

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012884.D
 Acq On : 08 Oct 2019 11:50
 Operator : JC/SP
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Quant Time: Oct 09 01:21:12 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	210940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	361749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	320912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	145958	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	45387	15.02	ug/l	0.00
Spiked Amount			Recovery	=	30.04%	
35) Dibromofluoromethane	5.49	113	34810	16.06	ug/l	0.00
Spiked Amount			Recovery	=	32.12%	
50) Toluene-d8	8.71	98	137427	16.42	ug/l	0.00
Spiked Amount			Recovery	=	32.84%	
62) 4-Bromofluorobenzene	11.14	95	52212	15.87	ug/l	0.00
Spiked Amount			Recovery	=	31.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	39655	16.605	ug/l	96
3) Chloromethane	1.32	50	41896	15.536	ug/l	93
4) Vinyl Chloride	1.40	62	43202	16.057	ug/l	98
5) Bromomethane	1.63	94	21482	20.147	ug/l	97
6) Chloroethane	1.72	64	25957	14.426	ug/l	100
7) Trichlorofluoromethane	1.92	101	58172	15.430	ug/l	97
8) Diethyl Ether	2.18	74	23555	15.311	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	37037	16.040	ug/l	99
10) Methyl Iodide	2.50	142	31523	14.368	ug/l	98
11) Tert butyl alcohol	3.03	59	58007	76.875	ug/l	98
12) 1,1-Dichloroethene	2.36	96	37589	16.632	ug/l	98
13) Acrolein	2.28	56	43723	105.087	ug/l	99
14) Allyl chloride	2.72	41	68149	15.369	ug/l	99
15) Acrylonitrile	3.13	53	120488	78.488	ug/l	99
16) Acetone	2.44	43	134473	84.019	ug/l	98
17) Carbon Disulfide	2.56	76	100937	15.903	ug/l	98
18) Methyl Acetate	2.76	43	57324	15.157	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	135454	15.966	ug/l	98
20) Methylene Chloride	2.85	84	44200	16.119	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	40061	16.024	ug/l	96
22) Diisopropyl ether	3.84	45	133686	15.594	ug/l	90
23) Vinyl Acetate	3.81	43	585031	78.075	ug/l	99
24) 1,1-Dichloroethane	3.69	63	74707	15.996	ug/l	99
25) 2-Butanone	4.66	43	177478	77.499	ug/l	97
26) 2,2-Dichloropropane	4.58	77	60911	14.739	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	46146	15.913	ug/l	97
28) Bromochloromethane	5.00	49	22554	13.614	ug/l #	97
29) Tetrahydrofuran	5.12	42	108774	77.804	ug/l	99
30) Chloroform	5.20	83	74154	15.482	ug/l	99
31) Cyclohexane	5.57	56	67688	15.970	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	64900	15.370	ug/l	99
36) 1,1-Dichloropropene	5.79	75	54757	15.622	ug/l	98
37) Ethyl Acetate	4.82	43	63120	15.598	ug/l	99
38) Carbon Tetrachloride	5.78	117	54451	15.434	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67883	16.024	ug/l	96
40) Benzene	6.14	78	171338	16.658	ug/l	100
41) Methacrylonitrile	5.03	41	35018	15.484	ug/l	99
42) 1,2-Dichloroethane	6.18	62	61076	15.775	ug/l	100
43) Isopropyl Acetate	6.43	43	102353	15.157	ug/l	100
44) Trichloroethene	7.21	130	43195	16.312	ug/l	94
45) 1,2-Dichloropropane	7.51	63	43294	16.443	ug/l	98
46) Dibromomethane	7.65	93	28814	16.096	ug/l	99
47) Bromodichloromethane	7.89	83	55927	15.710	ug/l	94
48) Methyl methacrylate	7.76	41	51102	15.799	ug/l	95
49) 1,4-Dioxane	7.73	88	23511	316.294	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	321863	77.208	ug/l	99
52) Toluene	8.78	92	108428	16.781	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	61302	15.548	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	67865	15.742	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	42794	16.662	ug/l	97
56) Ethyl methacrylate	9.17	69	68922	16.017	ug/l	99
57) 1,3-Dichloropropane	9.37	76	72791	16.205	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	152182	79.297	ug/l	100
59) 2-Hexanone	9.48	43	251233	78.895	ug/l	99
60) Dibromochloromethane	9.57	129	41694	16.022	ug/l	100
61) 1,2-Dibromoethane	9.67	107	43897	16.421	ug/l	98
64) Tetrachloroethene	9.33	164	41395	18.245	ug/l	93
65) Chlorobenzene	10.14	112	111263	16.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	39912	16.264	ug/l	98
67) Ethyl Benzene	10.24	91	201931	16.439	ug/l	100
68) m/p-Xylenes	10.35	106	152137	33.091	ug/l	100
69) o-Xylene	10.70	106	74577	16.739	ug/l	99
70) Styrene	10.71	104	124815	16.696	ug/l	99
71) Bromoform	10.85	173	26942	15.673	ug/l #	97
73) Isopropylbenzene	11.01	105	197814	16.629	ug/l	100
74) N-amyl acetate	10.89	43	84664	15.167	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64139	16.376	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	72991	19.548	ug/l	78
77) Bromobenzene	11.25	156	44339	16.409	ug/l	95
78) n-propylbenzene	11.35	91	213295	16.010	ug/l	100
79) 2-Chlorotoluene	11.42	91	133338	16.008	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	165425	16.594	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	19062	14.378	ug/l	98
82) 4-Chlorotoluene	11.51	91	156221	16.441	ug/l	98
83) tert-Butylbenzene	11.76	119	158694	16.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	167295	16.602	ug/l	99
85) sec-Butylbenzene	11.94	105	184690	16.456	ug/l	100
86) p-Isopropyltoluene	12.06	119	169030	16.705	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	82954	16.996	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	81687	16.627	ug/l	99
89) n-Butylbenzene	12.38	91	139539	15.717	ug/l	100
90) Hexachloroethane	12.59	117	27991	15.608	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	80978	16.645	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14638	15.064	ug/l	94

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:14:45 2019
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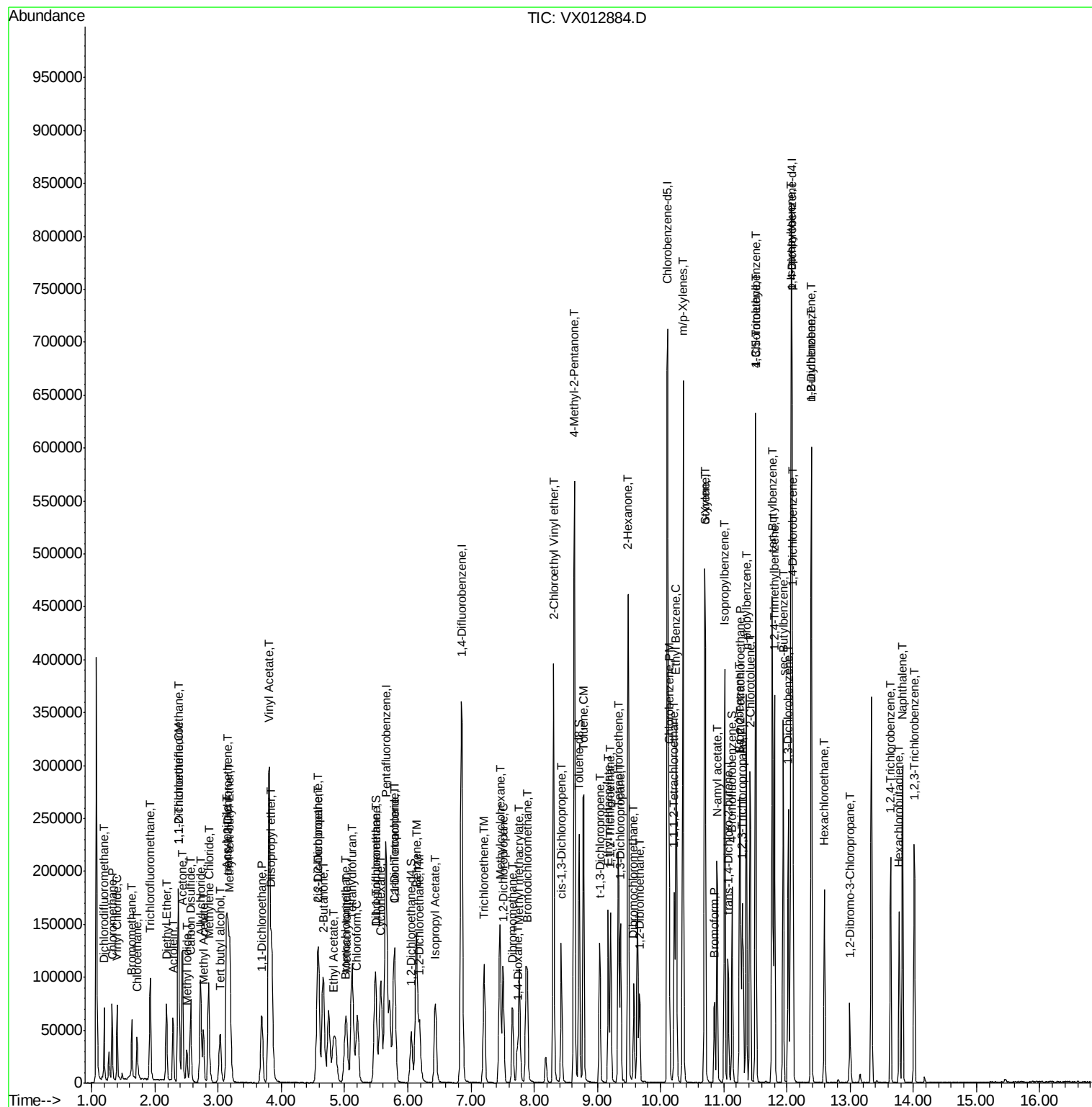
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	48317	16.171	ug/l	99
94) Hexachlorobutadiene	13.77	225	21759	16.778	ug/l	98
95) Naphthalene	13.83	128	175959	16.442	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	51015	17.081	ug/l	99

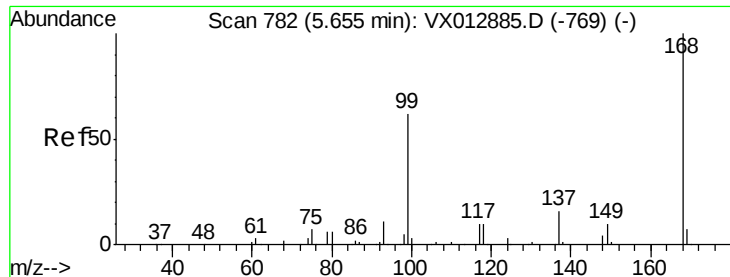
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

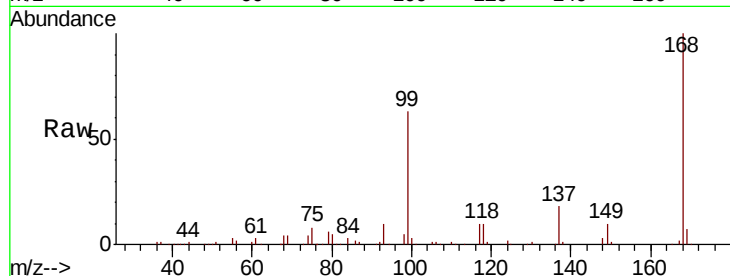
VSTDIC020

Tot Ion:168 Resp: 210940

Ion Ratio Lower Upper

168 100

99 62.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

60000

40000

20000

0

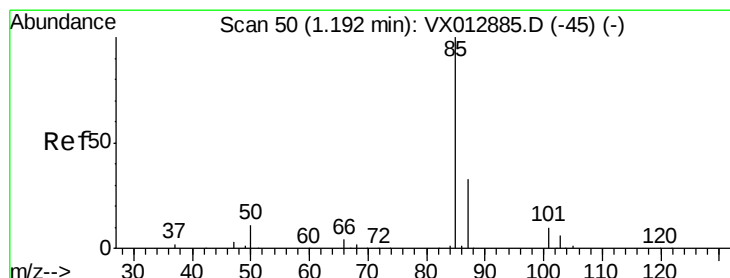
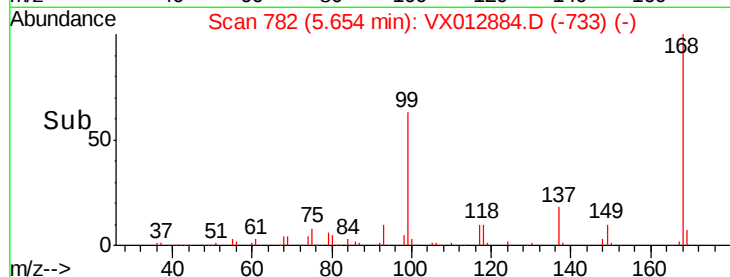
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 16.605 ug/l

RT: 1.19 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX012884.D

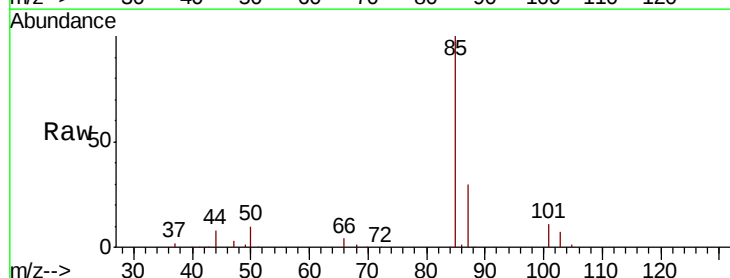
Acq: 08 Oct 2019 11:50

Tgt Ion: 85 Resp: 39655

Ion Ratio Lower Upper

85 100

87 30.4 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

40000

30000

20000

10000

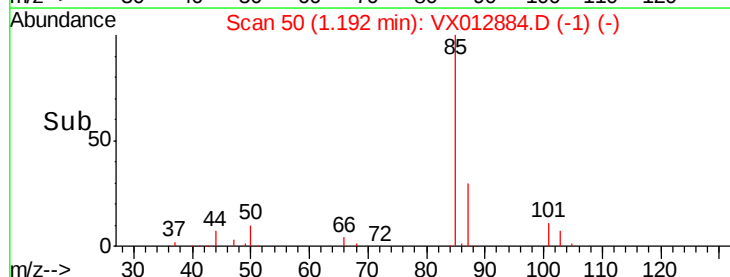
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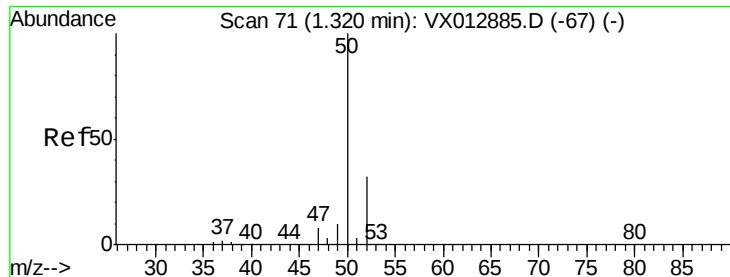
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 15.536 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

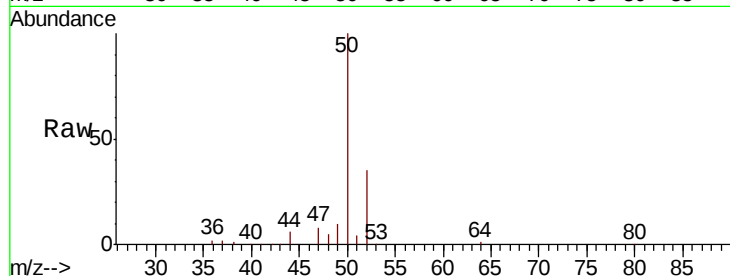
VSTDIC020

Tot Ion: 50 Resp: 41896

Ion Ratio Lower Upper

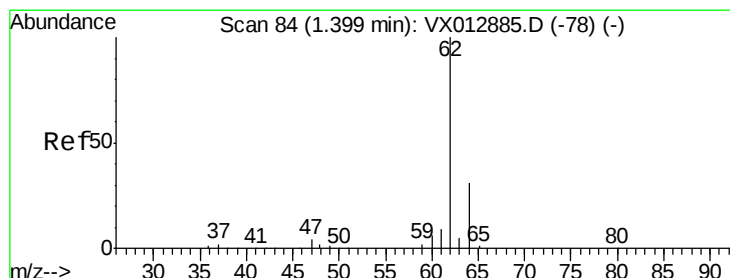
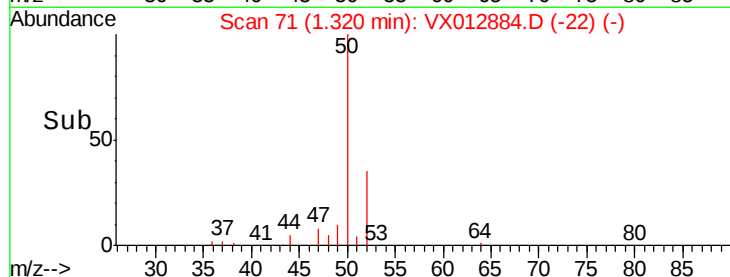
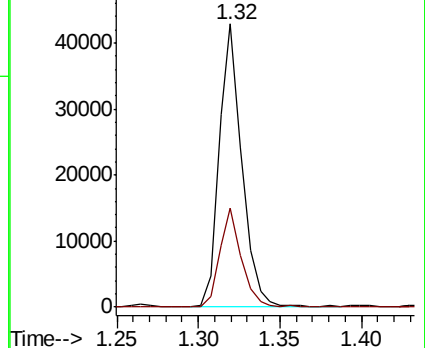
50 100

52 35.2 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 16.057 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX012884.D

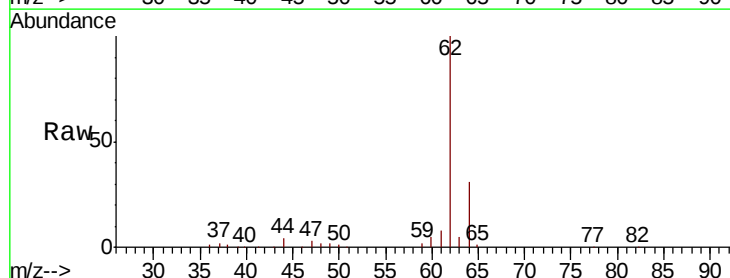
Acq: 08 Oct 2019 11:50

Tgt Ion: 62 Resp: 43202

Ion Ratio Lower Upper

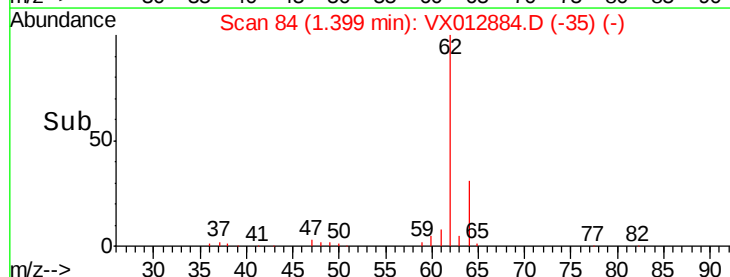
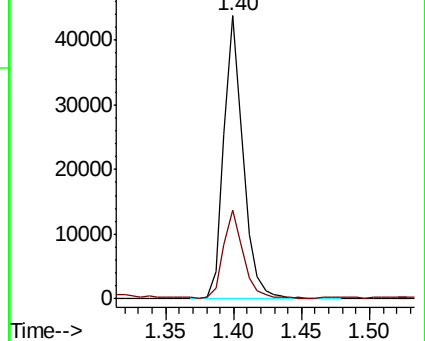
62 100

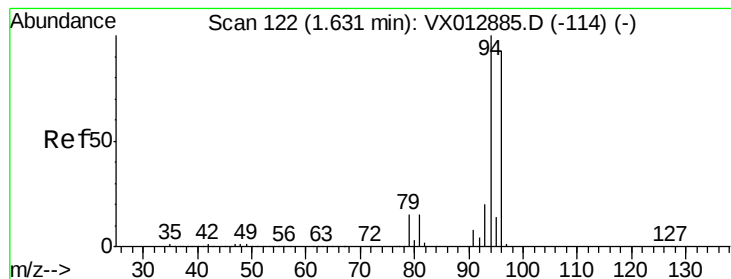
64 30.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.147 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.00 min

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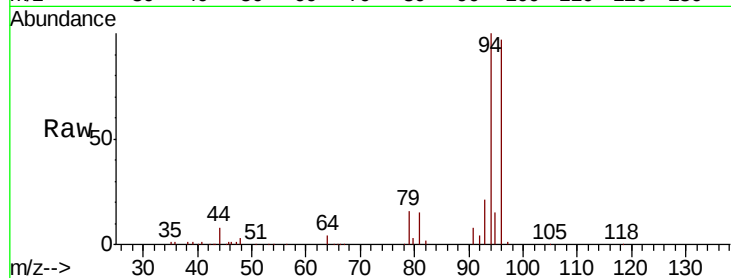
VSTDIC020

Tot Ion: 94 Resp: 21482

Ion Ratio Lower Upper

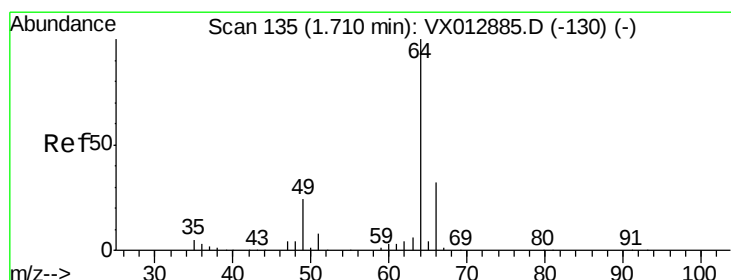
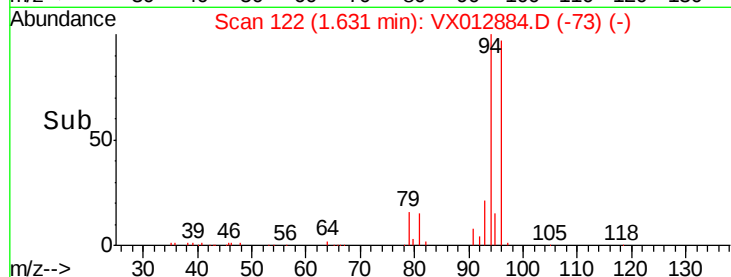
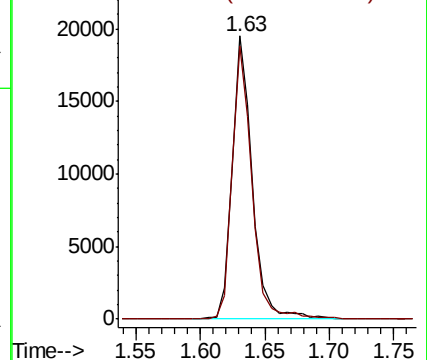
94 100

96 96.6 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: 14.426 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX012884.D

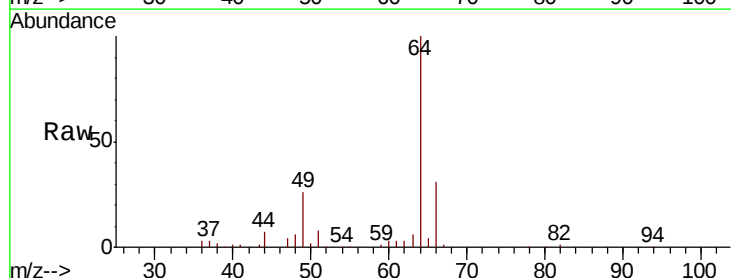
Acq: 08 Oct 2019 11:50

Tgt Ion: 64 Resp: 25957

Ion Ratio Lower Upper

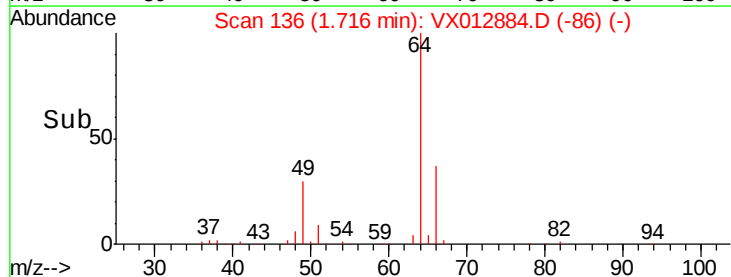
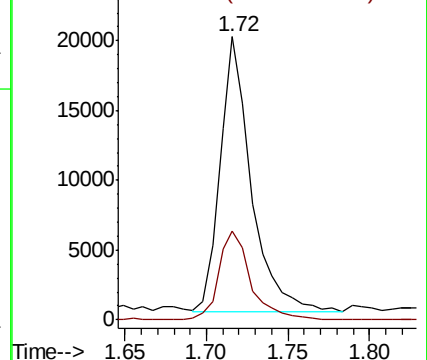
64 100

