

30000

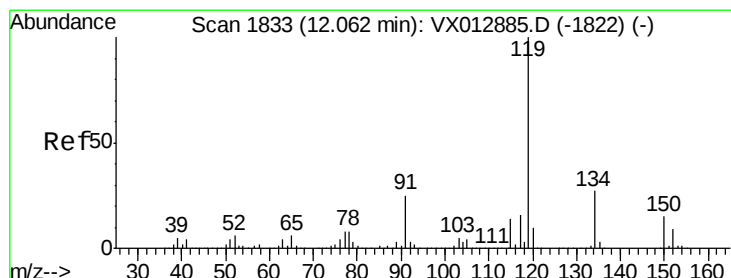
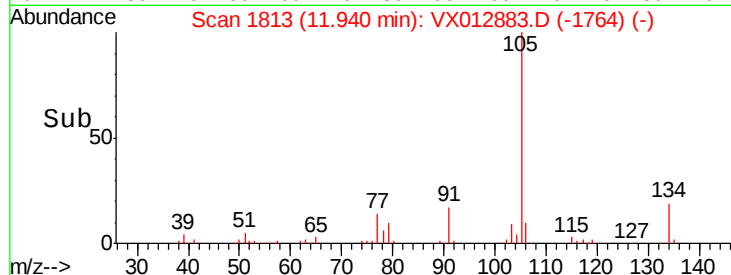
20000

10000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 4.791 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