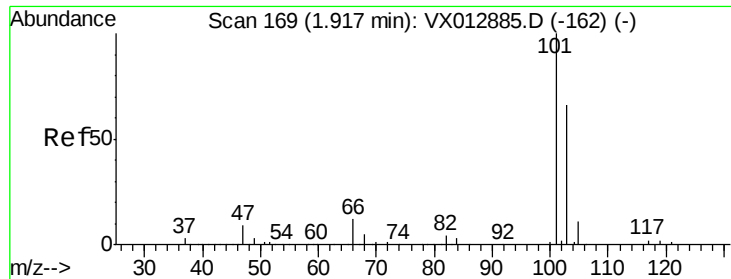
66 32.0 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



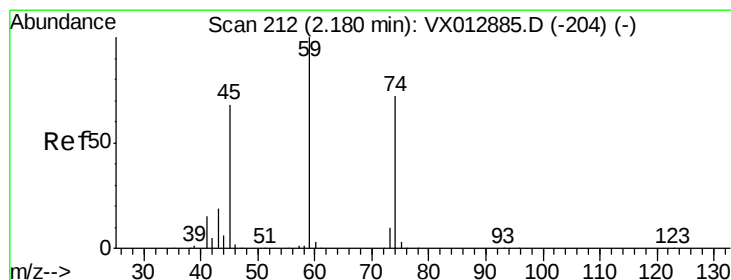
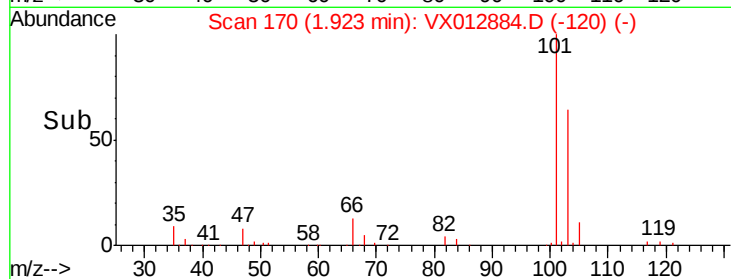
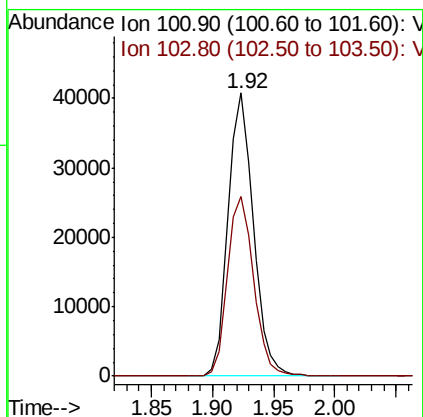
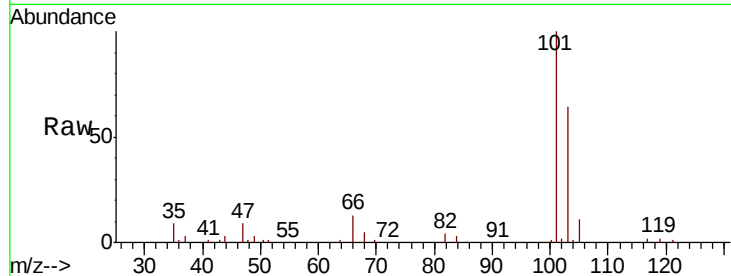


#7

Trichlorofluoromethane
Concen: 15.430 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

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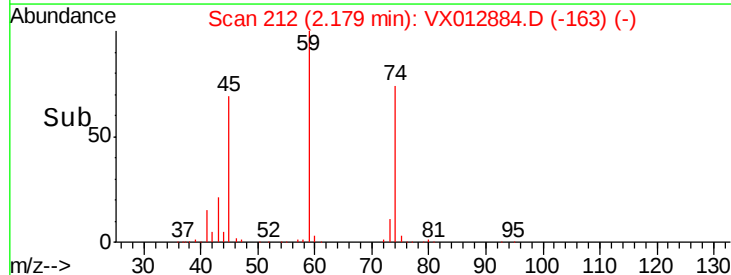
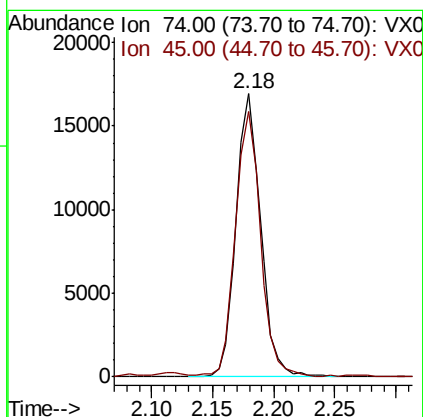
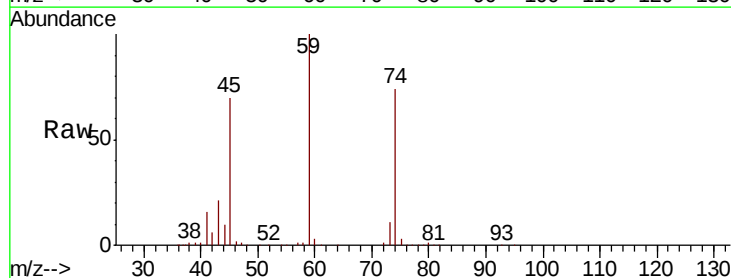
Tot Ion:101 Resp: 58172
Ion Ratio Lower Upper
101 100
103 63.5 52.5 78.7

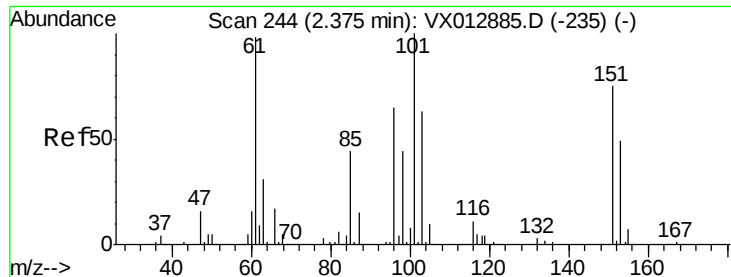


#8

Diethyl Ether
Concen: 15.311 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 74 Resp: 23555
Ion Ratio Lower Upper
74 100
45 96.0 47.8 143.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 16.040 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

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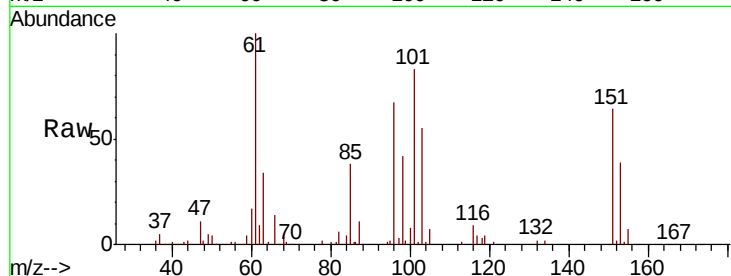
Tot Ion:101 Resp: 37037

Ion Ratio Lower Upper

101 100

85 44.3 35.2 52.8

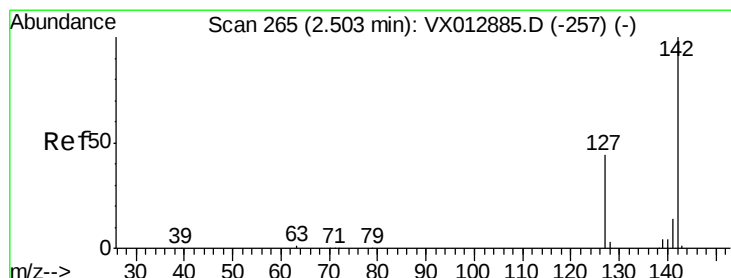
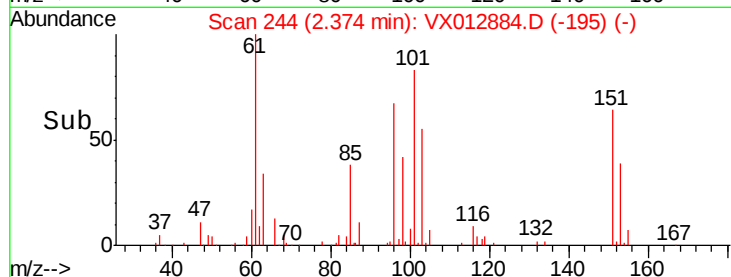
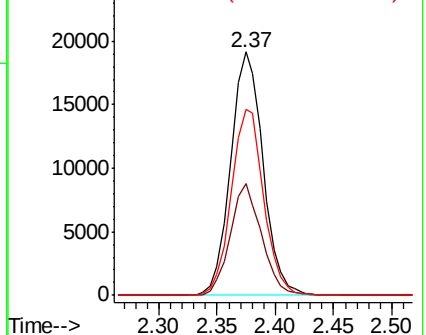
151 76.7 60.3 90.5



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: 14.368 ug/l

RT: 2.50 min Scan# 265

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

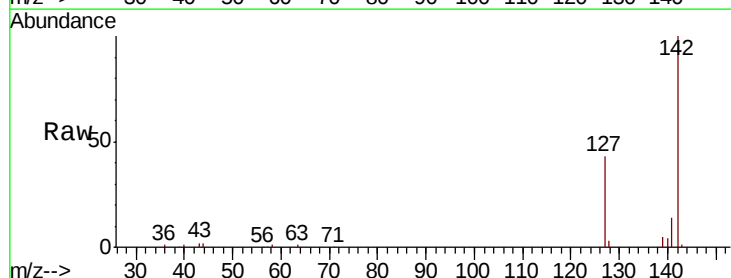
Tgt Ion:142 Resp: 31523

Ion Ratio Lower Upper

142 100

127 44.7 34.9 52.3

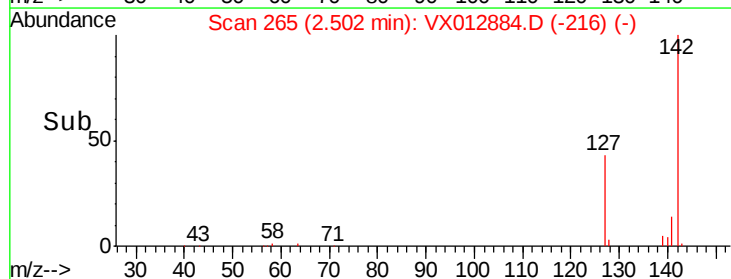
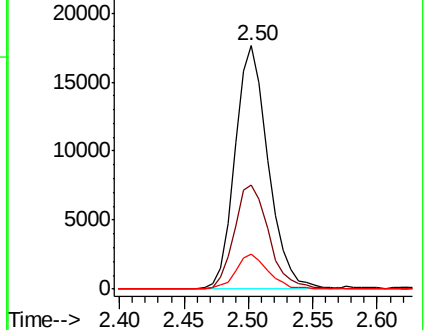
141 14.1 11.6 17.4

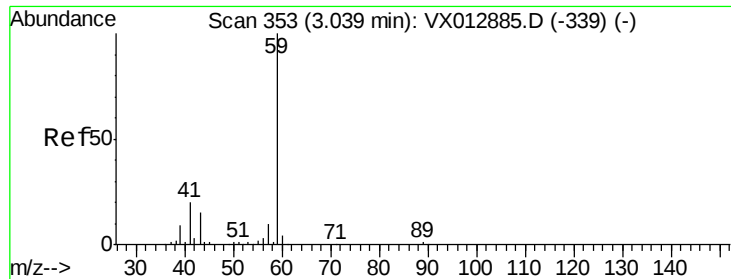


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

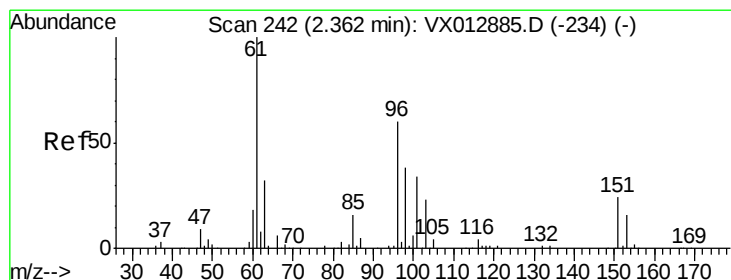
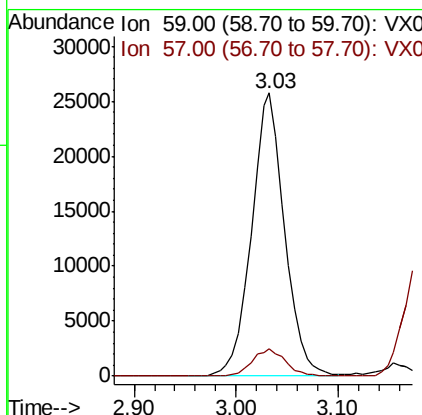
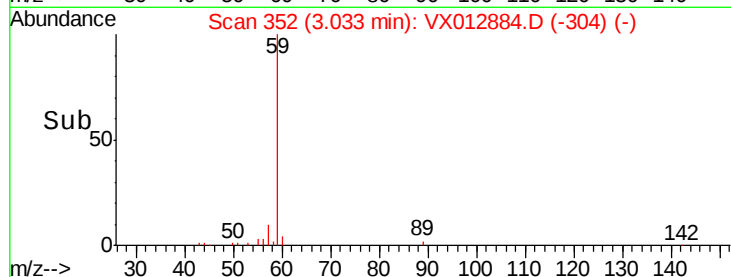
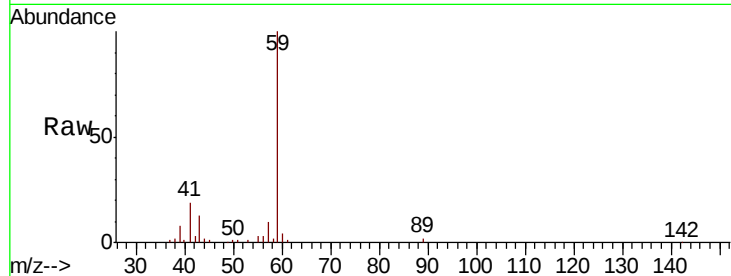




#11
Tert butyl alcohol
Concen: 76.875 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

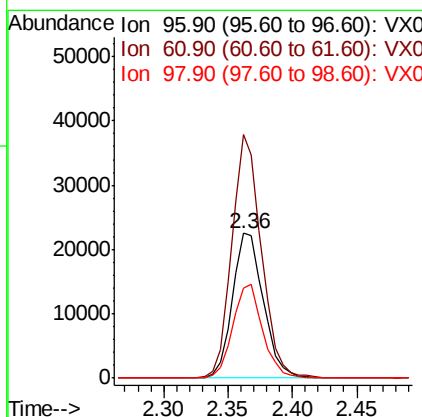
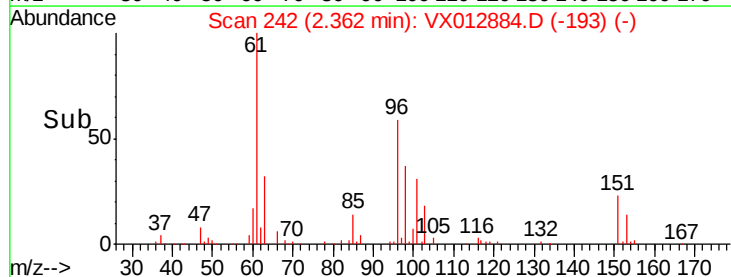
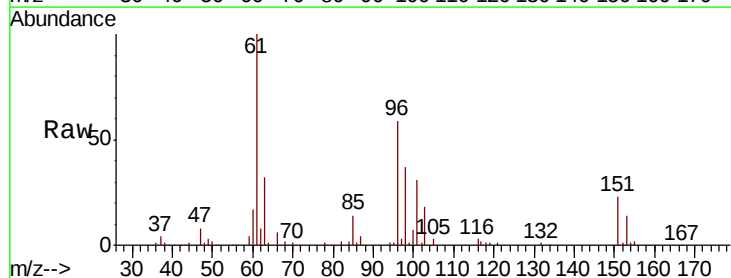
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

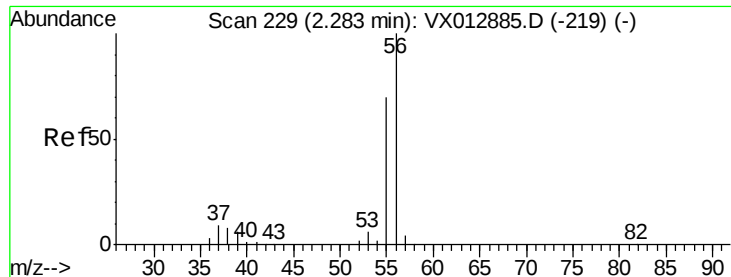
Tot Ion: 59 Resp: 58007
Ion Ratio Lower Upper
59 100
57 9.7 8.3 12.5



#12
1,1-Dichloroethene
Concen: 16.632 ug/l
RT: 2.36 min Scan# 242
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 96 Resp: 37589
Ion Ratio Lower Upper
96 100
61 168.5 132.2 198.4
98 62.7 50.5 75.7

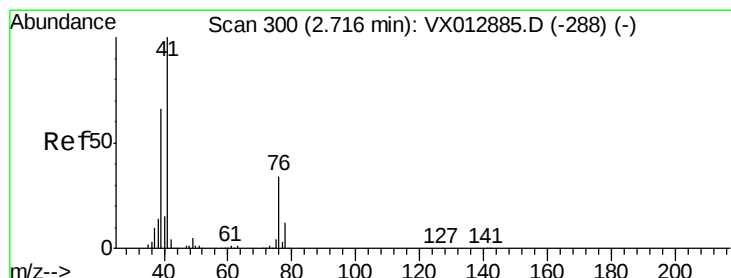
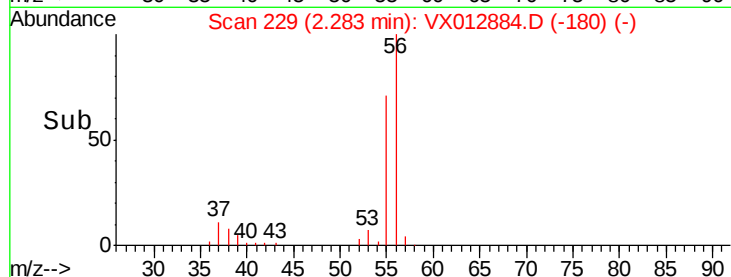
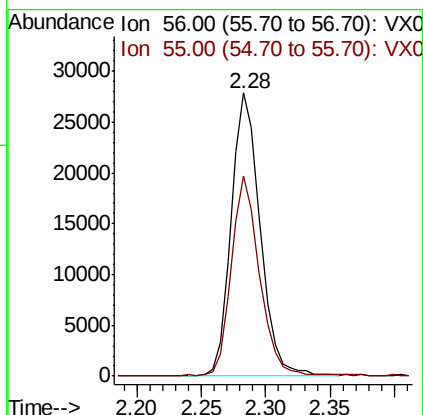
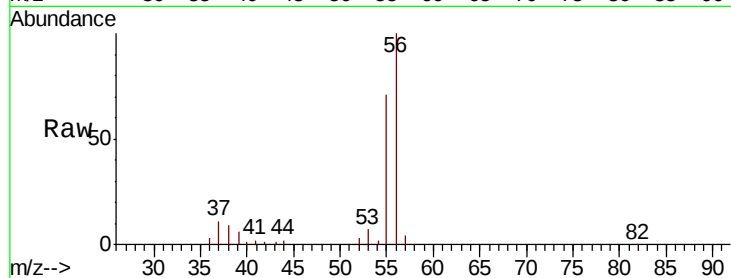




#13
Acrolein
Concen: 105.087 ug/l
RT: 2.28 min Scan# 229
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

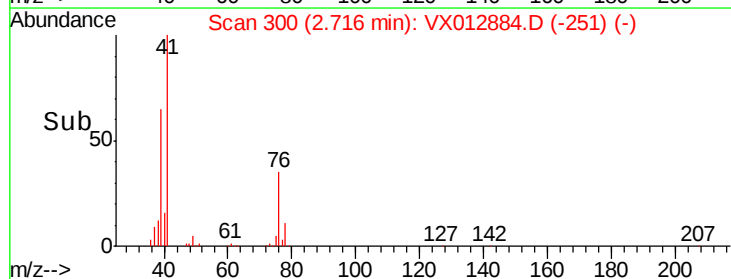
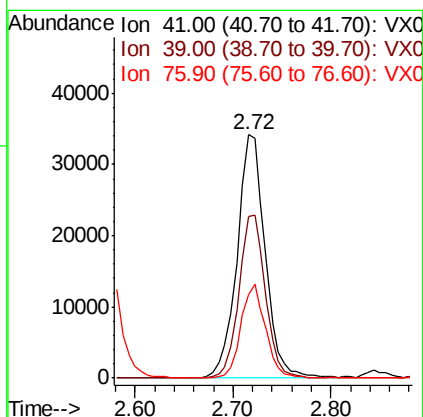
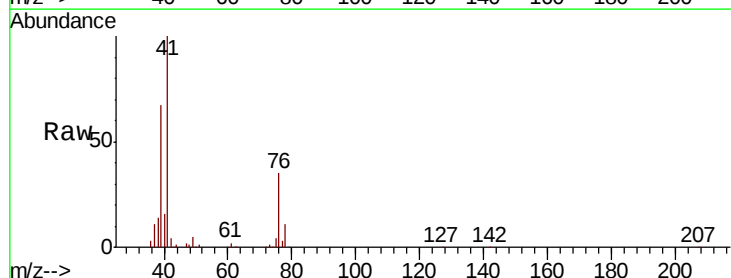
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

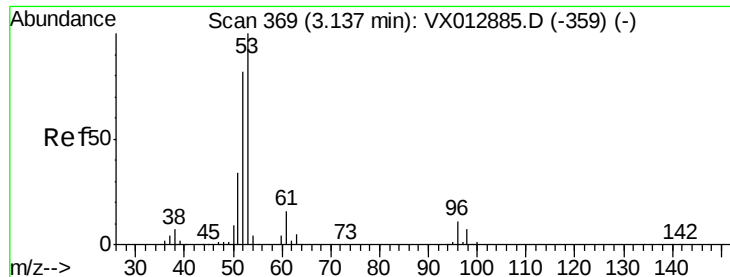
Tot Ion: 56 Resp: 43723
Ion Ratio Lower Upper
56 100
55 69.7 56.6 85.0



#14
Allyl chloride
Concen: 15.369 ug/l
RT: 2.72 min Scan# 300
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 41 Resp: 68149
Ion Ratio Lower Upper
41 100
39 63.1 51.0 76.6
76 33.5 26.2 39.4





#15

Acrylonitrile

Concen: 78.488 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.01 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

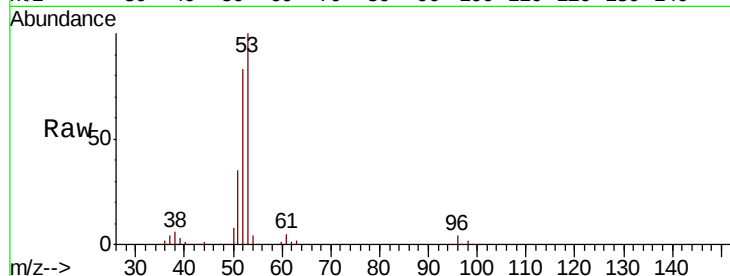
Tot Ion: 53 Resp: 120488

Ion Ratio Lower Upper

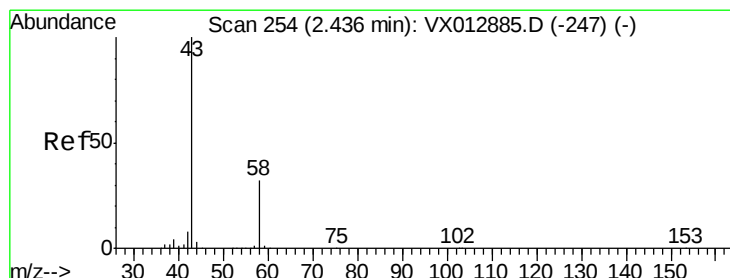
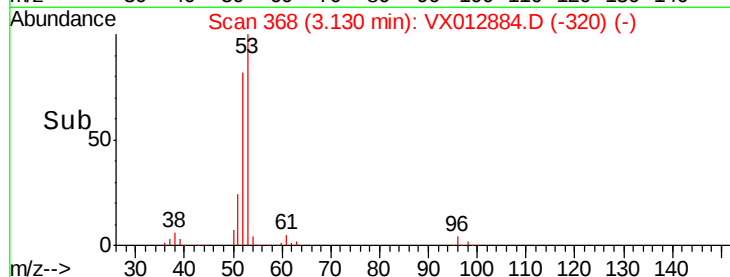
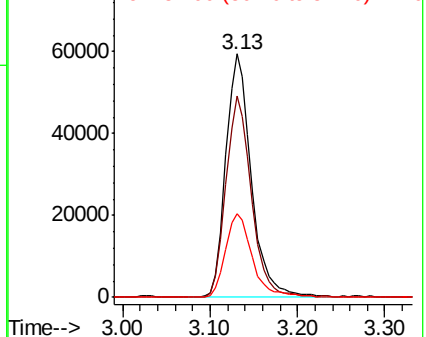
53 100

52 82.9 66.2 99.2

51 35.9 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: 84.019 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX012884.D

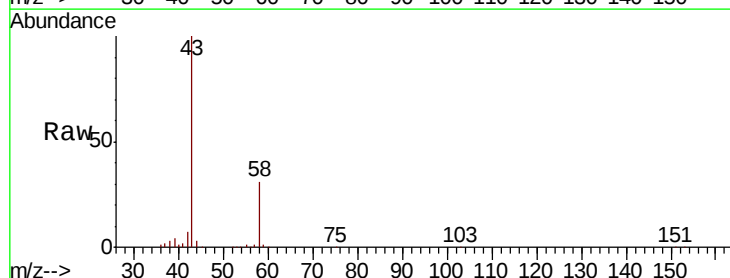
Acq: 08 Oct 2019 11:50

Tgt Ion: 43 Resp: 134473

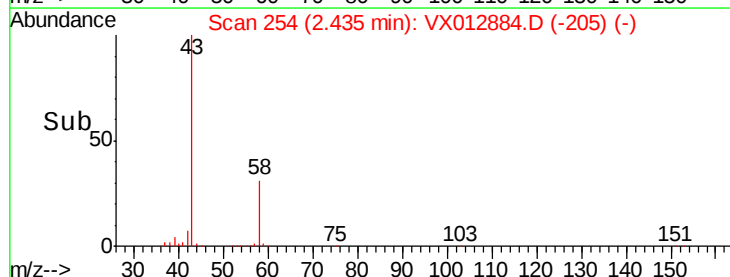
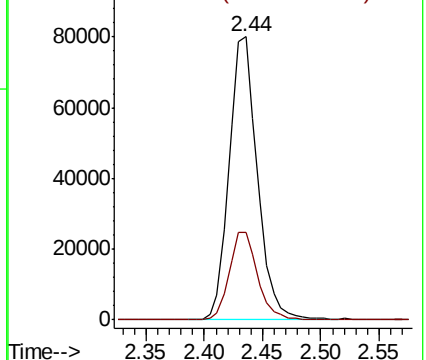
Ion Ratio Lower Upper

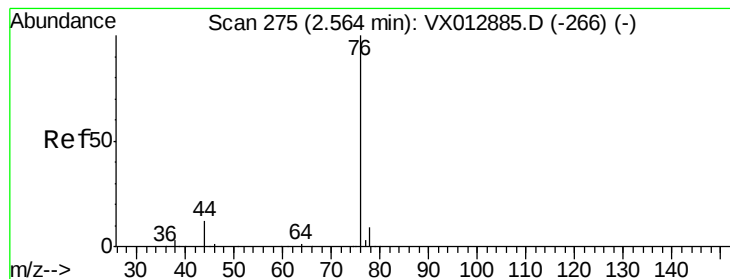
43 100

58 30.9 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: 15.903 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

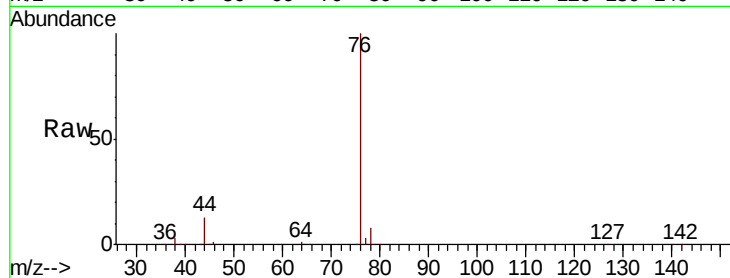
VSTDIC020

Tot Ion: 76 Resp: 100937

Ion Ratio Lower Upper

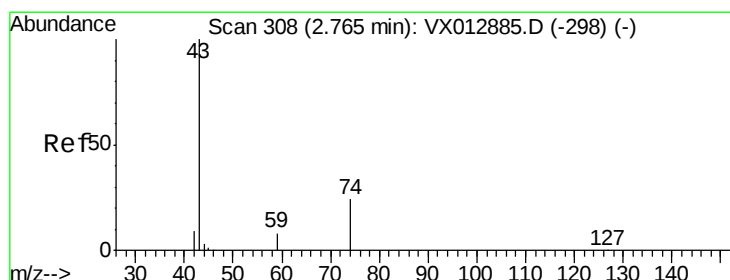
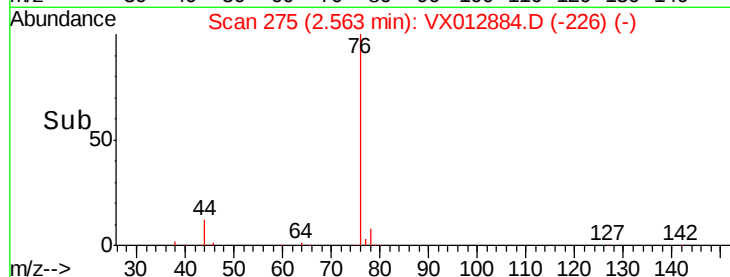
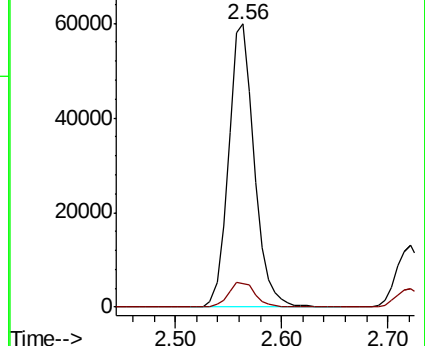
76 100

78 8.1 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 15.157 ug/l

RT: 2.76 min Scan# 308

Delta R.T. -0.00 min

Lab File: VX012884.D

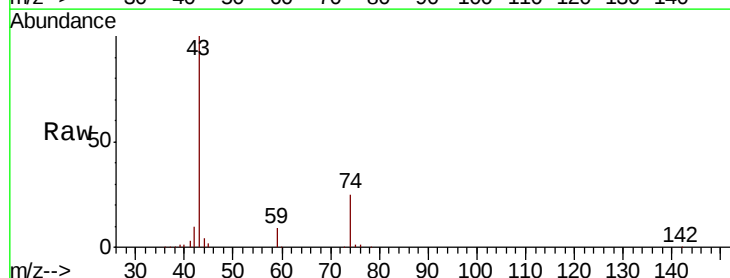
Acq: 08 Oct 2019 11:50

Tgt Ion: 43 Resp: 57324

Ion Ratio Lower Upper

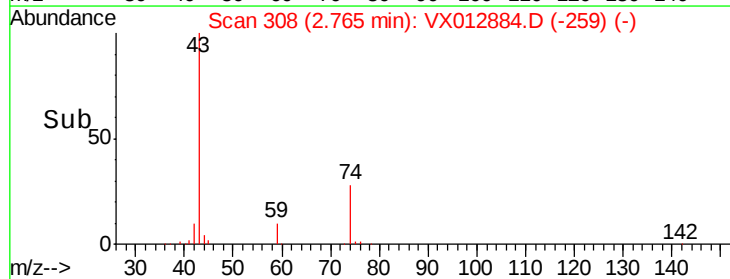
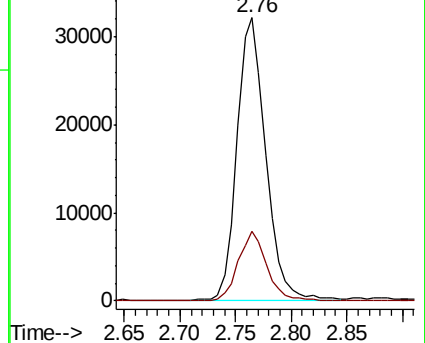
43 100

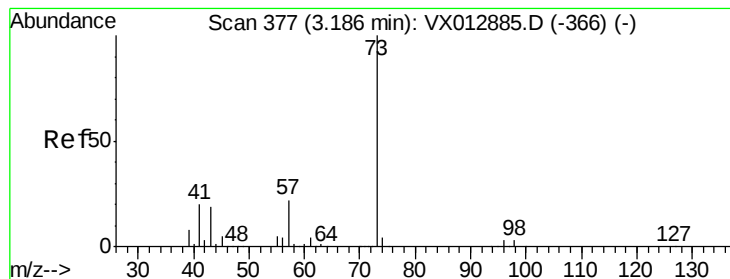
74 24.7 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



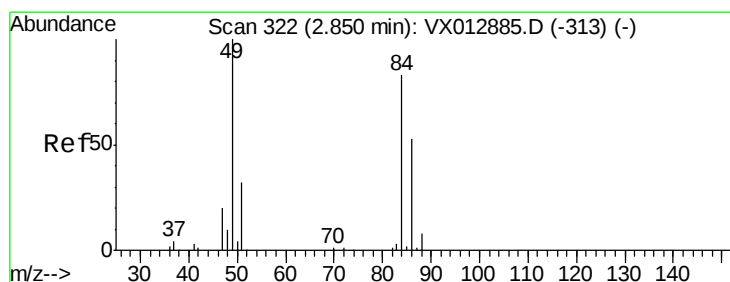
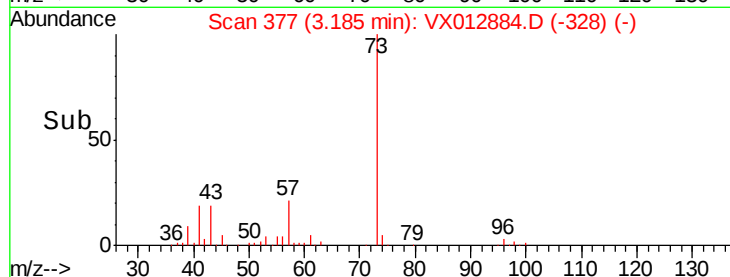
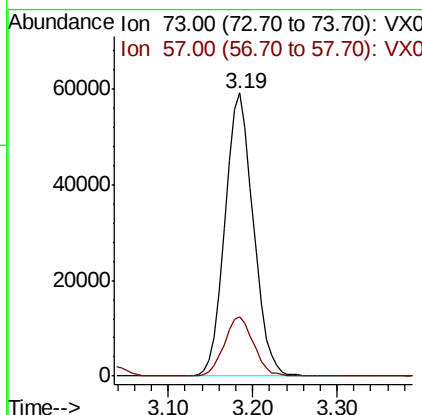
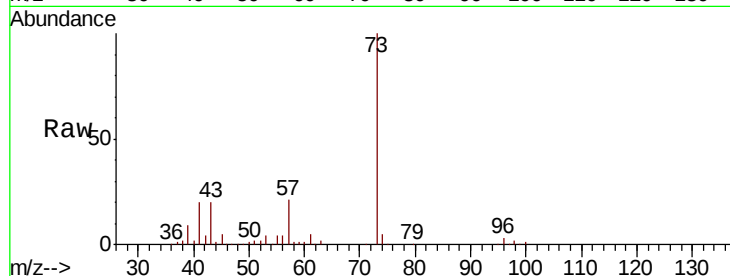


#19

Methyl tert-butyl Ether
 Concen: 15.966 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

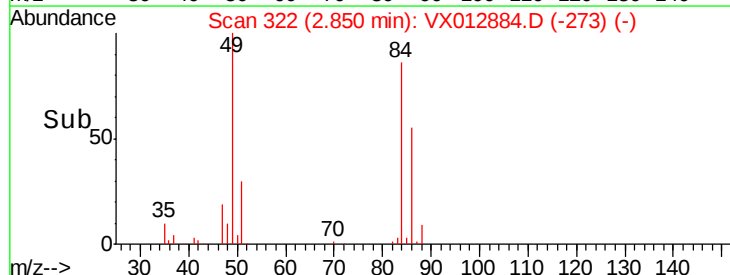
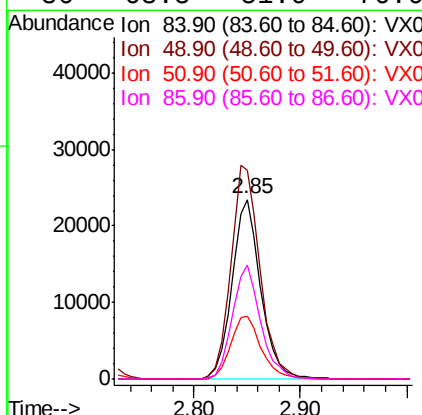
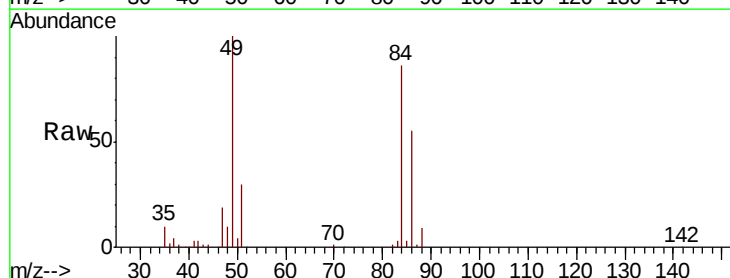
Tot Ion: 73 Resp: 135454
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.8 26.6

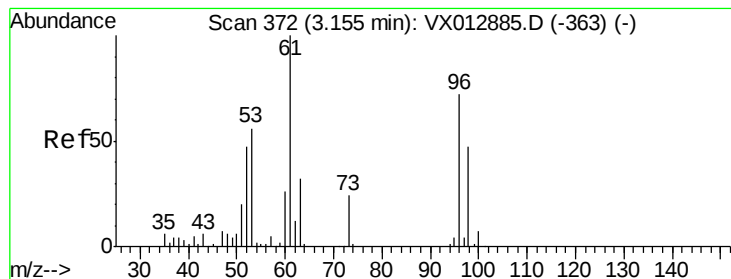


#20

Methylene Chloride
 Concen: 16.119 ug/l
 RT: 2.85 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 84 Resp: 44200
 Ion Ratio Lower Upper
 84 100
 49 116.4 96.6 144.8
 51 35.3 30.7 46.1
 86 63.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 16.024 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

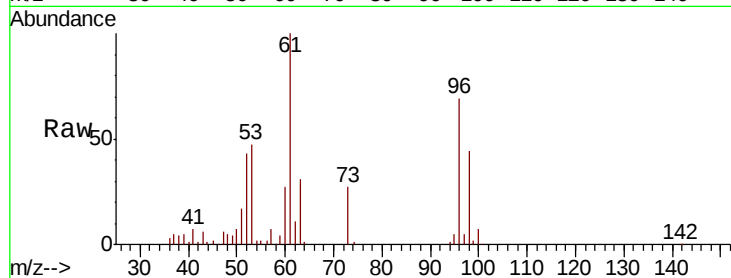
Tot Ion: 96 Resp: 40061

Ion Ratio Lower Upper

96 100

61 145.4 110.4 165.6

98 64.7 51.5 77.3

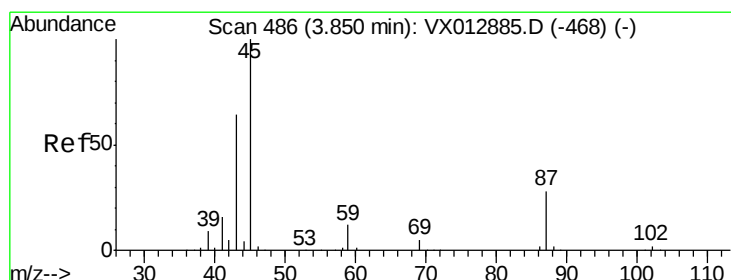
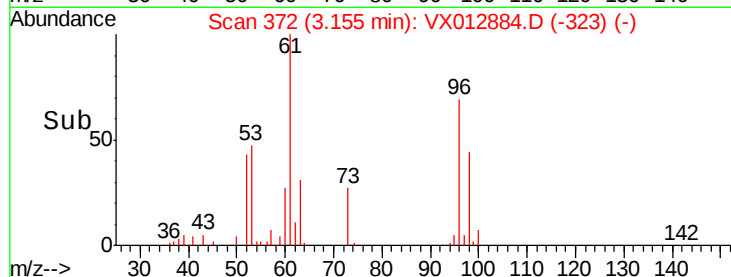
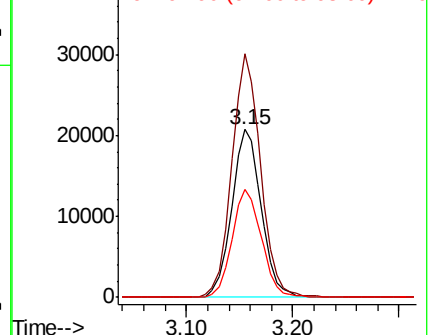


Abundance

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: 15.594 ug/l

RT: 3.84 min Scan# 485

Delta R.T. -0.01 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Tgt Ion: 45 Resp: 133686

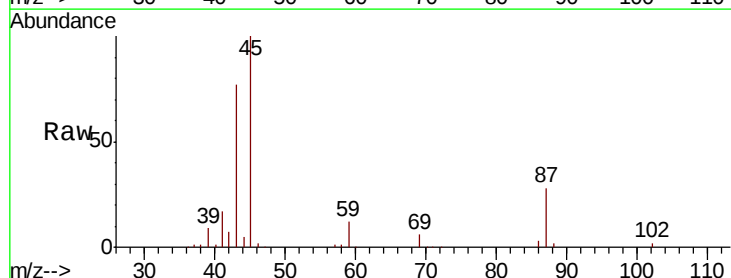
Ion Ratio Lower Upper

45 100

43 76.9 51.4 77.0

87 28.2 22.5 33.7

59 12.1 9.7 14.5



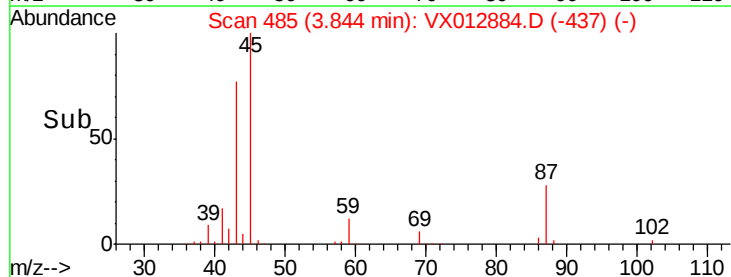
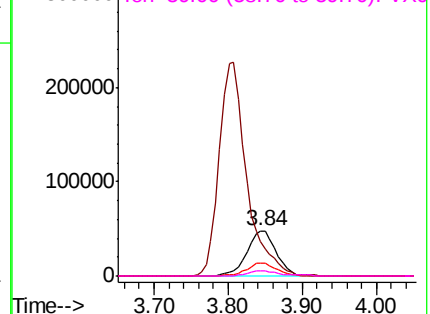
Abundance

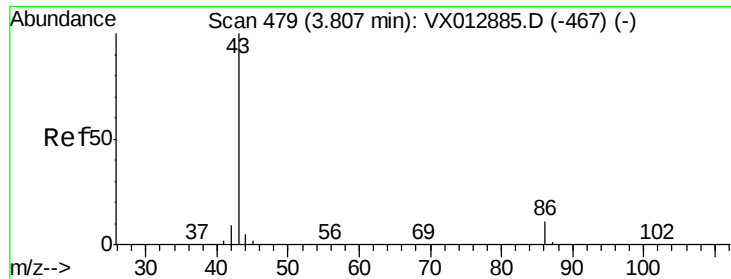
Ion 45.00 (44.70 to 45.70): VX0

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: 78.075 ug/l

RT: 3.81 min Scan# 479

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

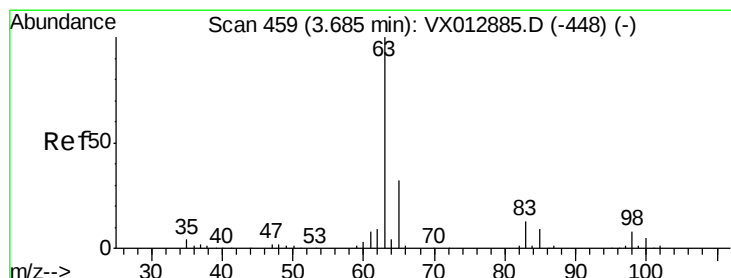
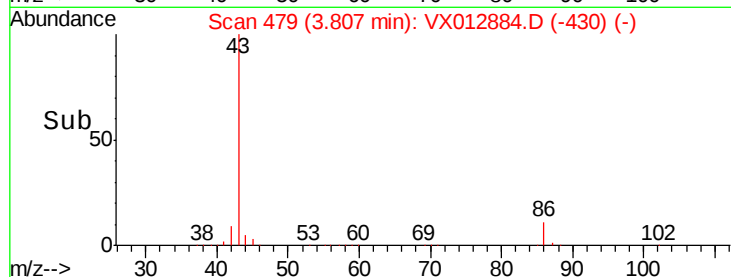
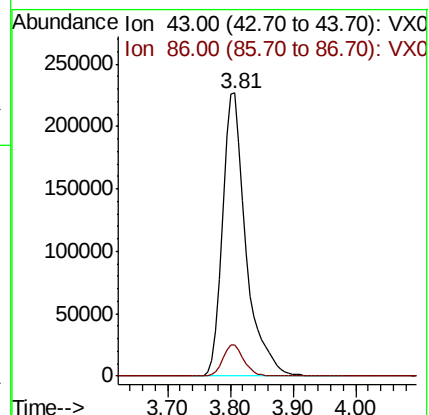
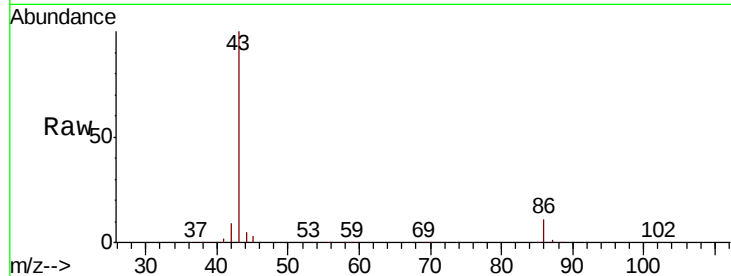
VSTDIC020