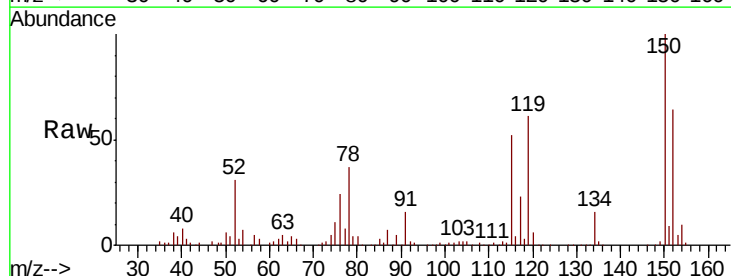
Tgt Ion:119 Resp: 41232

Ion Ratio Lower Upper

119 100

134 24.9 12.6 37.8

91 25.6 12.4 37.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

40000

30000

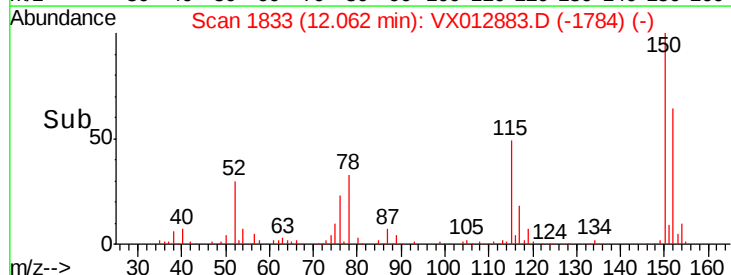
20000

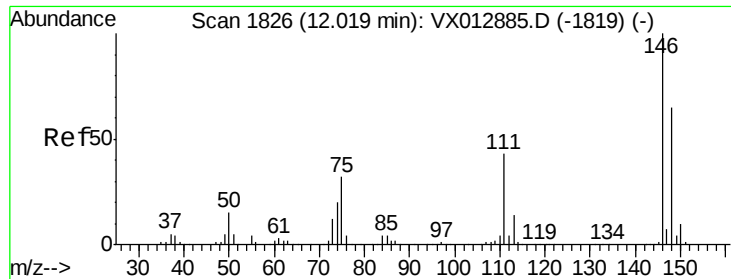
10000

0

12.00 12.10

Time-->

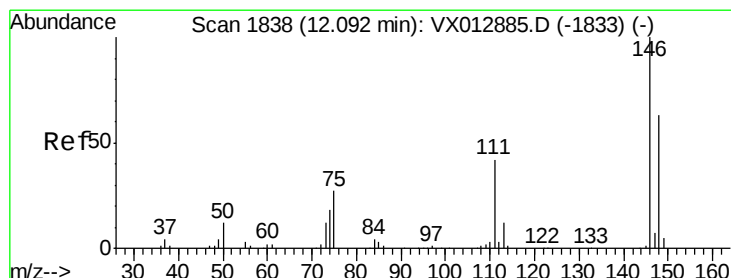
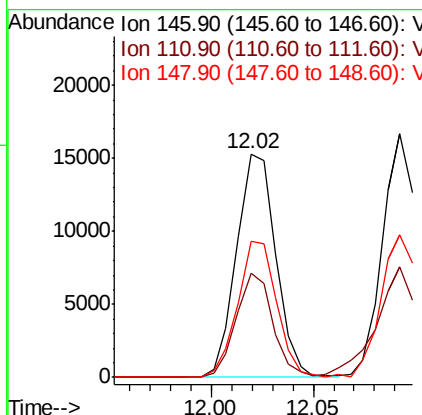
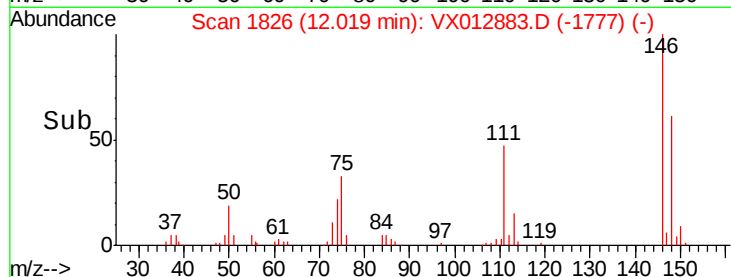
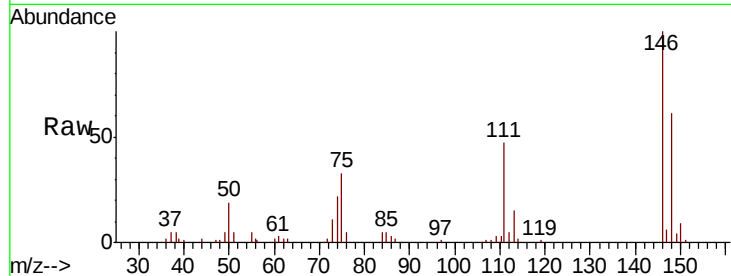




#87
 1,3-Dichlorobenzene
 Concen: 4.937 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

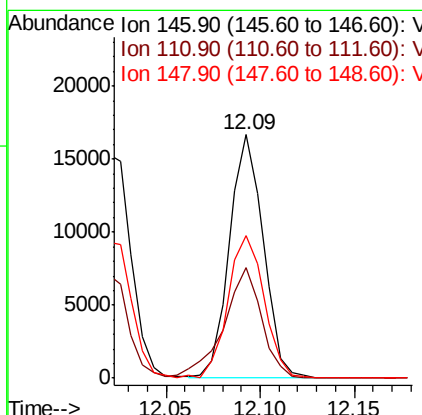
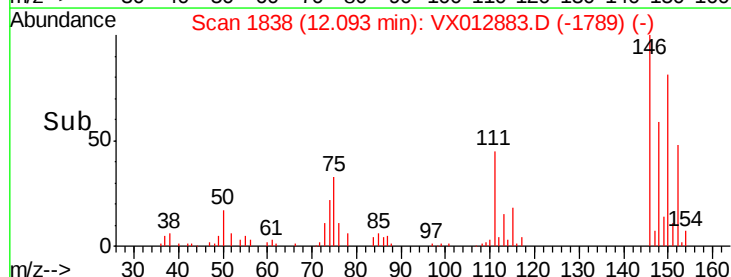
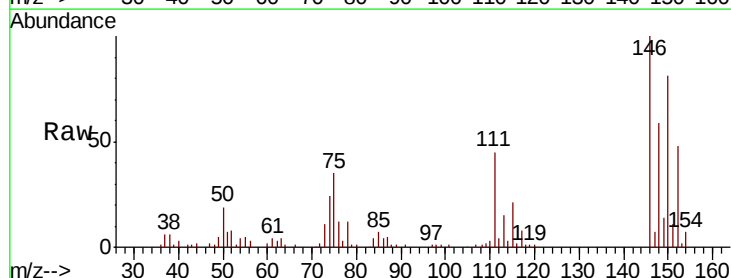
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