Tot Ion: 43 Resp: 585031

Ion Ratio Lower Upper

43 100

86 10.8 9.0 13.6



#24

1,1-Dichloroethane

Concen: 15.996 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

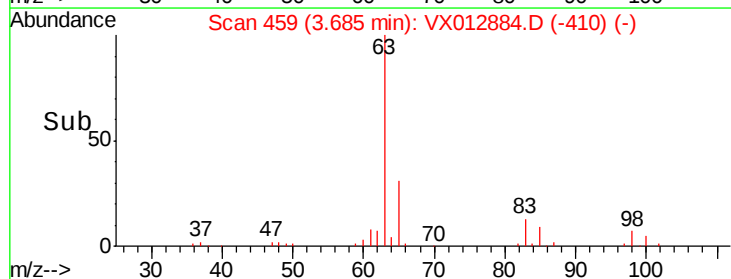
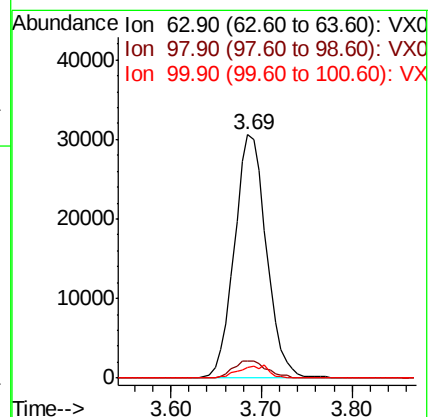
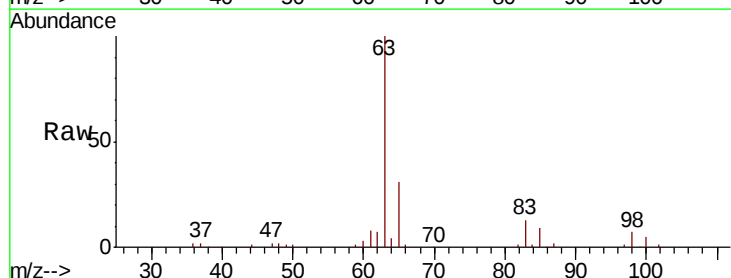
Tgt Ion: 63 Resp: 74707

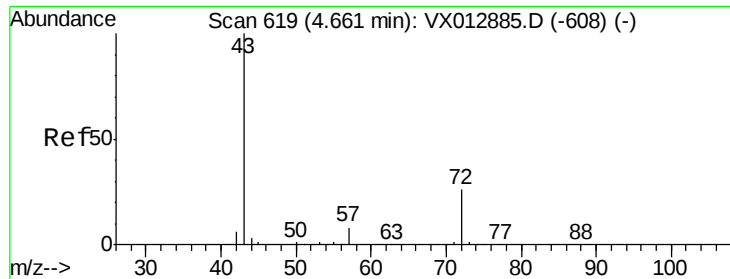
Ion Ratio Lower Upper

63 100

98 7.2 3.9 11.5

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 77.499 ug/l

RT: 4.66 min Scan# 619

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

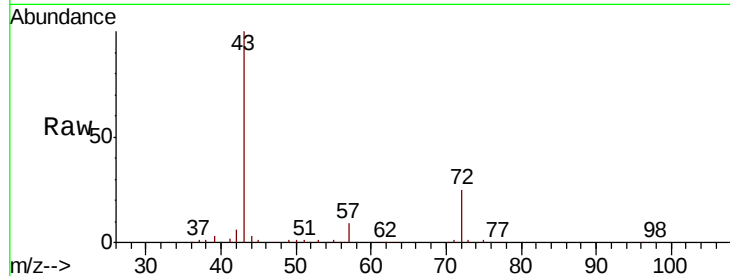
VSTDIC020

Tot Ion: 43 Resp: 177478

Ion Ratio Lower Upper

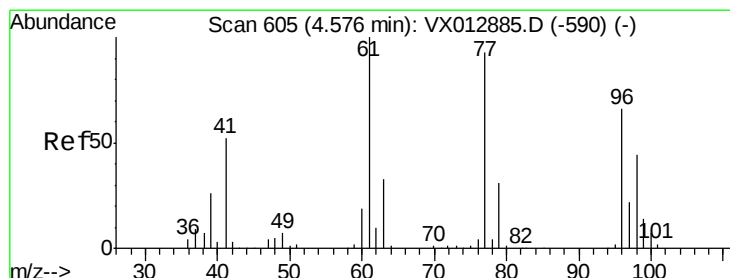
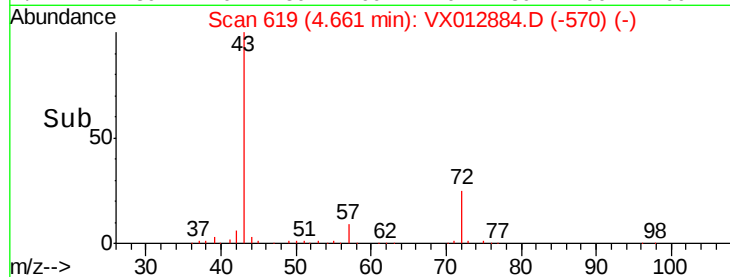
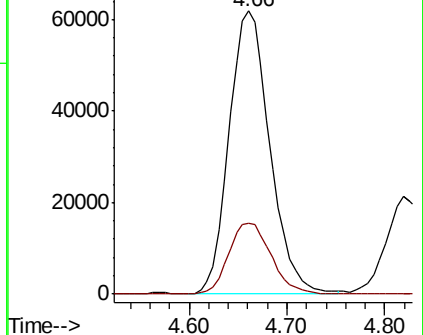
43 100

72 25.0 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: 14.739 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX012884.D

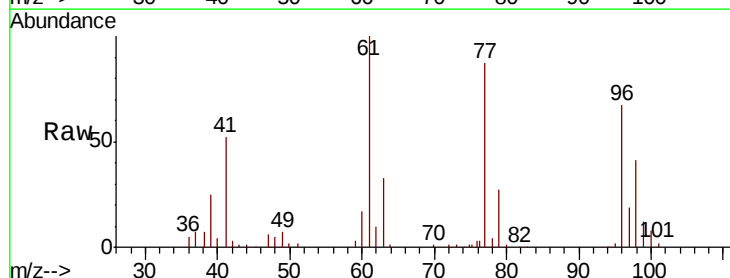
Acq: 08 Oct 2019 11:50

Tgt Ion: 77 Resp: 60911

Ion Ratio Lower Upper

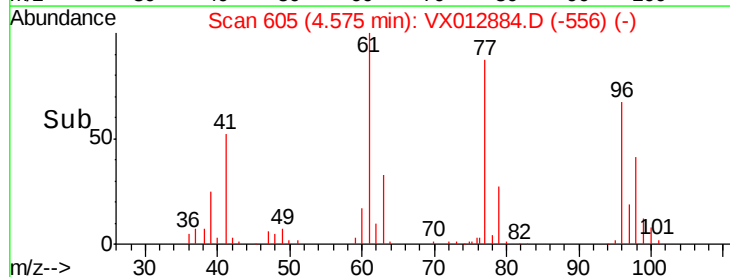
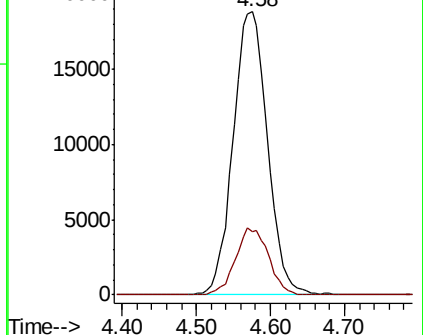
77 100

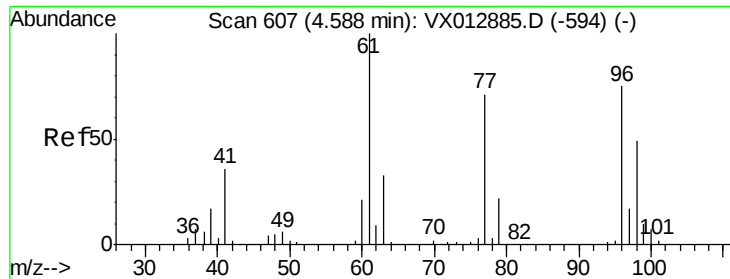
97 22.6 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



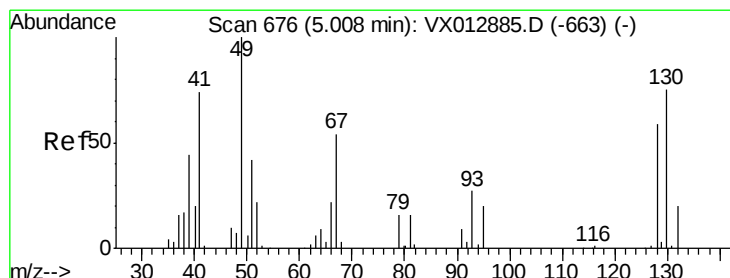
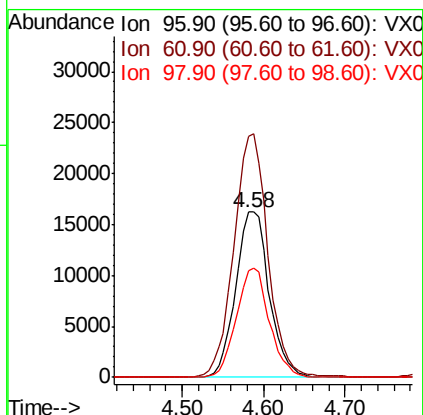
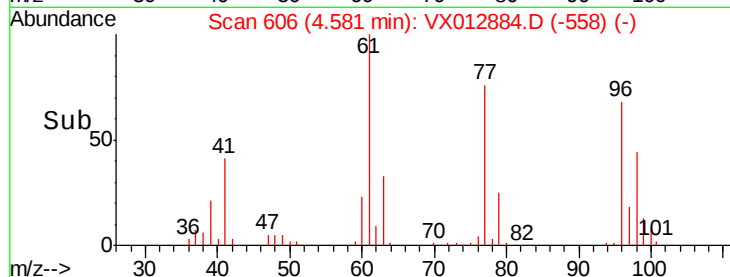
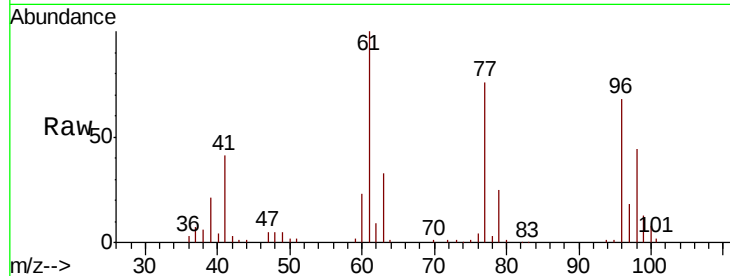


#27

cis-1,2-Dichloroethene
Concen: 15.913 ug/l
RT: 4.58 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

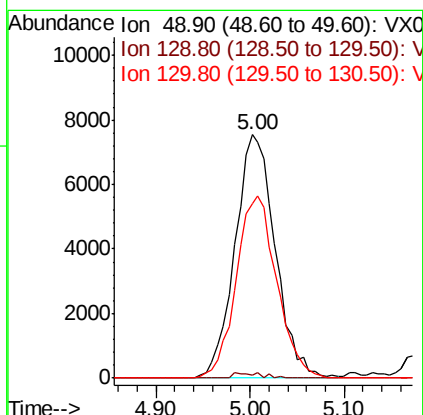
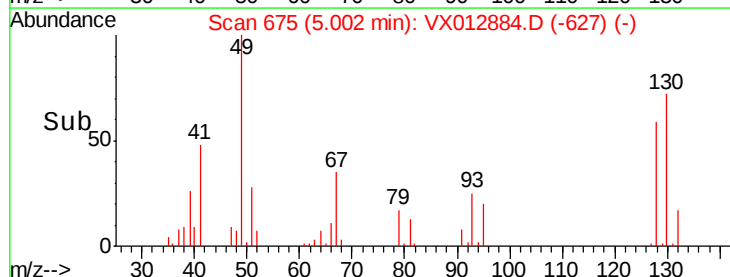
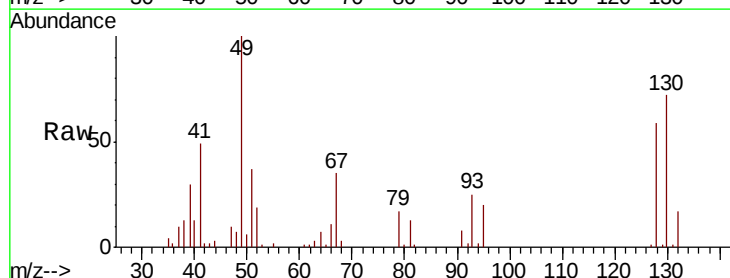
Tot Ion: 96 Resp: 46146
Ion Ratio Lower Upper
96 100
61 149.7 0.0 290.6
98 64.8 0.0 128.8

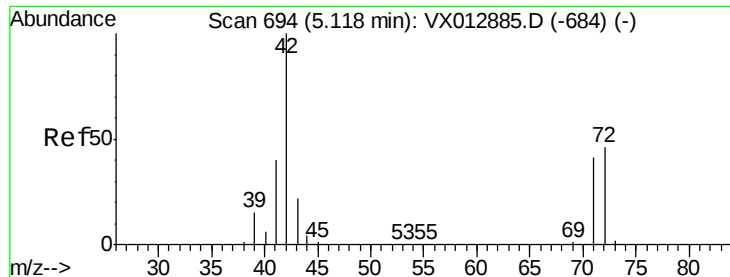


#28

Bromochloromethane
Concen: 13.614 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 49 Resp: 22554
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.2
130 75.2 62.1 93.1

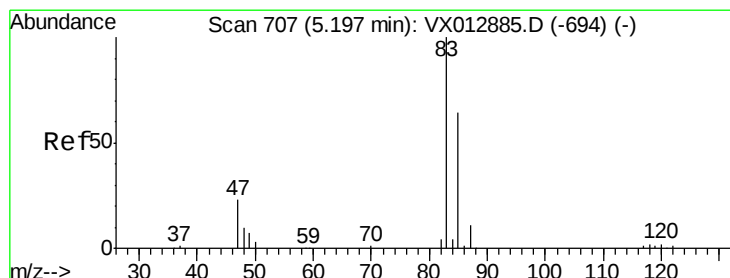
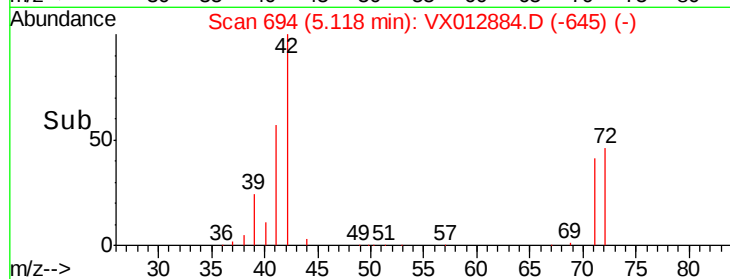
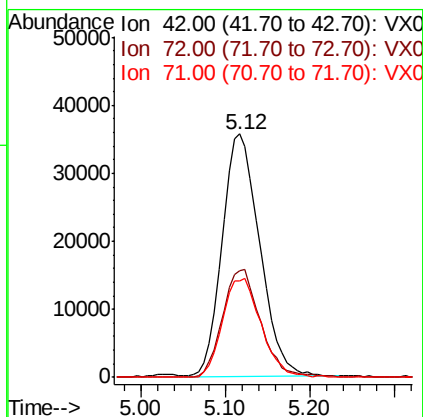
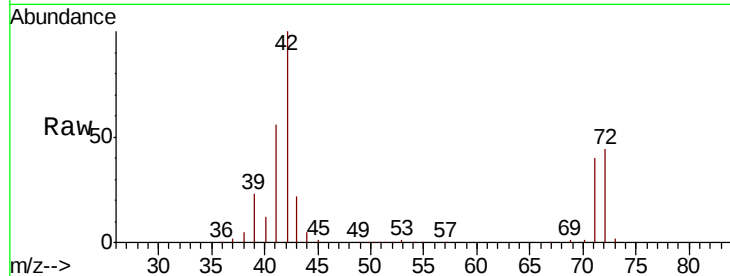




#29
Tetrahydrofuran
Concen: 77.804 ug/l
RT: 5.12 min Scan# 694
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

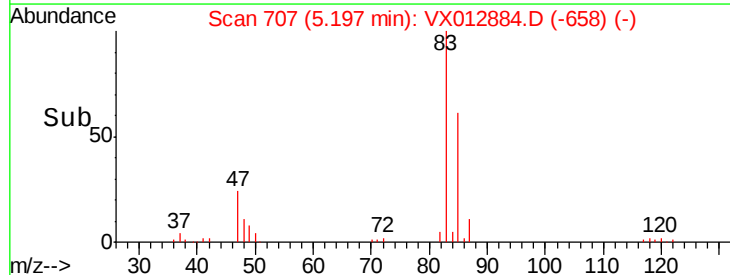
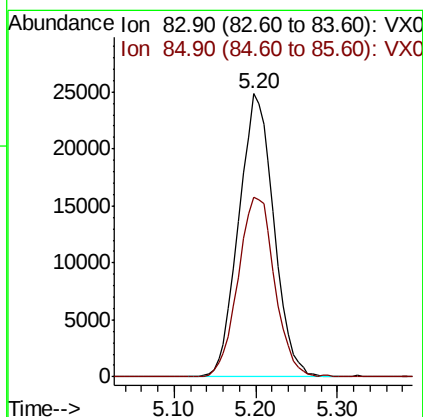
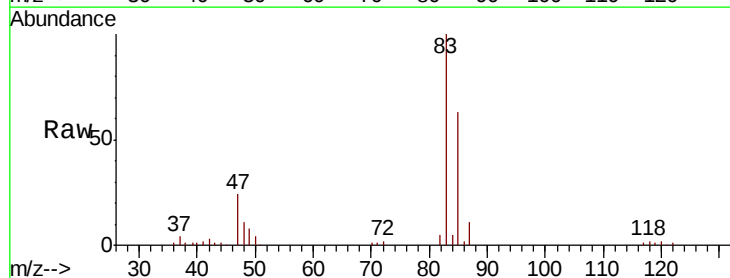
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

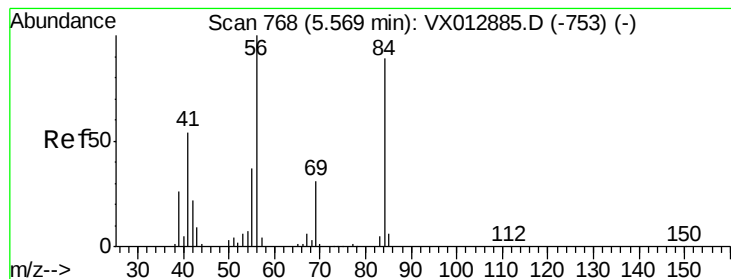
Tot Ion: 42 Resp: 108774
Ion Ratio Lower Upper
42 100
72 44.9 36.9 55.3
71 41.6 33.5 50.3



#30
Chloroform
Concen: 15.482 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 83 Resp: 74154
Ion Ratio Lower Upper
83 100
85 63.3 51.5 77.3





#31

Cyclohexane

Concen: 15.970 ug/l

RT: 5.57 min Scan# 768

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

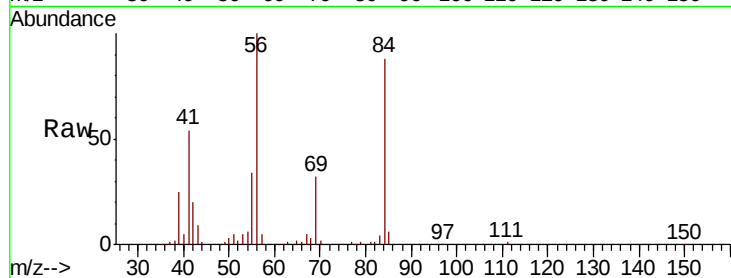
Tot Ion: 56 Resp: 67688

Ion Ratio Lower Upper

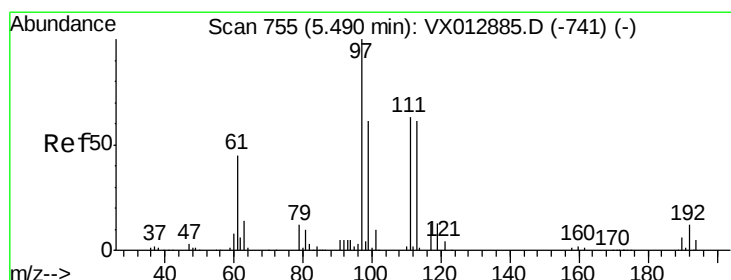
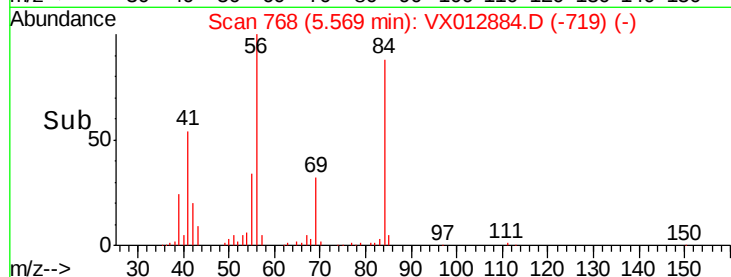
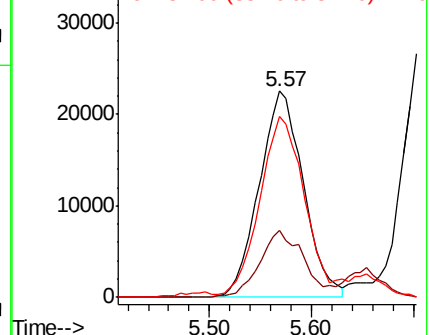
56 100

69 32.1 25.2 37.8

84 86.1 71.3 106.9



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 15.370 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

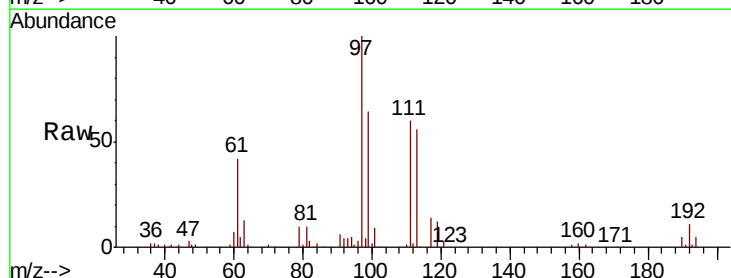
Tgt Ion: 97 Resp: 64900

Ion Ratio Lower Upper

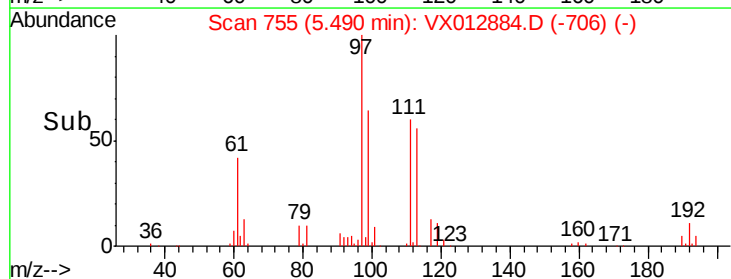
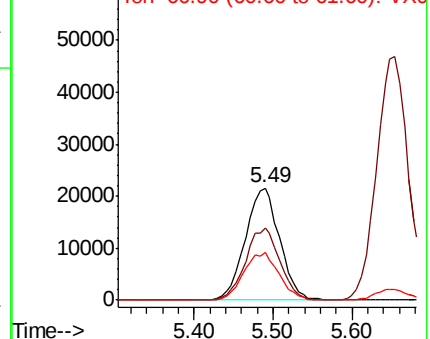
97 100

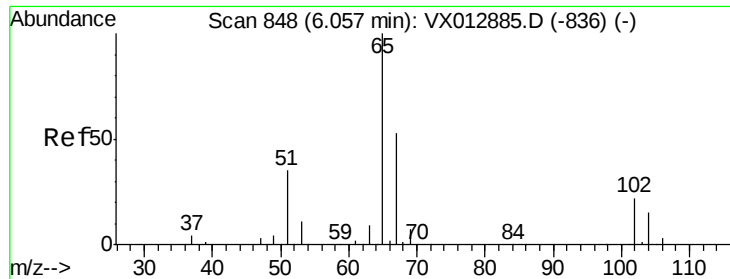
99 64.4 52.3 78.5

61 43.7 35.0 52.4



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0

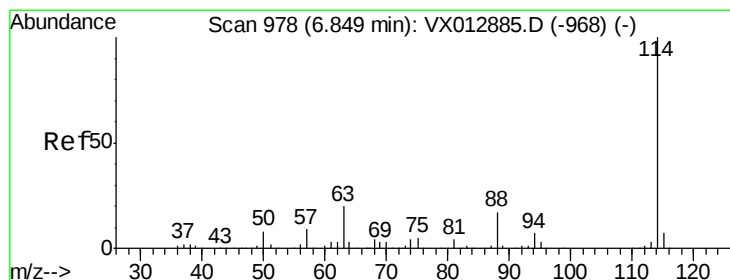
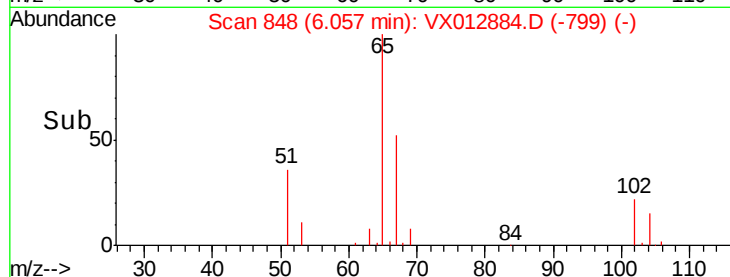
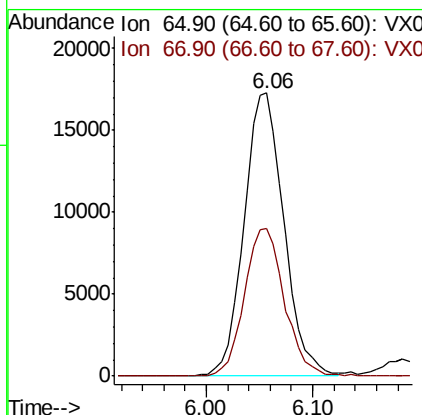
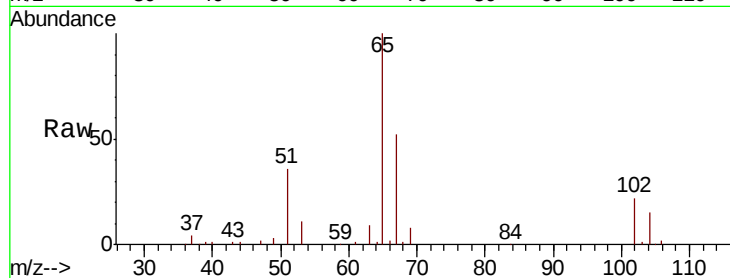




#33
 1,2-Dichloroethane-d4
 Concen: 15.023 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

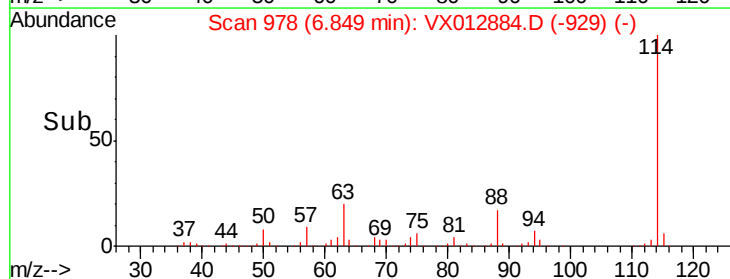
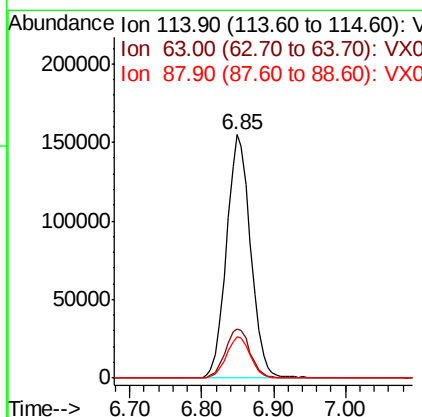
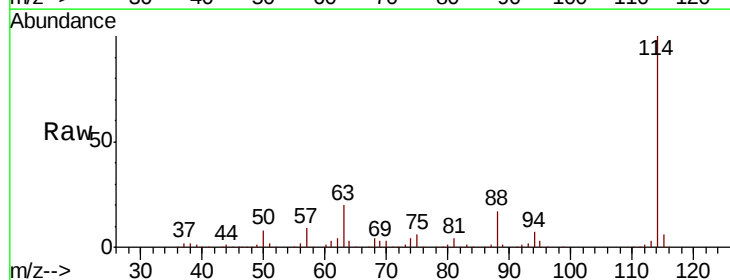
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

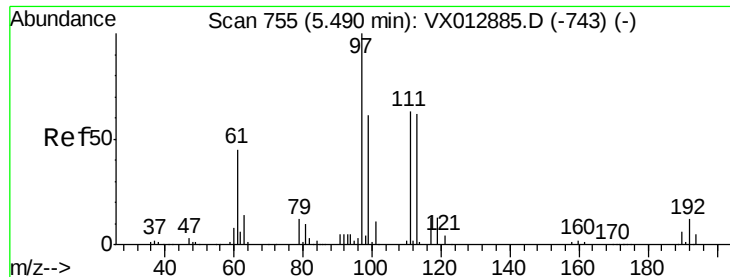
Tot Ion: 65 Resp: 45387
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 114 Resp: 361749
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 40.8
 88 16.8 0.0 33.8

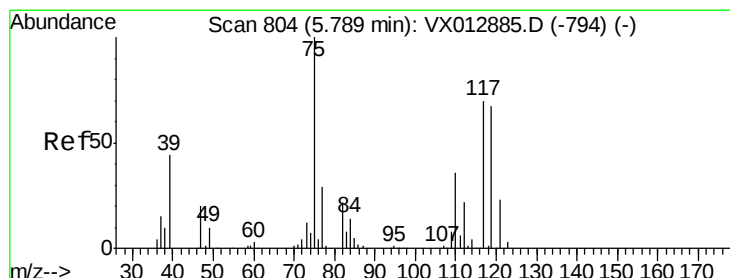
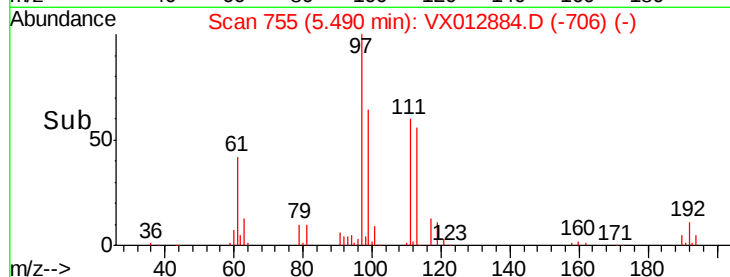
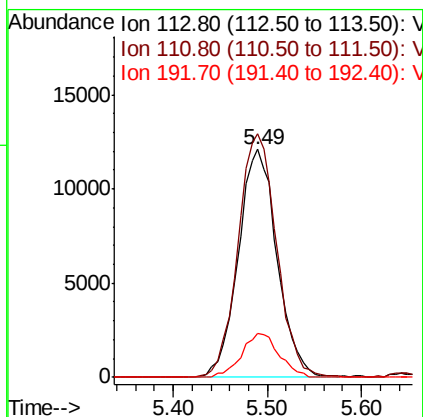
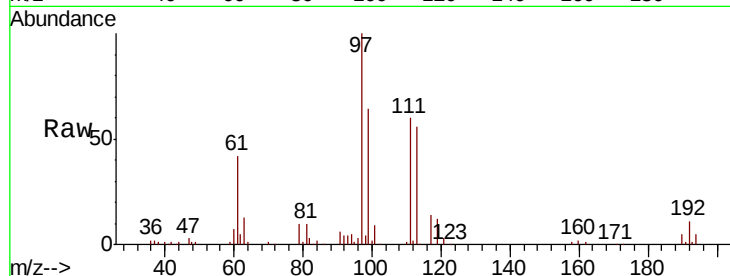




#35
 Dibromofluoromethane
 Concen: 16.063 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

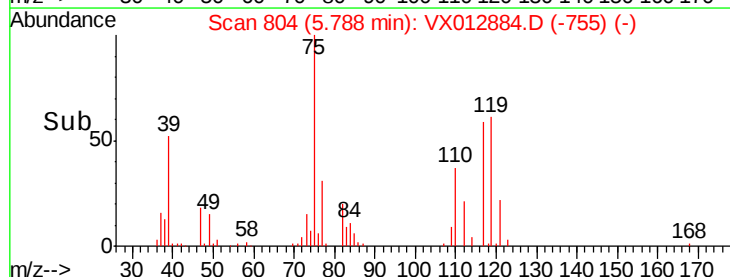
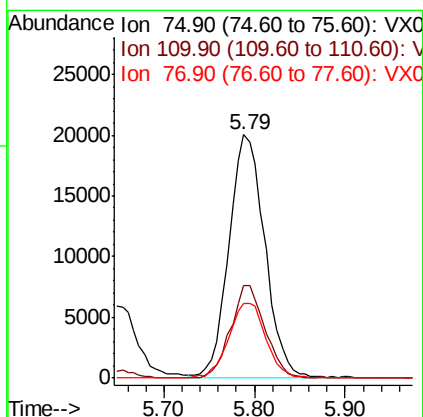
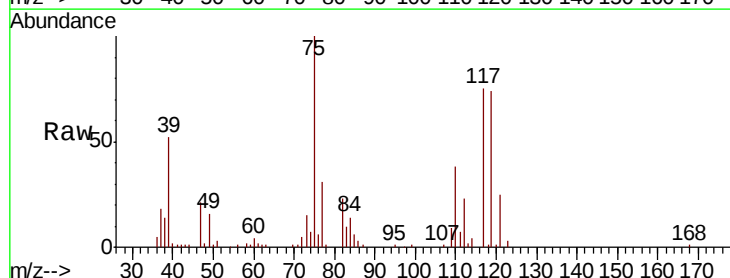
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

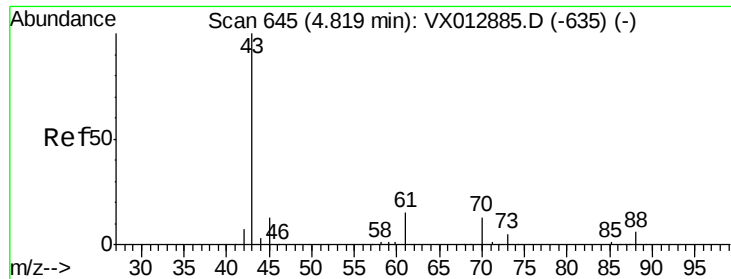
Tot Ion:113 Resp: 34810
 Ion Ratio Lower Upper
 113 100
 111 106.3 83.2 124.8
 192 18.6 15.4 23.2



#36
 1,1-Dichloropropene
 Concen: 15.622 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 75 Resp: 54757
 Ion Ratio Lower Upper
 75 100
 110 36.6 17.6 52.9
 77 32.0 24.4 36.6

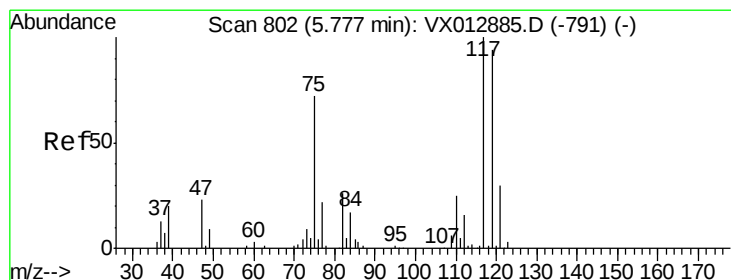
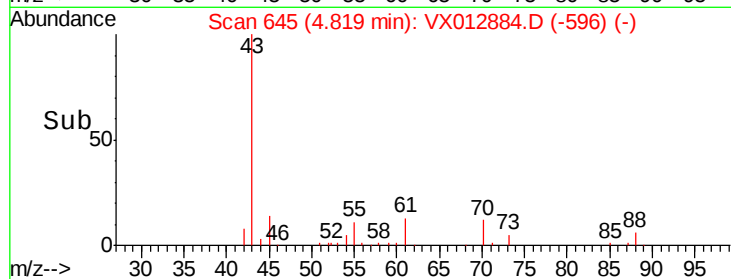
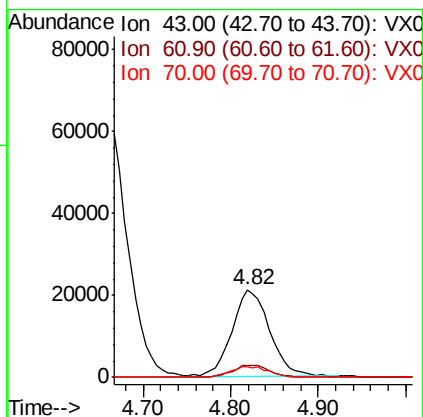
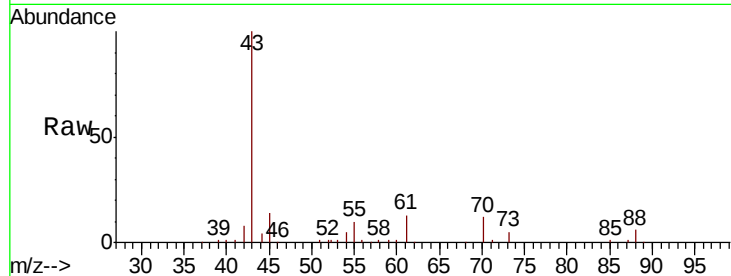




#37
Ethyl Acetate
Concen: 15.598 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

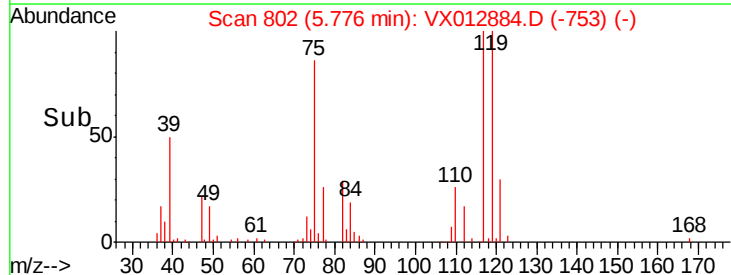
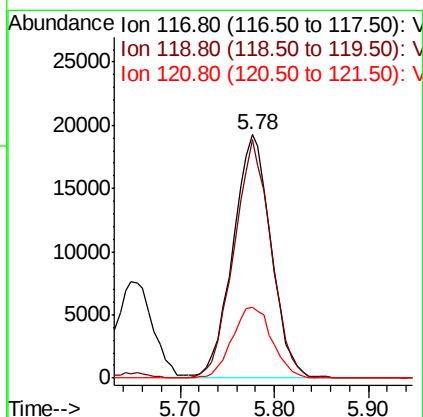
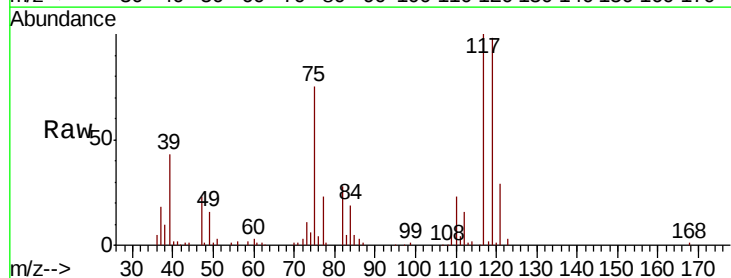
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

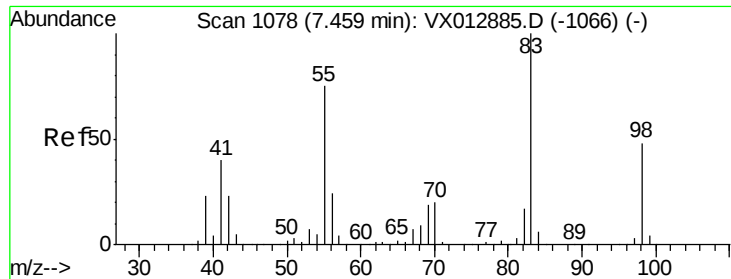
Tot Ion: 43 Resp: 63120
Ion Ratio Lower Upper
43 100
61 14.0 11.4 17.0
70 12.5 9.8 14.6



#38
Carbon Tetrachloride
Concen: 15.434 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 117 Resp: 54451
Ion Ratio Lower Upper
117 100
119 97.9 74.5 111.7
121 29.2 24.2 36.4

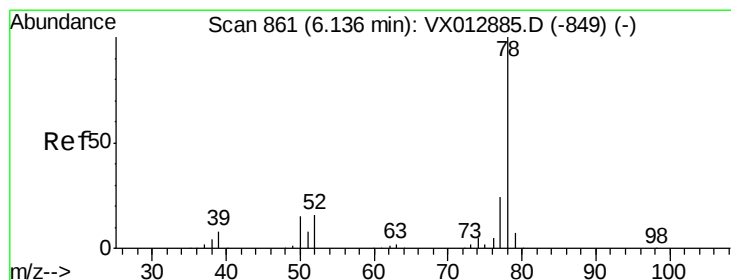
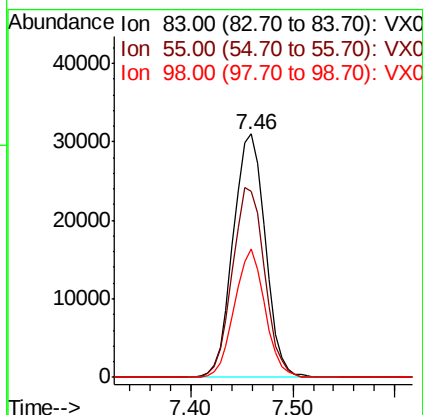
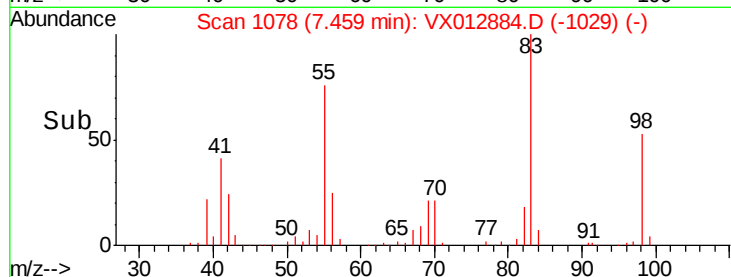
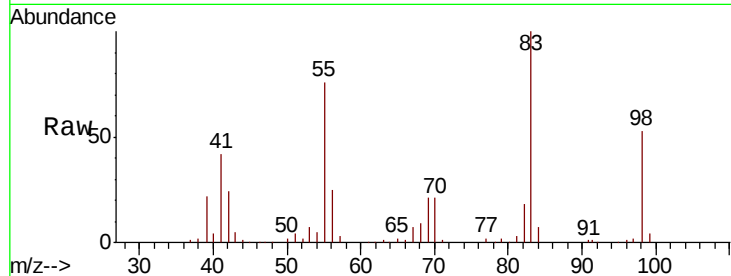




#39
Methvlcvclohexane
Concen: 16.024 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

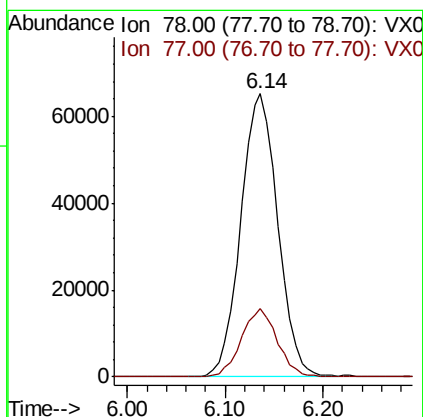
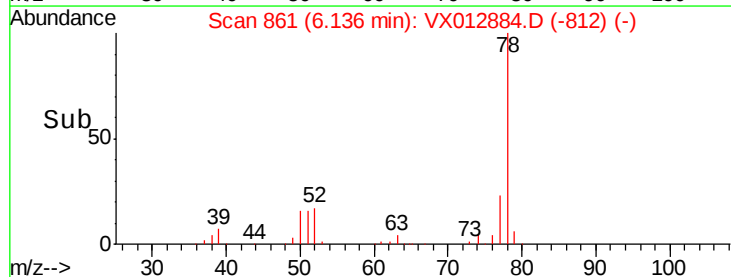
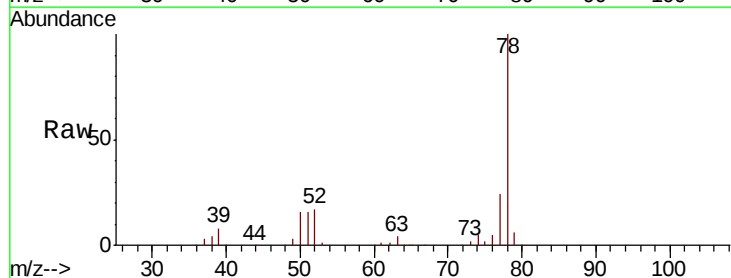
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 83 Resp: 67883
Ion Ratio Lower Upper
83 100
55 76.5 60.2 90.4
98 52.9 38.5 57.7



#40
Benzene
Concen: 16.658 ug/l
RT: 6.14 min Scan# 861
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 78 Resp: 171338
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.4





#41

Methacrylonitrile

Concen: 15.484 ug/l

RT: 5.03 min Scan# 680

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

Tot Ion: 41 Resp: 35018

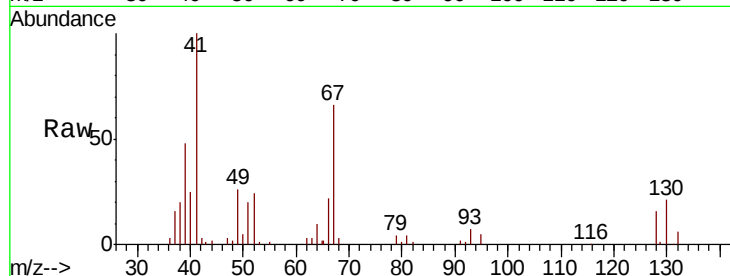
Ion Ratio Lower Upper

41 100

39 54.0 44.0 66.0

67 71.8 58.5 87.7

52 29.8 23.8 35.8

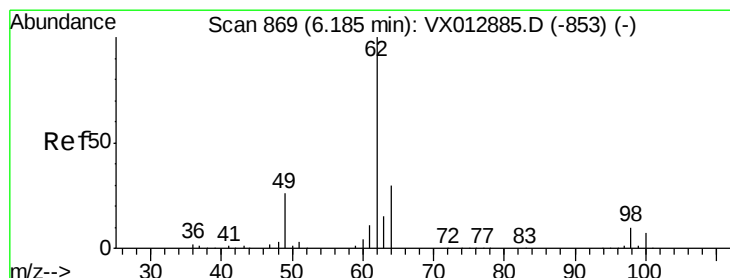
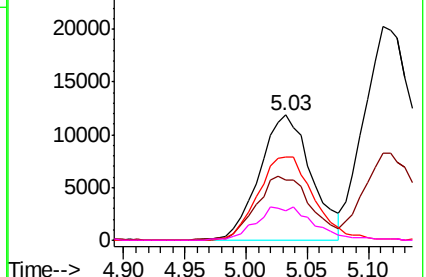
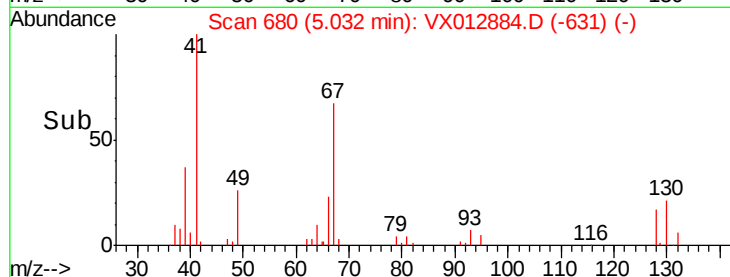