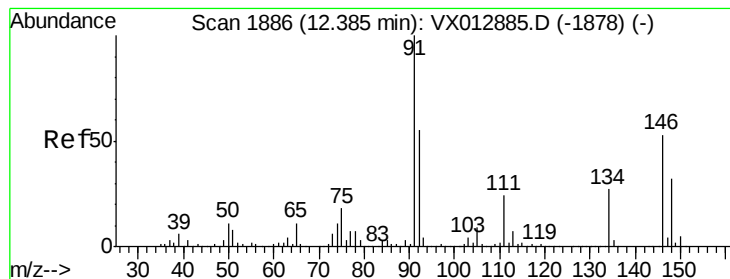
Tot Ion:146 Resp: 20497
 Ion Ratio Lower Upper
 146 100
 111 43.3 21.1 63.4
 148 60.7 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 4.933 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion:146 Resp: 20614
 Ion Ratio Lower Upper
 146 100
 111 51.2 21.4 64.3
 148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 4.377 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

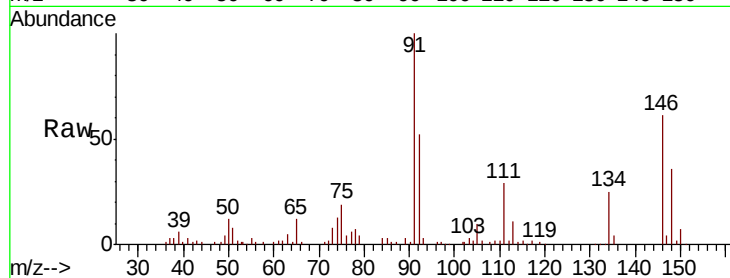
Tot Ion: 91 Resp: 33052

Ion Ratio Lower Upper

91 100

92 53.0 27.5 82.5

134 24.8 12.9 38.7

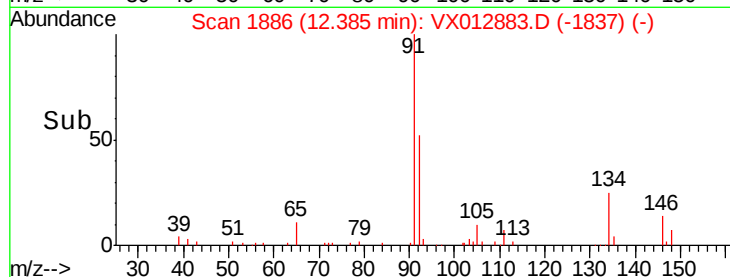


Abundance Ion 91.00 (90.70 to 91.70): VX012883.D (-1878) (-)

Ion 92.00 (91.70 to 92.70): VX012883.D (-1878) (-)

Ion 134.00 (133.70 to 134.70): VX012883.D (-1878) (-)

Time-->

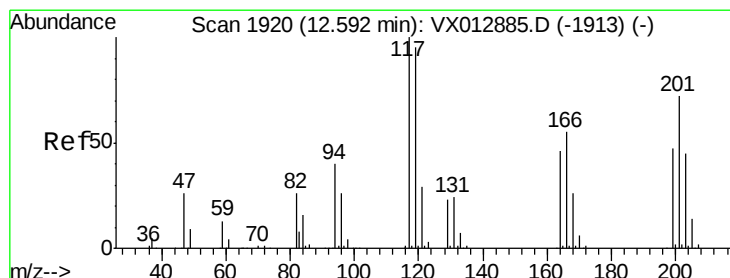


Abundance Ion 91.00 (90.70 to 91.70): VX012883.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX012883.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX012883.D (-1837) (-)