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 15.775 ug/l

RT: 6.18 min Scan# 869

Delta R.T. -0.00 min

Lab File: VX012884.D

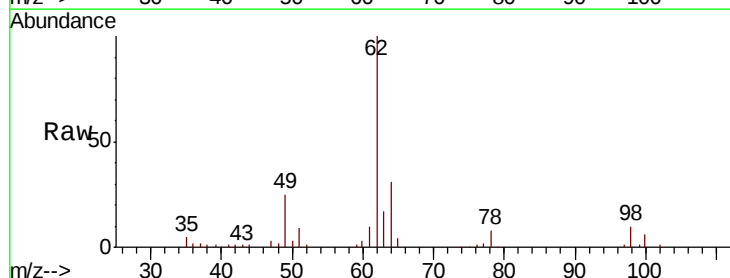
Acq: 08 Oct 2019 11:50

Tgt Ion: 62 Resp: 61076

Ion Ratio Lower Upper

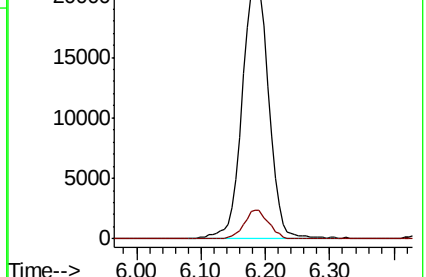
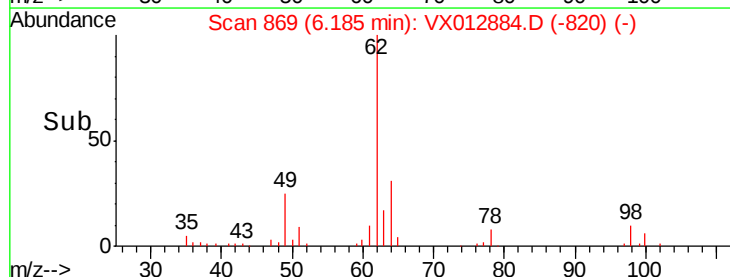
62 100

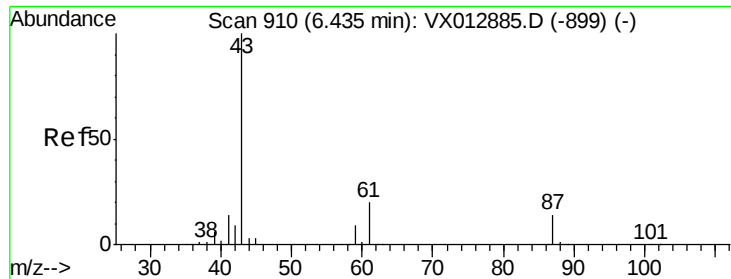
98 10.1 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



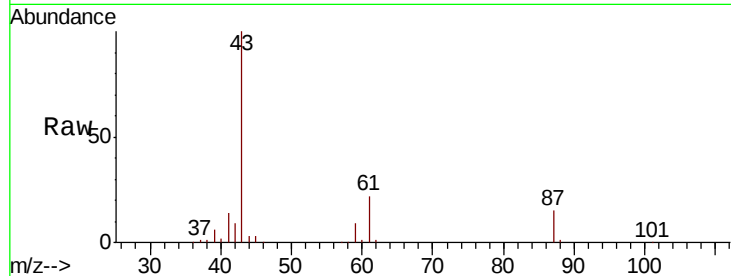


#43

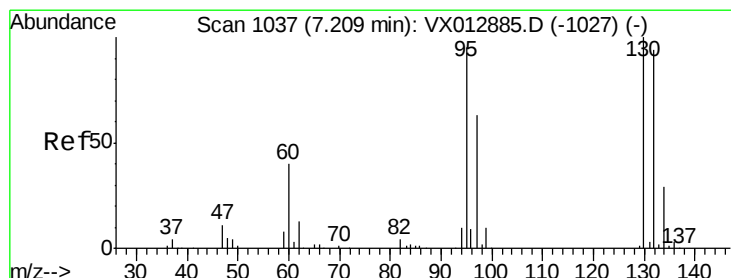
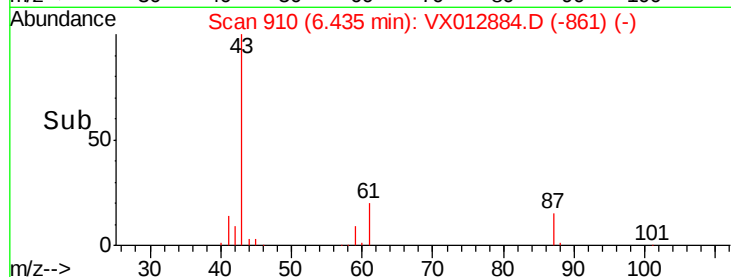
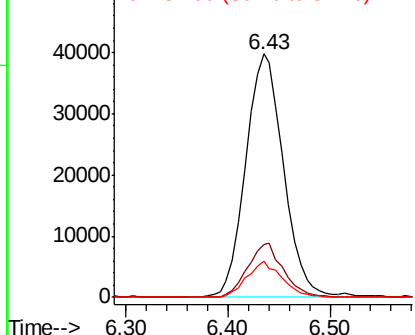
Isopropyl Acetate
 Concen: 15.157 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion: 43 Resp: 102353
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.6 24.8
 87 13.8 11.0 16.6



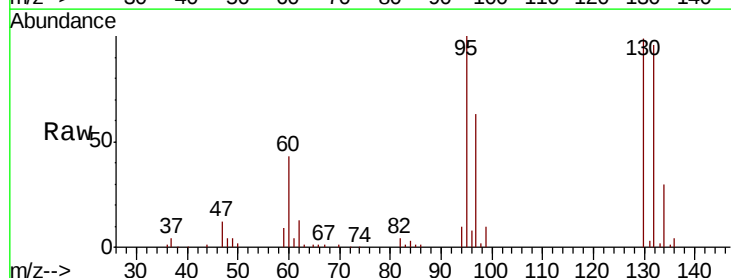
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



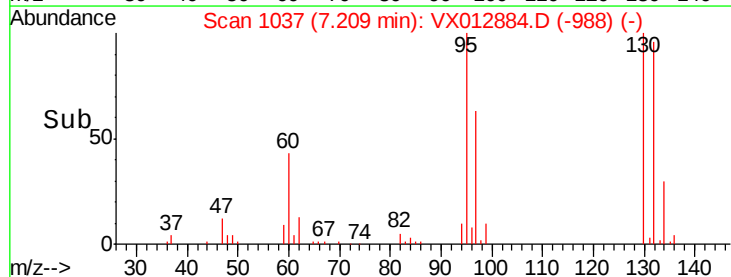
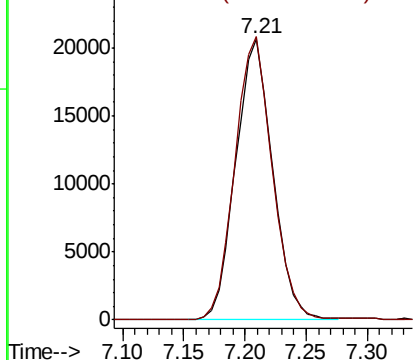
#44

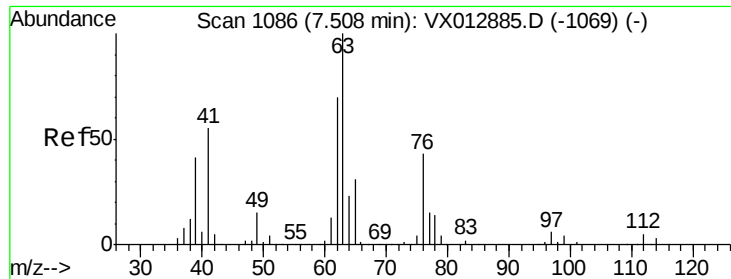
Trichloroethene
 Concen: 16.312 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 130 Resp: 43195
 Ion Ratio Lower Upper
 130 100
 95 100.8 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: 16.443 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

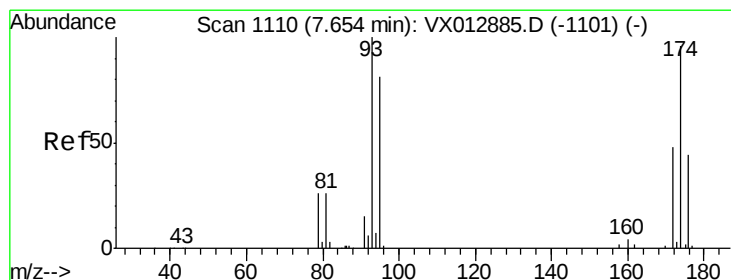
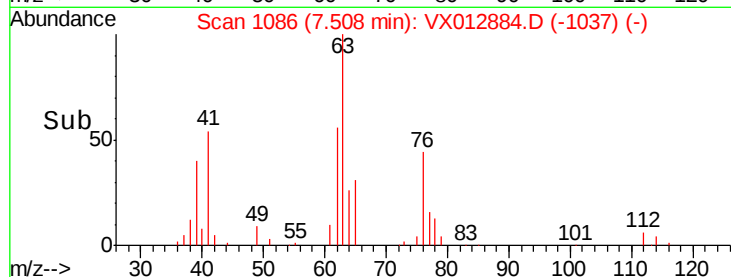
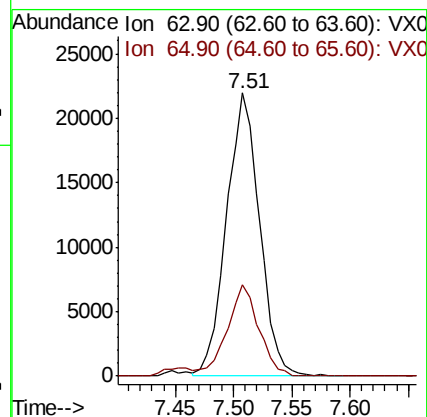
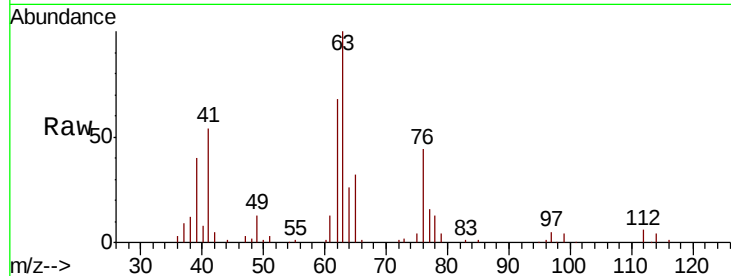
VSTDIC020

Tot Ion: 63 Resp: 43294

Ion Ratio Lower Upper

63 100

65 32.1 24.6 37.0



#46

Dibromomethane

Concen: 16.096 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

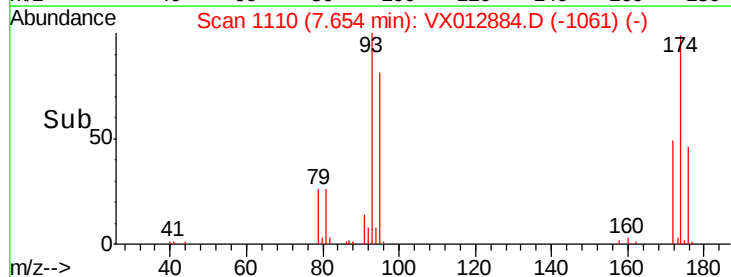
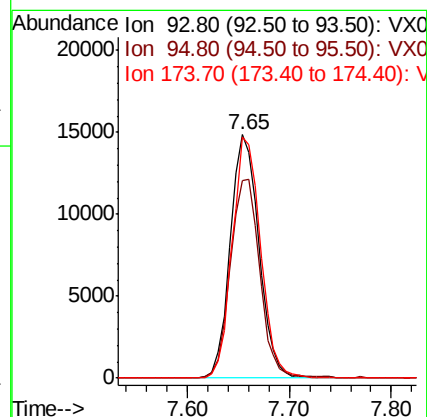
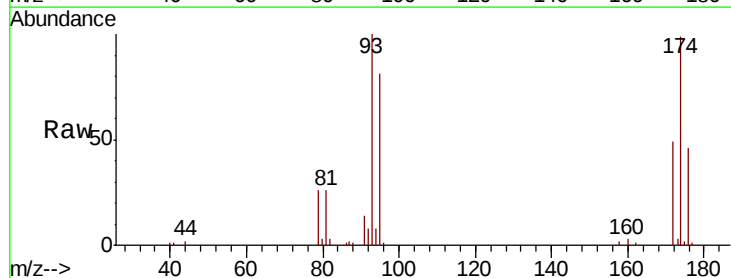
Tgt Ion: 93 Resp: 28814

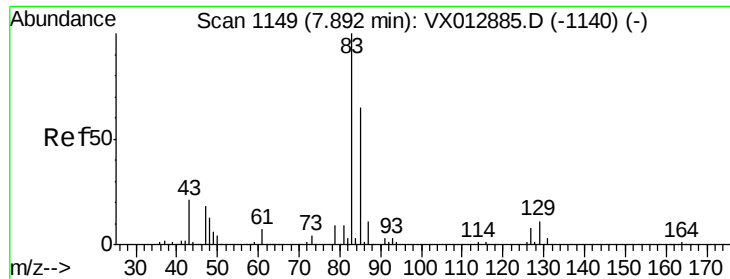
Ion Ratio Lower Upper

93 100

95 84.0 66.3 99.5

174 98.1 77.8 116.6





#47

Bromodichloromethane

Concen: 15.710 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

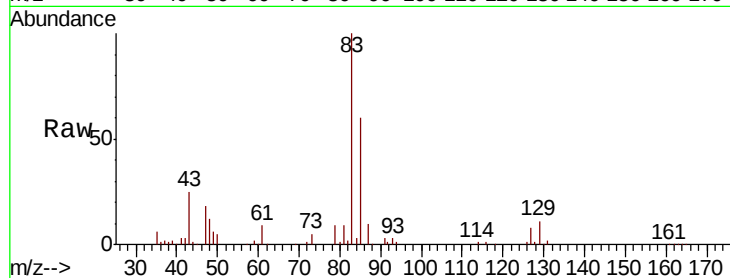
Tot Ion: 83 Resp: 55927

Ion Ratio Lower Upper

83 100

85 59.9 52.4 78.6

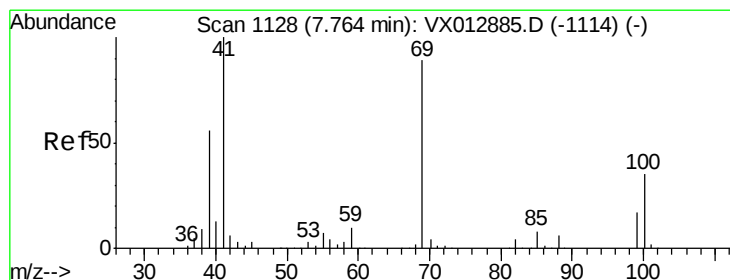
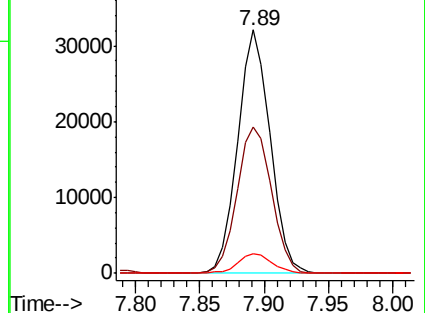
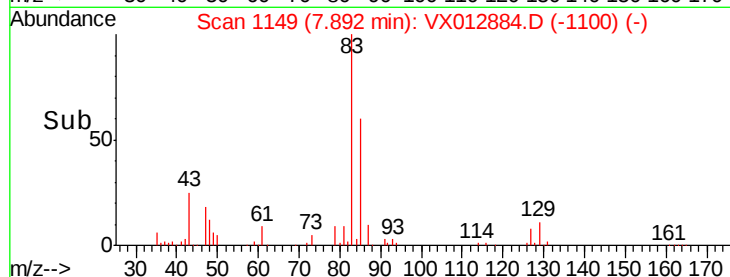
127 8.3 6.6 10.0



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: 15.799 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

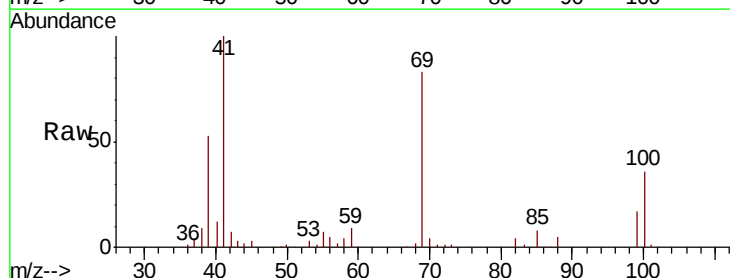
Tgt Ion: 41 Resp: 51102

Ion Ratio Lower Upper

41 100

69 80.1 68.7 103.1

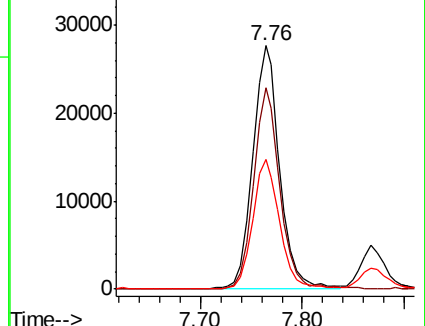
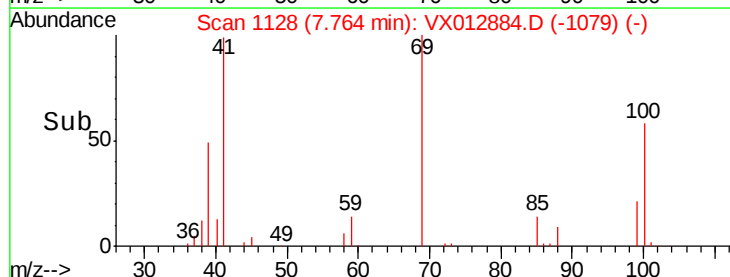
39 53.4 44.3 66.5

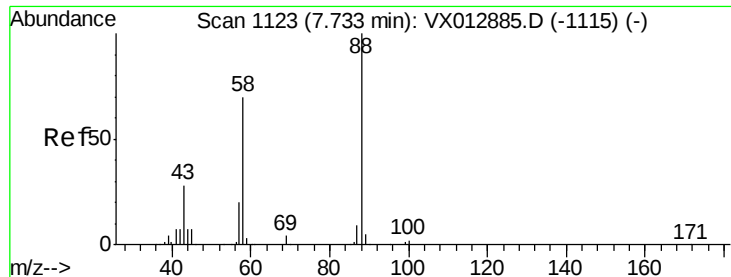


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

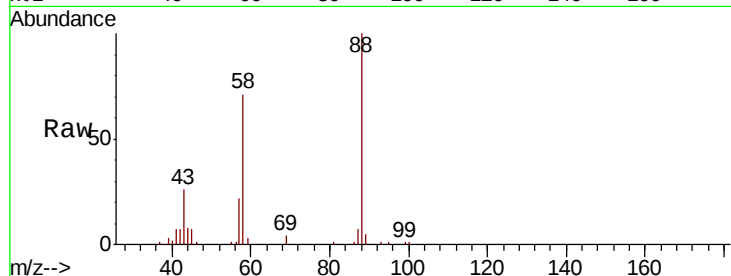




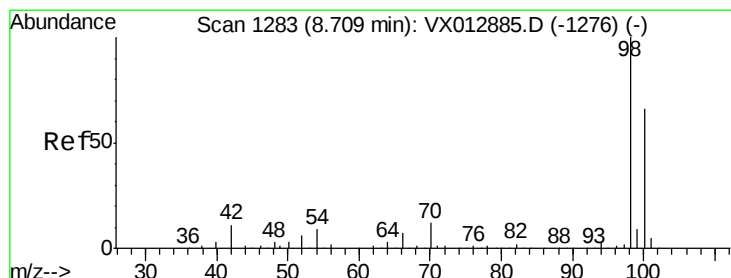
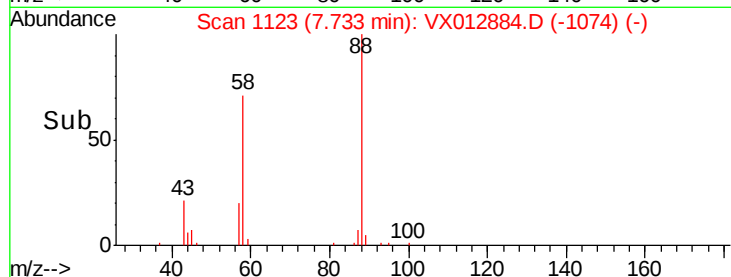
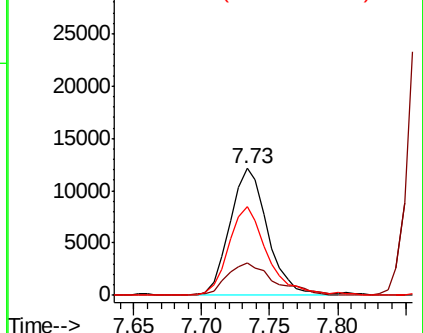
#49
1,4-Dioxane
Concen: 316.294 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion: 88 Resp: 23511
Ion Ratio Lower Upper
88 100
43 31.8 25.0 37.6
58 71.2 55.4 83.2

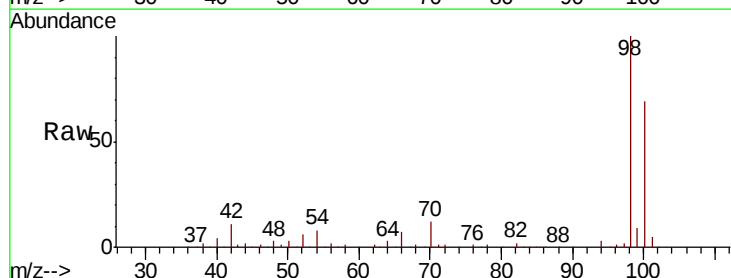


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

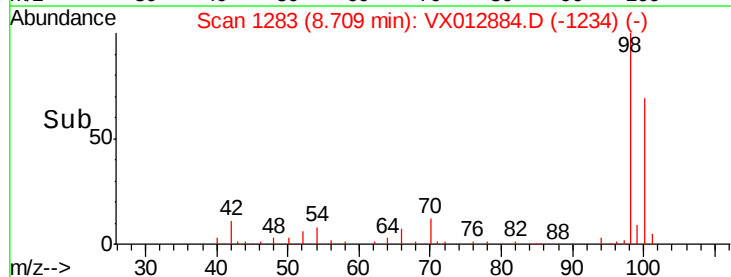
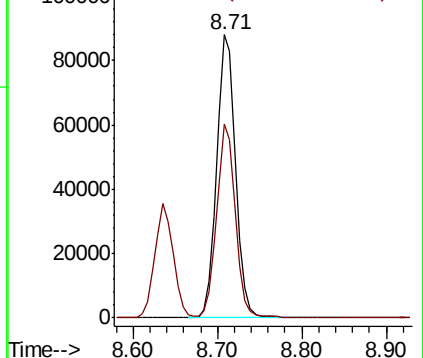


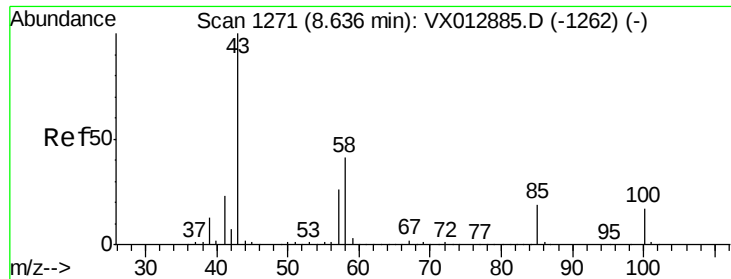
#50
Toluene-d8
Concen: 16.420 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 98 Resp: 137427
Ion Ratio Lower Upper
98 100
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 77.208 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