Time-->



#90

Hexachloroethane

Concen: 3.873 ug/l

RT: 12.59 min Scan# 1920

Delta R.T. 0.00 min

Lab File: VX012883.D

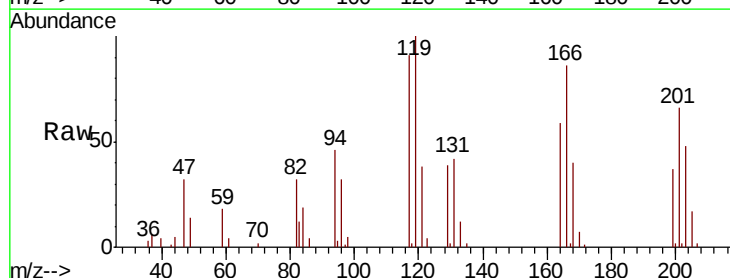
Acq: 08 Oct 2019 11:27

Tgt Ion: 117 Resp: 5908

Ion Ratio Lower Upper

117 100

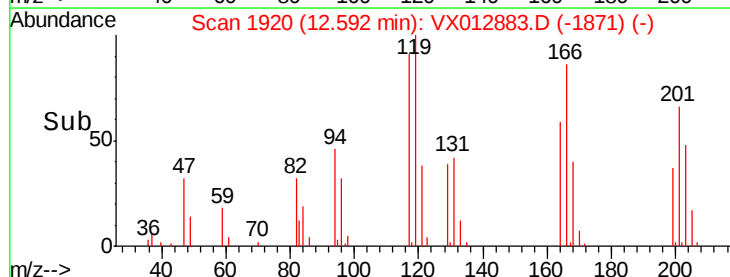
201 71.0 36.9 110.7



Abundance Ion 116.80 (116.50 to 117.50): VX012883.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012883.D (-1871) (-)

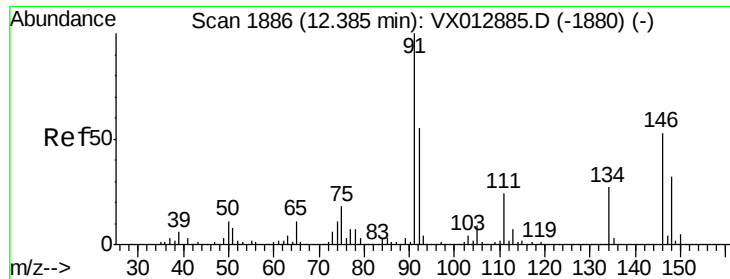
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX012883.D (-1871) (-)

Ion 200.70 (200.40 to 201.40): VX012883.D (-1871) (-)

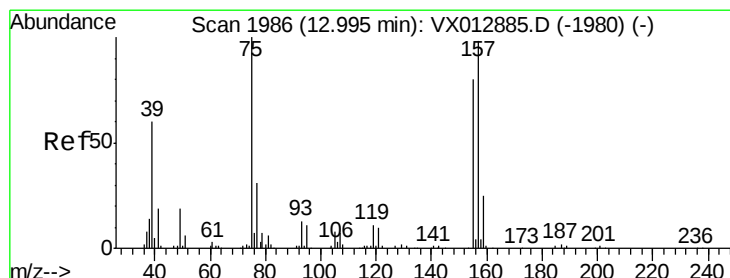
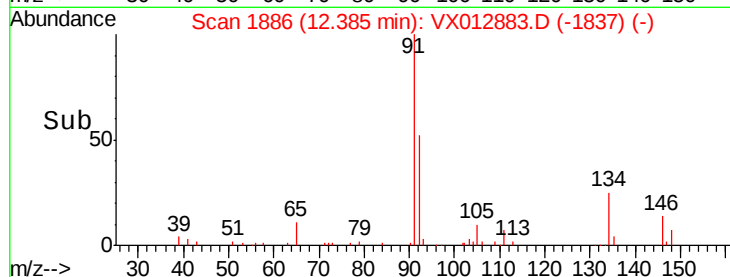
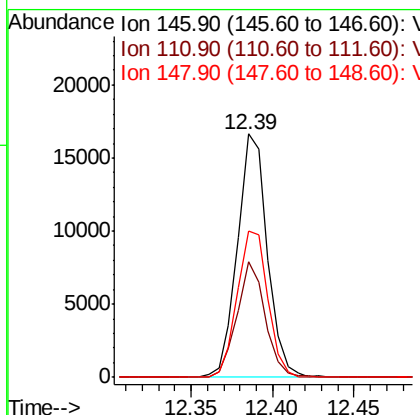
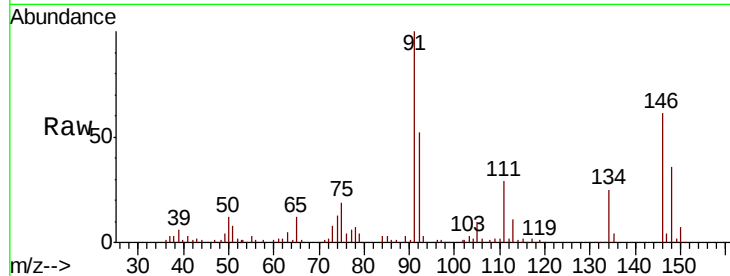
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 5.142 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

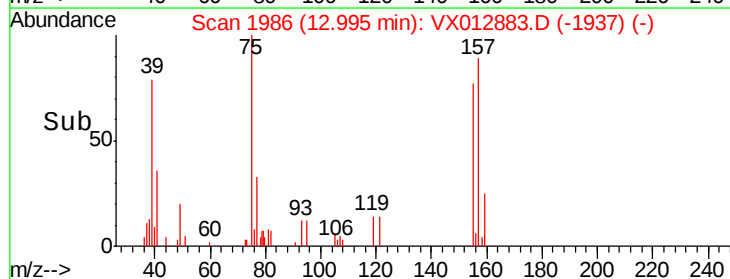
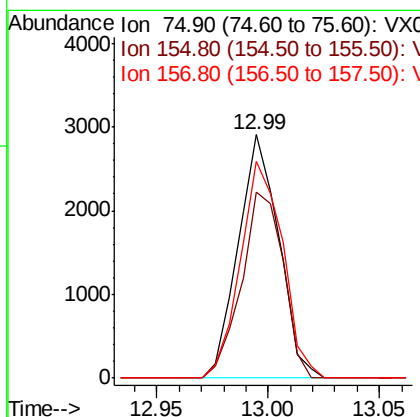
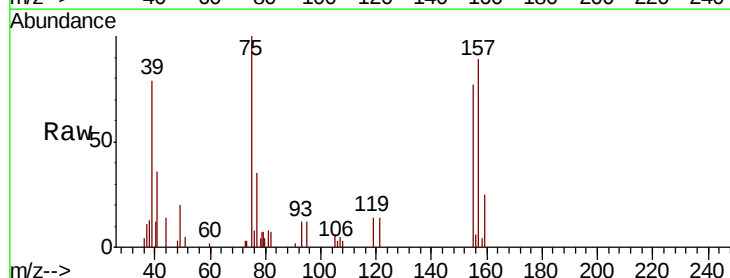
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

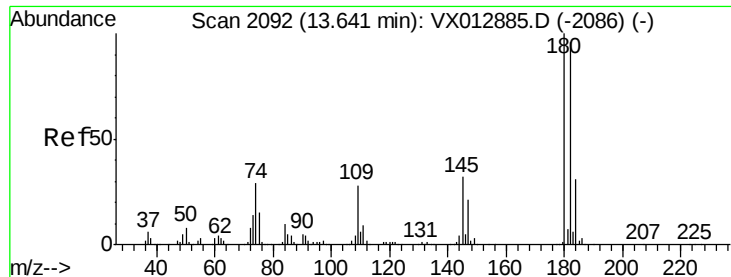
Tot Ion:146 Resp: 21279
 Ion Ratio Lower Upper
 146 100
 111 45.0 22.7 68.0
 148 61.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.463 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion: 75 Resp: 3689
 Ion Ratio Lower Upper
 75 100
 155 78.9 43.0 128.8
 157 92.9 54.1 162.3