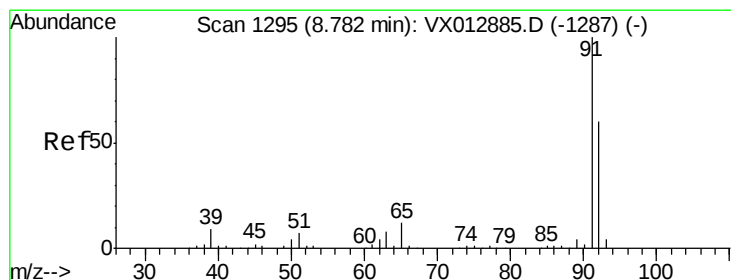
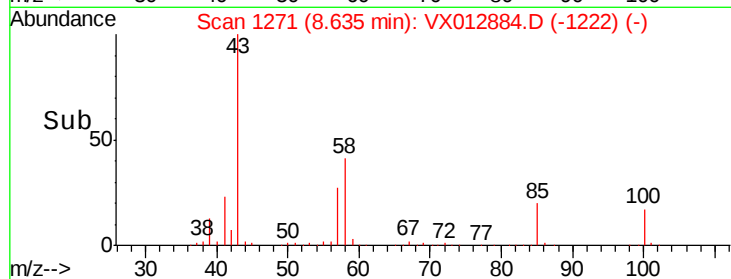
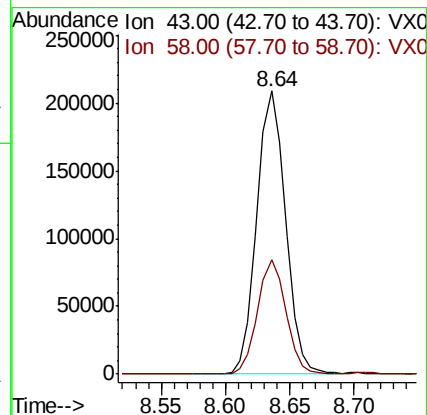
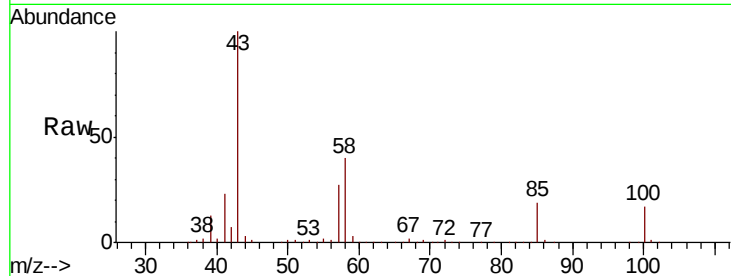
VSTDIC020

Tot Ion: 43 Resp: 321863

Ion Ratio Lower Upper

43 100

58 39.9 32.4 48.6



#52

Toluene

Concen: 16.781 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX012884.D

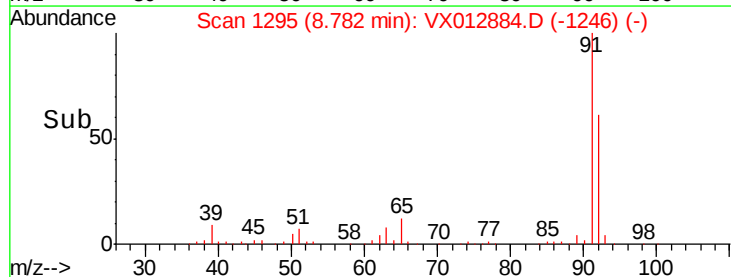
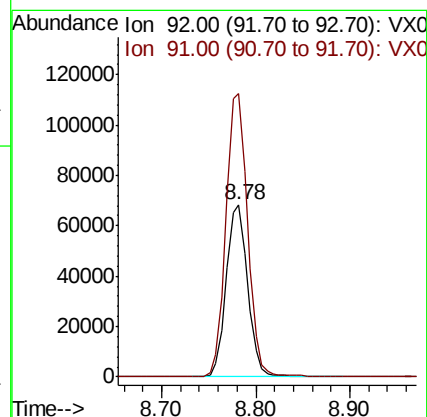
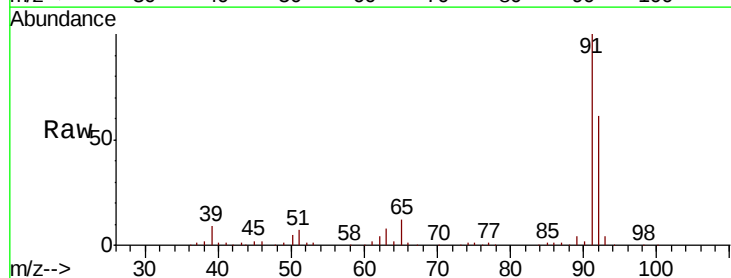
Acq: 08 Oct 2019 11:50

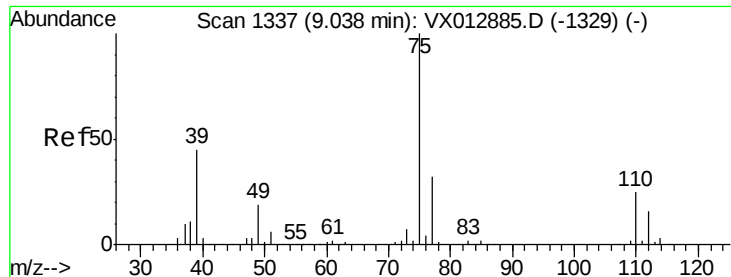
Tgt Ion: 92 Resp: 108428

Ion Ratio Lower Upper

92 100

91 166.2 135.9 203.9

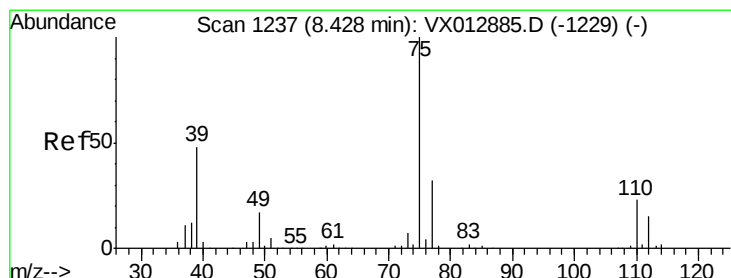
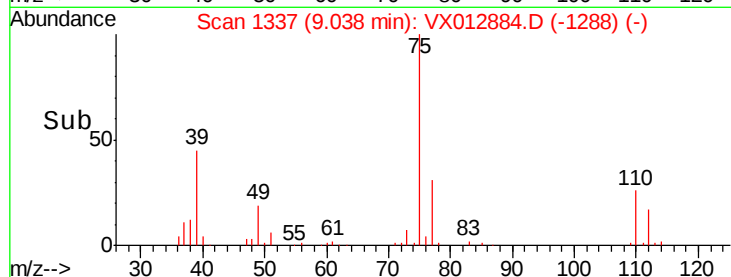
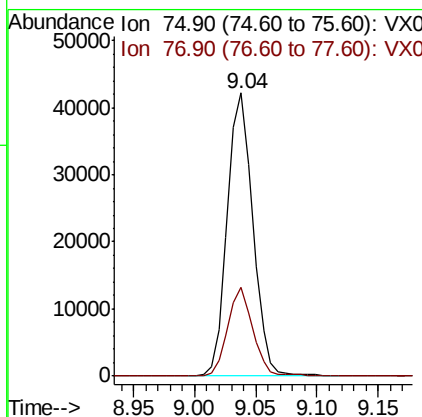
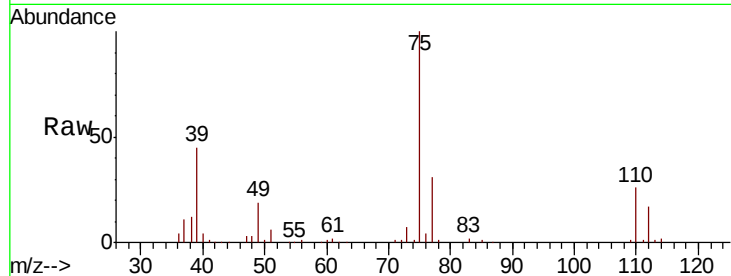




#53
 t-1,3-Dichloropropene
 Concen: 15.548 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

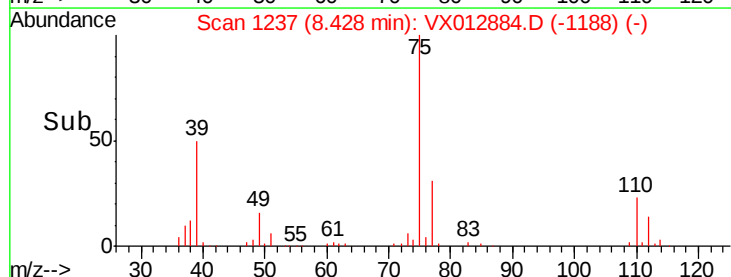
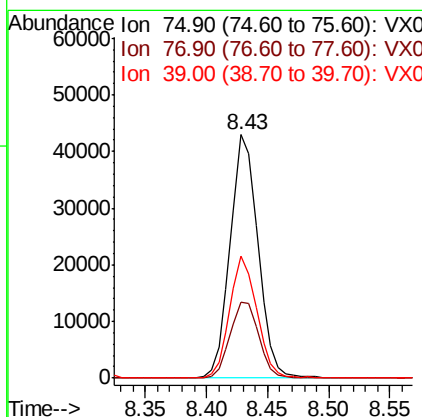
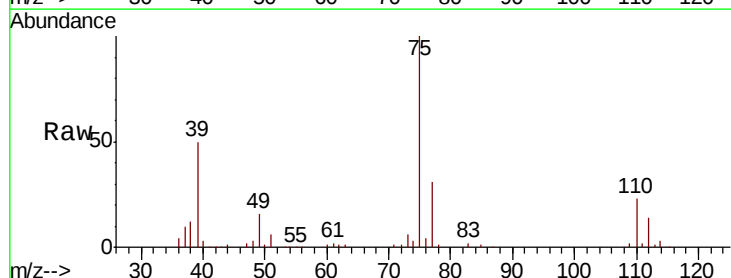
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

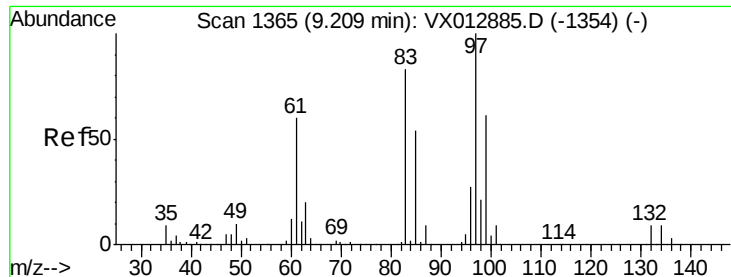
Tot Ion: 75 Resp: 61302
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 15.742 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 75 Resp: 67865
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.8 38.8
 39 50.0 38.2 57.2

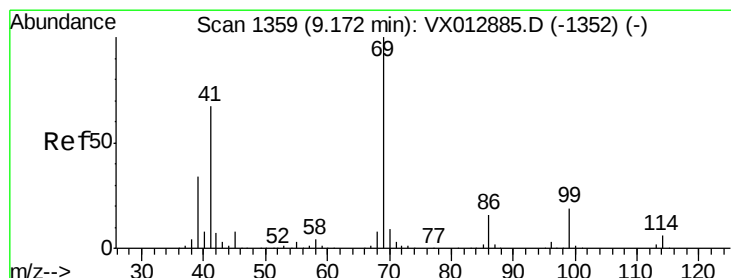
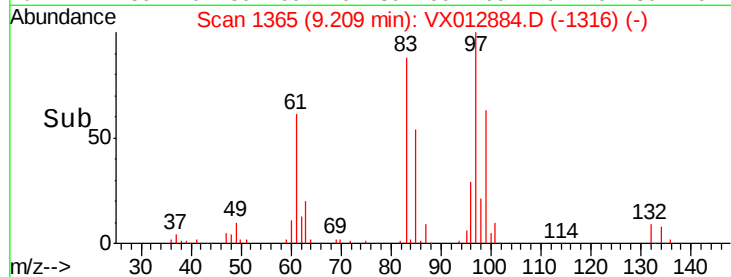
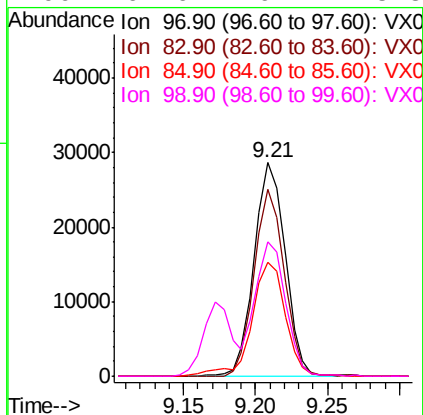
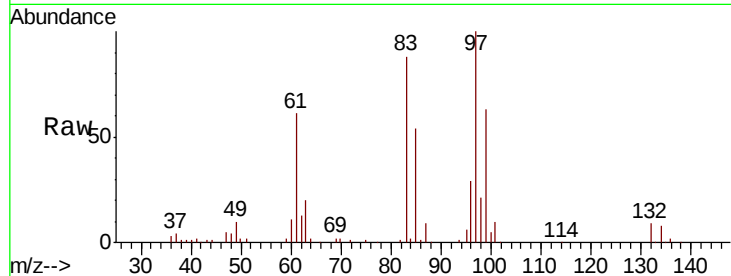




#55
 1,1,2-Trichloroethane
 Concen: 16.662 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

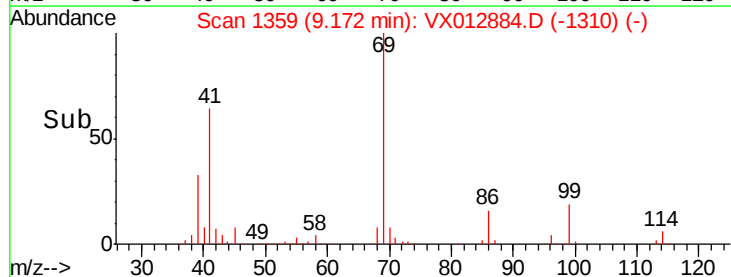
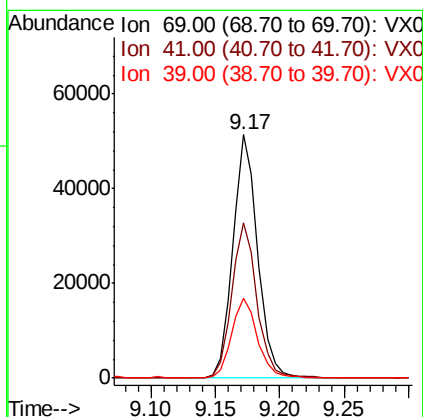
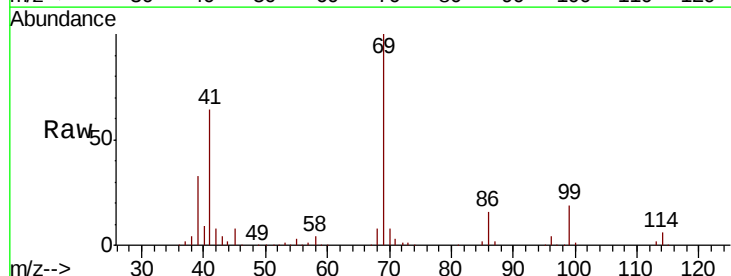
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

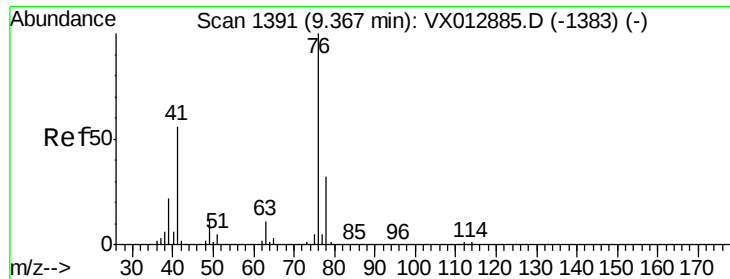
Tot Ion:	97	Resp:	42794
Ion	Ratio	Lower	Upper
97	100		
83	87.7	66.5	99.7
85	53.3	43.1	64.7
99	62.6	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 16.017 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion:	69	Resp:	68922
Ion	Ratio	Lower	Upper
69	100		
41	65.4	52.1	78.1
39	34.3	27.8	41.8





#57

1,3-Dichloropropane

Concen: 16.205 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

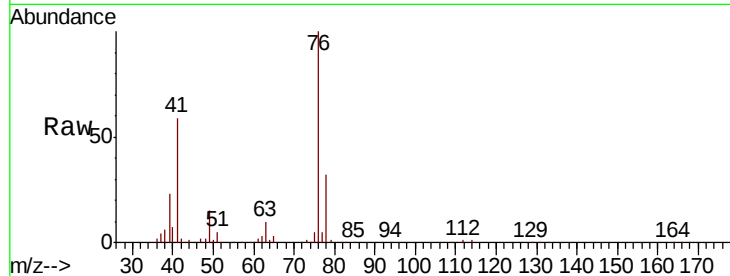
VSTDIC020

Tot Ion: 76 Resp: 72791

Ion Ratio Lower Upper

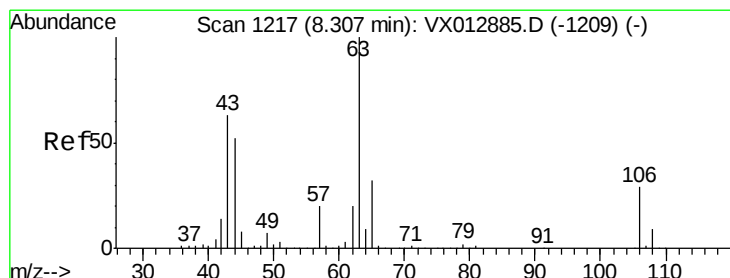
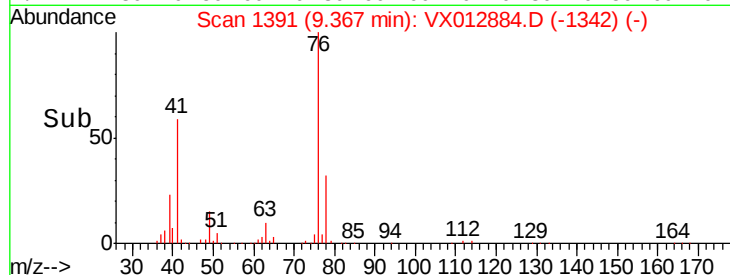
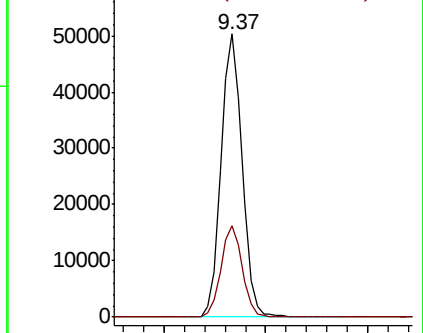
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 79.297 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX012884.D

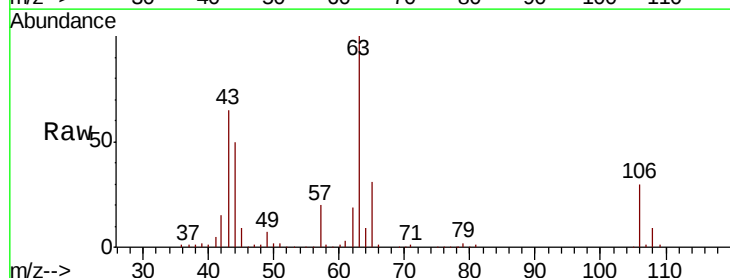
Acq: 08 Oct 2019 11:50

Tgt Ion: 63 Resp: 152182

Ion Ratio Lower Upper

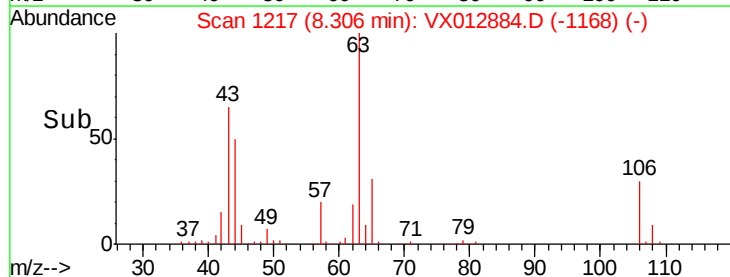
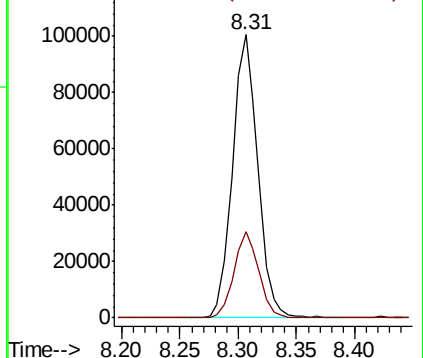
63 100

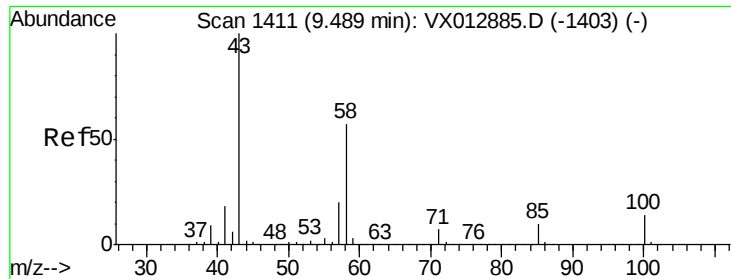
106 29.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

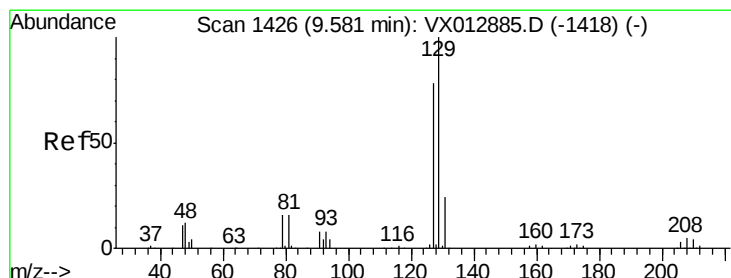
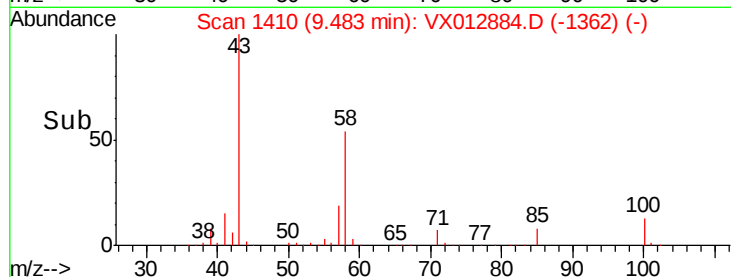
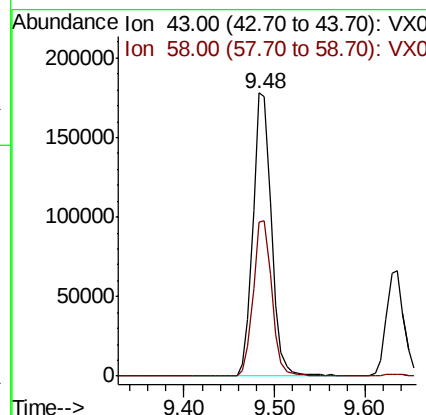
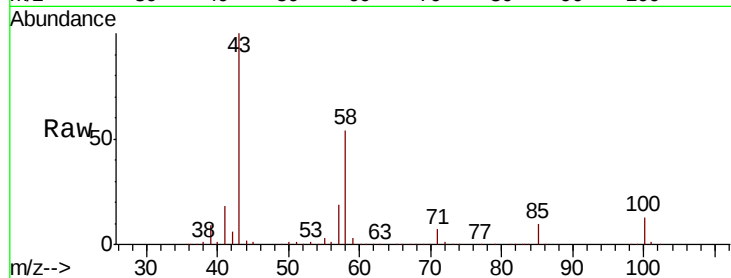