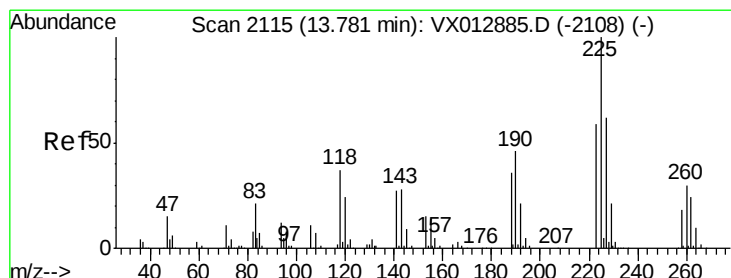
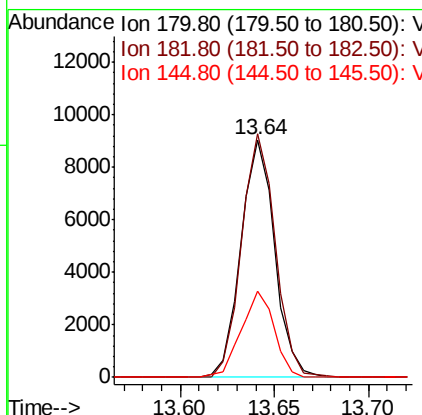
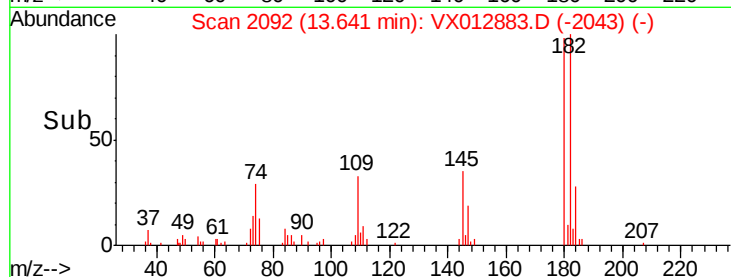
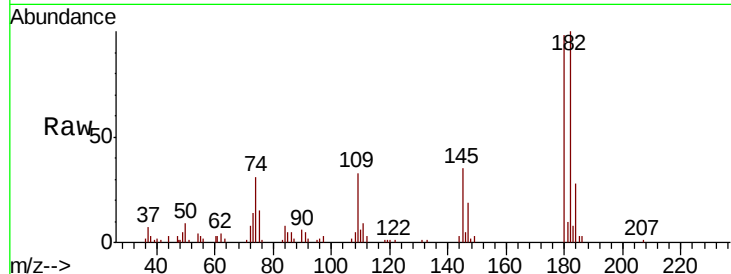




#93
 1,2,4-Trichlorobenzene
 Concen: 4.417 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

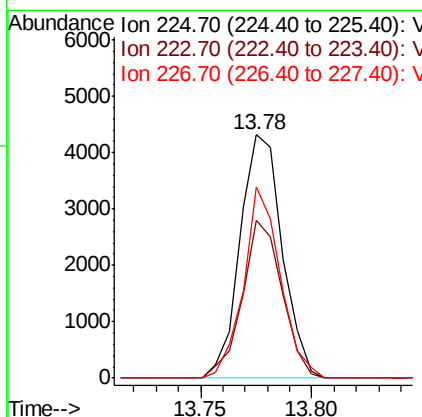
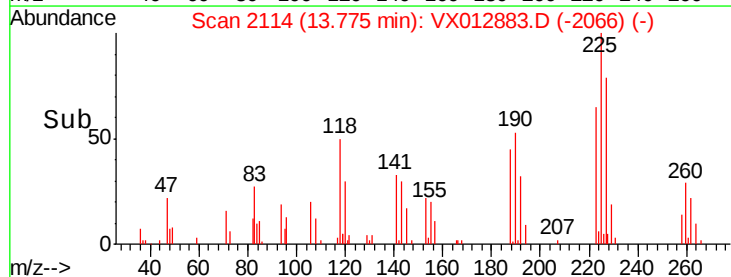
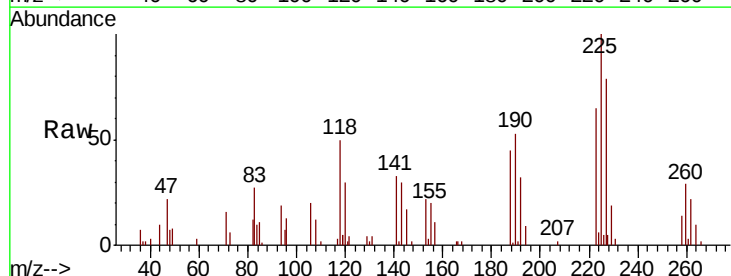
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

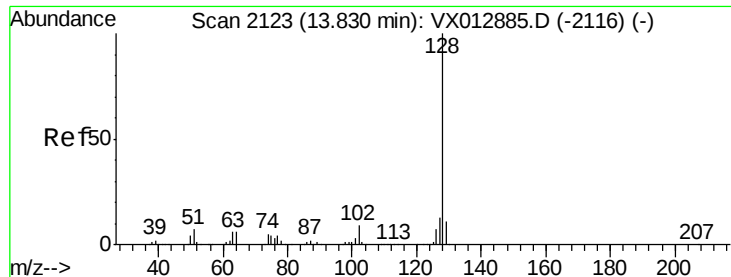
Tot Ion	Ratio	Lower	Upper
180	100		
182	102.1	46.8	140.4
145	35.5	16.2	48.6



#94
 Hexachlorobutadiene
 Concen: 5.169 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012883.D
 Acq: 08 Oct 2019 11:27

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.0	31.1	93.2
227	68.4	32.3	96.9





#95

Naphthalene

Concen: 4.440 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

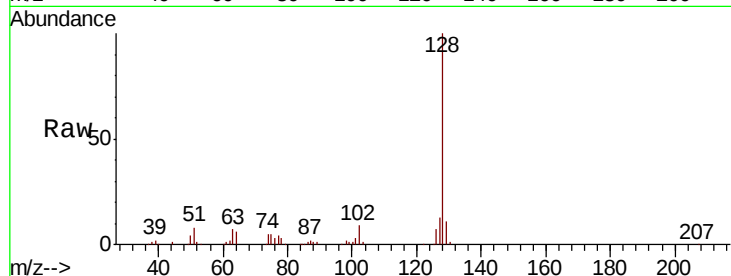
Tot Ion:128 Resp: 40420

Ion Ratio Lower Upper

128 100

127 13.6 10.2 15.4

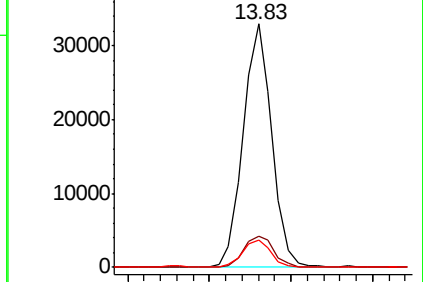
129 11.1 8.8 13.2



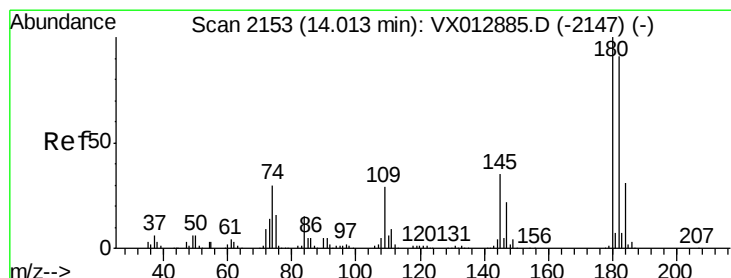
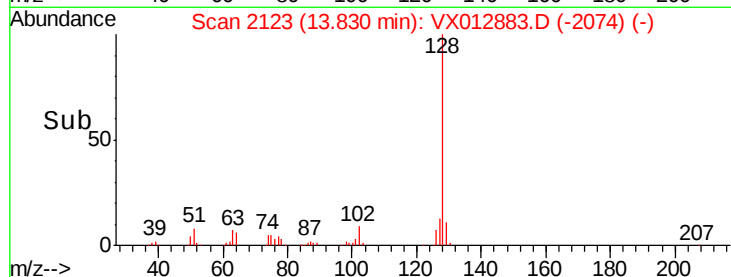
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 4.966 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX012883.D

Acq: 08 Oct 2019 11:27

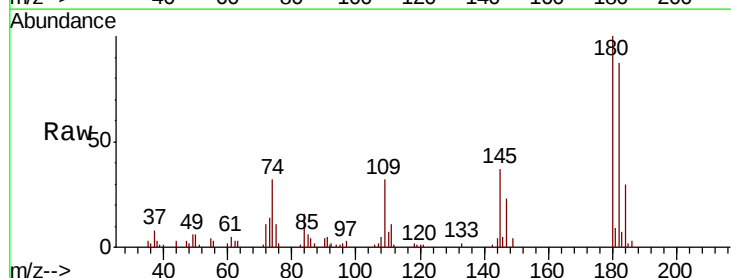
Tgt Ion:180 Resp: 12616

Ion Ratio Lower Upper

180 100

182 88.1 47.5 142.5

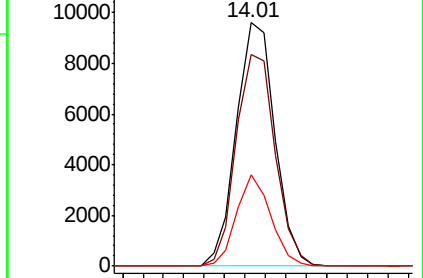
145 33.2 17.4 52.3



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



Time--> 13.95 14.00 14.05