#59
2-Hexanone
Concen: 78.895 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

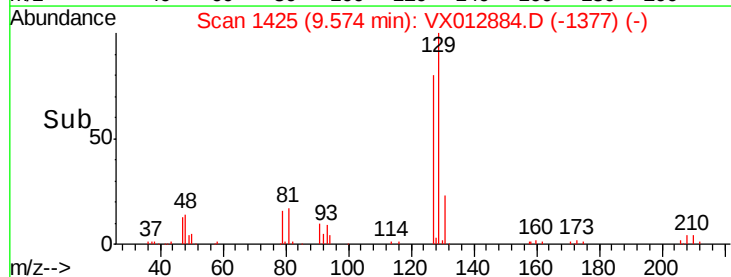
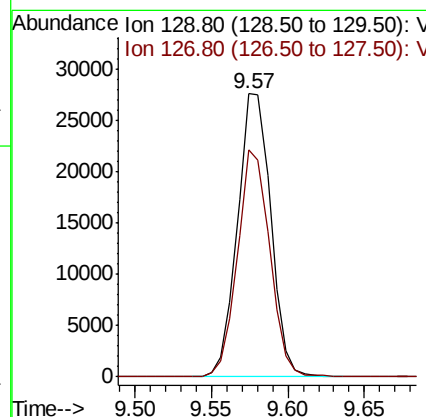
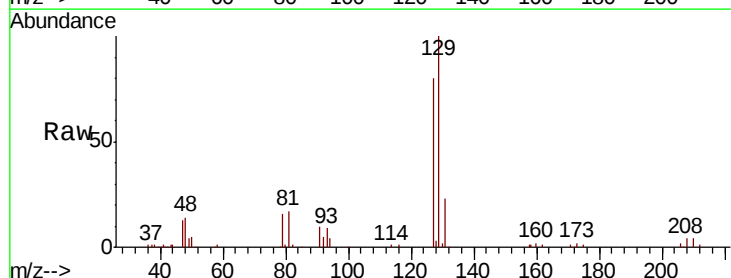
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

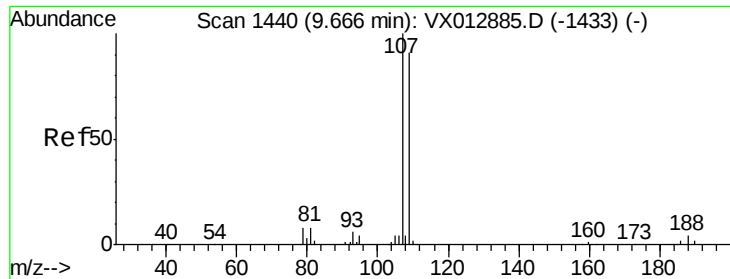
Tot Ion: 43 Resp: 251233
Ion Ratio Lower Upper
43 100
58 55.3 28.1 84.3



#60
Dibromochloromethane
Concen: 16.022 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 129 Resp: 41694
Ion Ratio Lower Upper
129 100
127 77.6 38.9 116.7





#61

1,2-Dibromoethane

Concen: 16.421 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

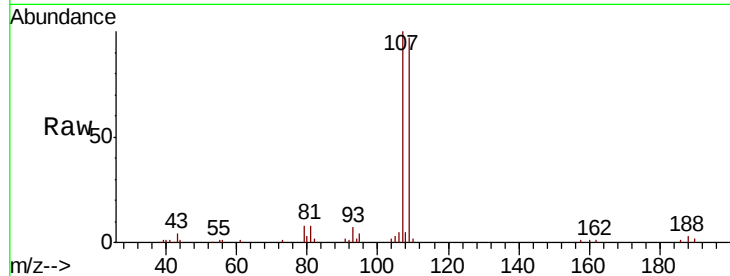
VSTDIC020

Tot Ion:107 Resp: 43897

Ion Ratio Lower Upper

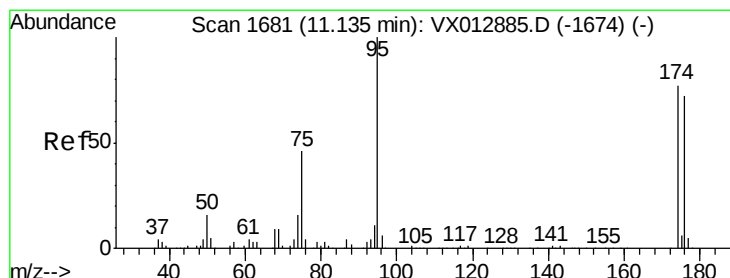
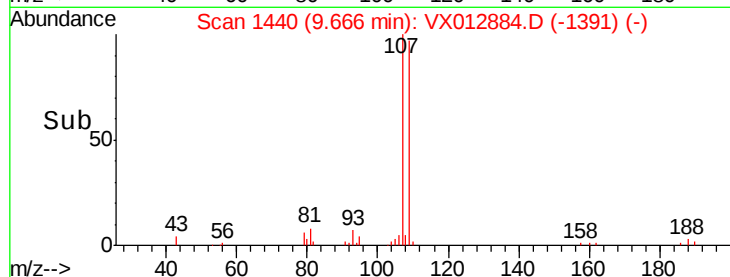
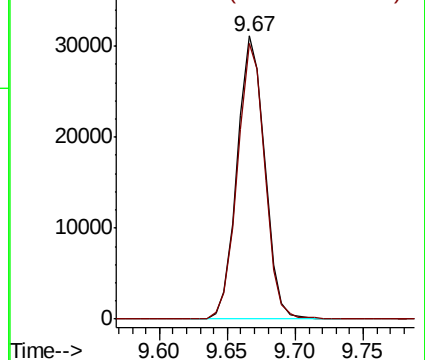
107 100

109 96.9 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 15.873 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

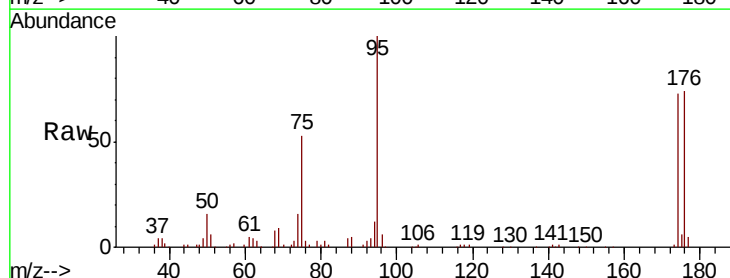
Tgt Ion: 95 Resp: 52212

Ion Ratio Lower Upper

95 100

174 70.8 0.0 143.4

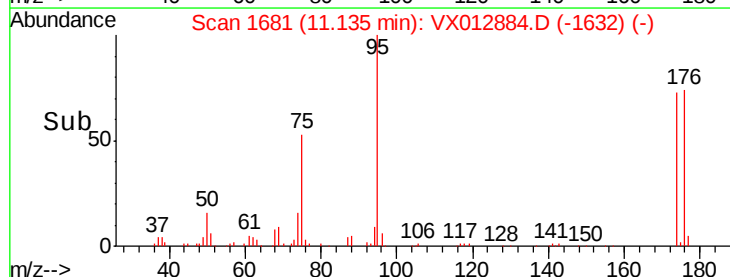
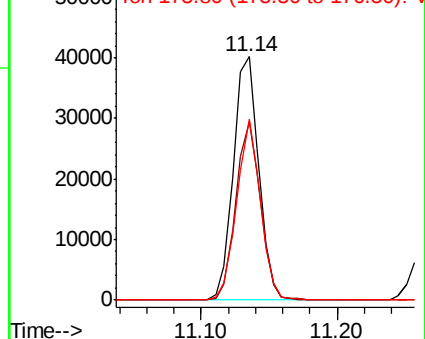
176 69.4 0.0 136.0

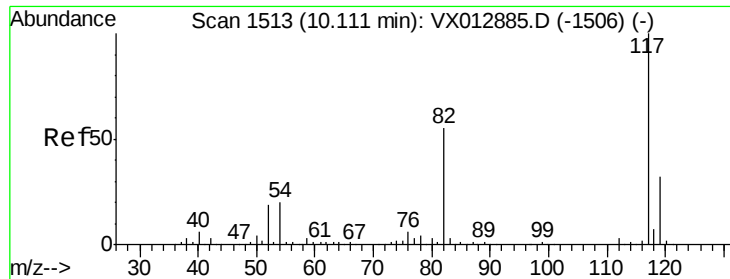


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

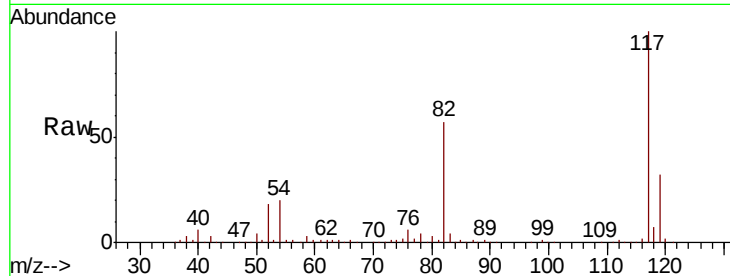




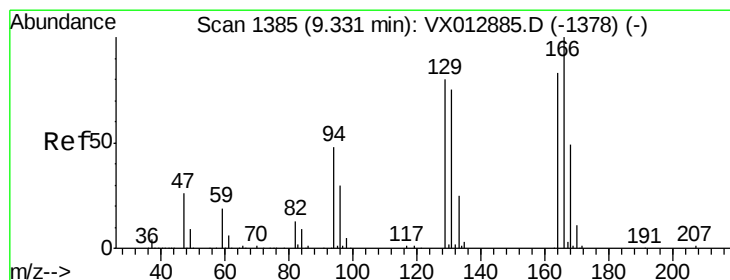
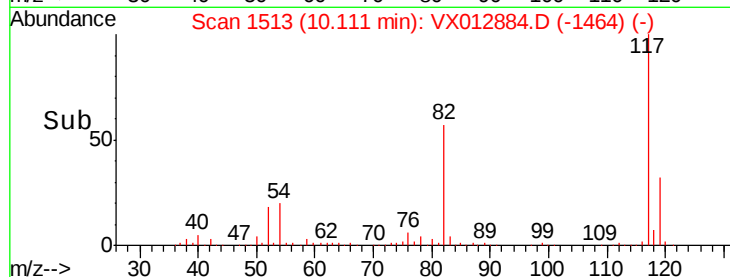
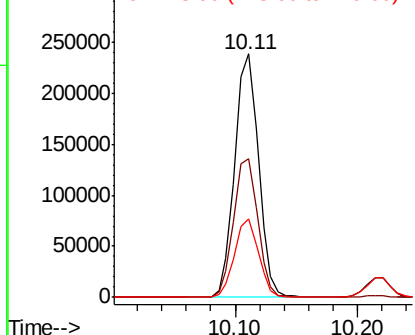
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:117 Resp: 320912
Ion Ratio Lower Upper
117 100
82 57.0 44.1 66.1
119 32.3 25.8 38.8



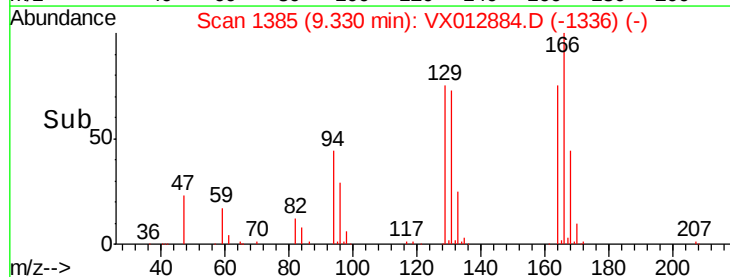
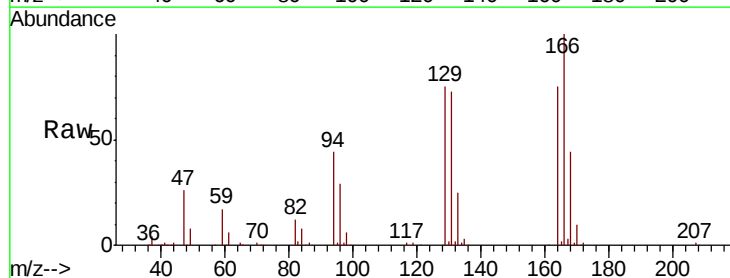
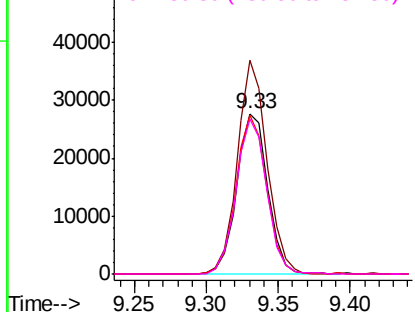
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

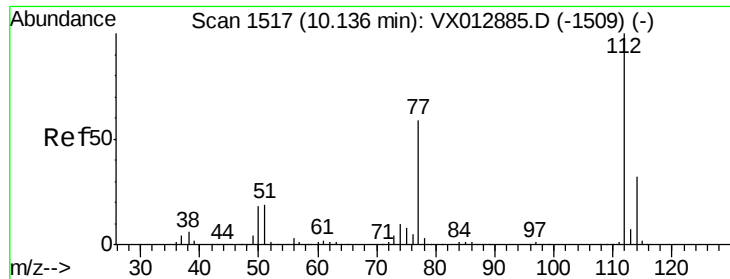


#64
Tetrachloroethene
Concen: 18.245 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion:164 Resp: 41395
Ion Ratio Lower Upper
164 100
166 133.0 96.9 145.3
129 99.2 77.9 116.9
131 96.7 72.7 109.1

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

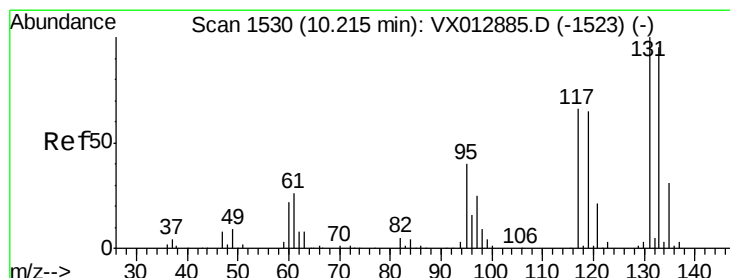
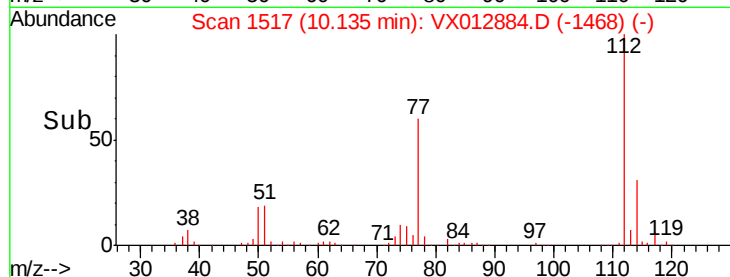
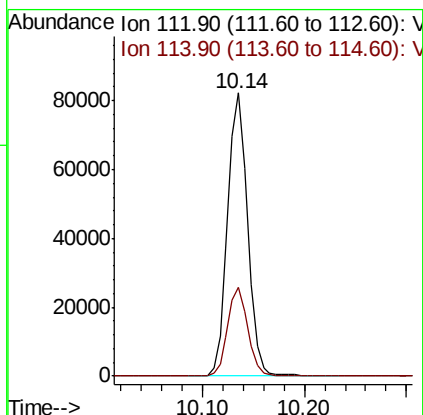
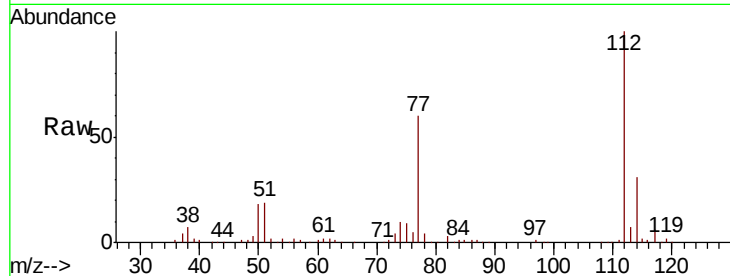




#65
Chlorobenzene
Concen: 16.422 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

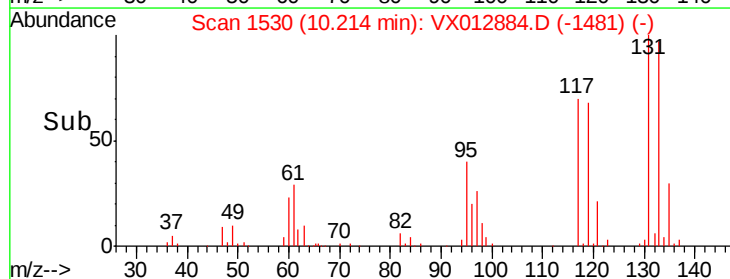
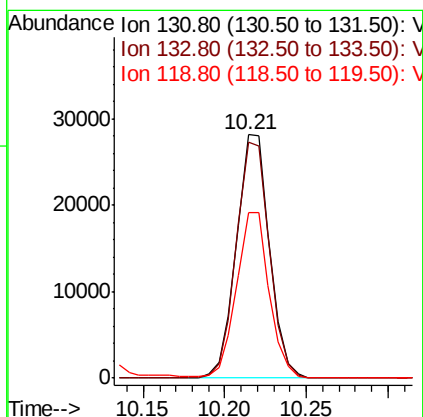
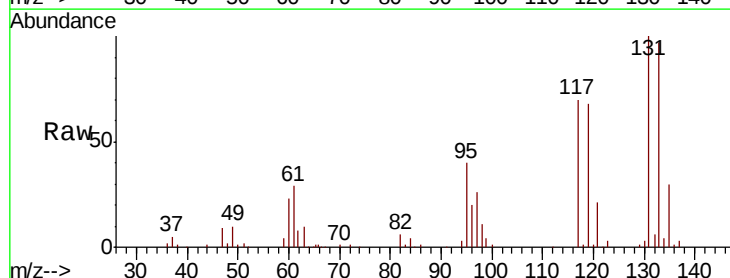
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

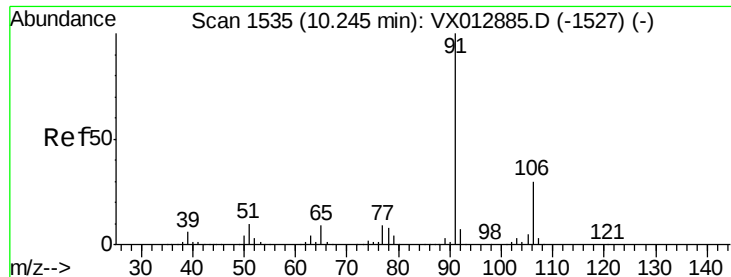
Tot Ion:112 Resp: 111263
Ion Ratio Lower Upper
112 100
114 31.4 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 16.264 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion:131 Resp: 39912
Ion Ratio Lower Upper
131 100
133 97.0 47.2 141.6
119 66.9 32.6 98.0





#67

Ethyl Benzene

Concen: 16.439 ug/l

RT: 10.24 min Scan# 1535

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

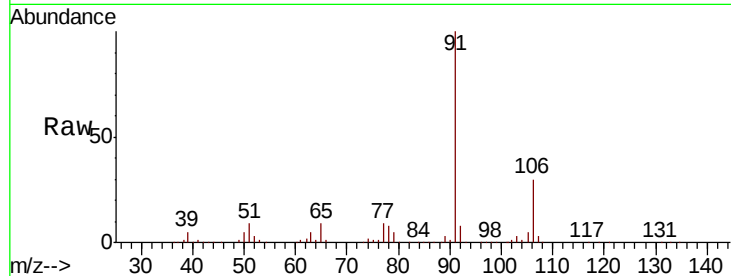
VSTDIC020

Tot Ion: 91 Resp: 201931

Ion Ratio Lower Upper

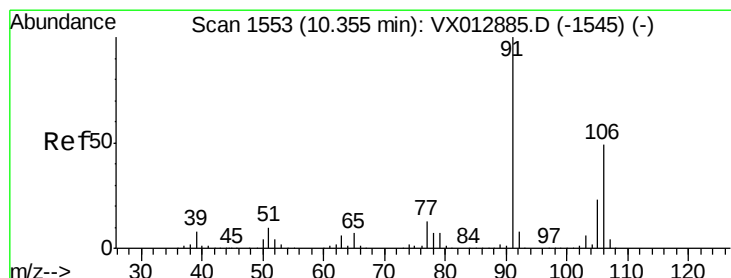
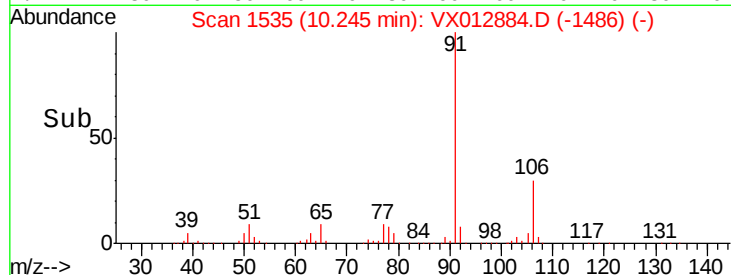
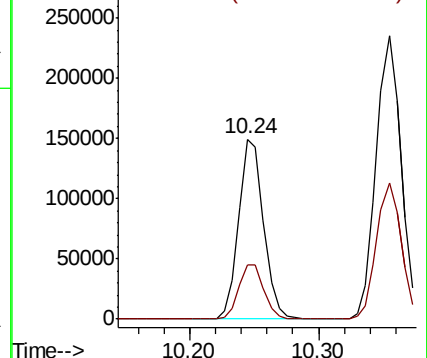
91 100

106 29.9 23.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 33.091 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX012884.D

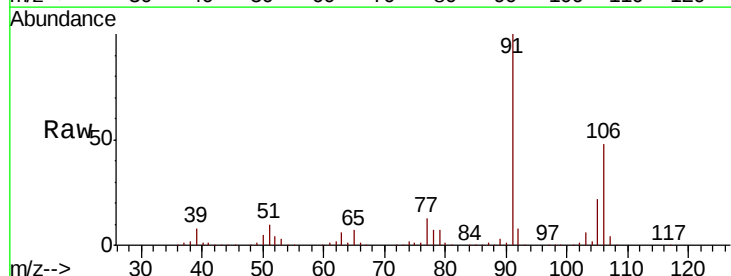
Acq: 08 Oct 2019 11:50

Tgt Ion: 106 Resp: 152137

Ion Ratio Lower Upper

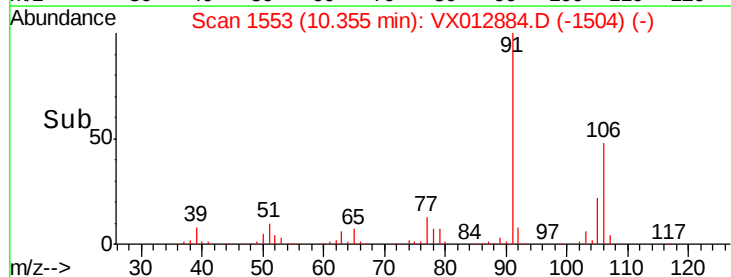
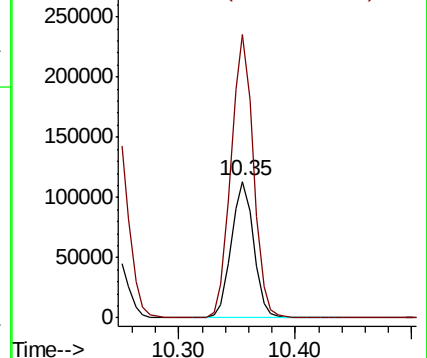
106 100

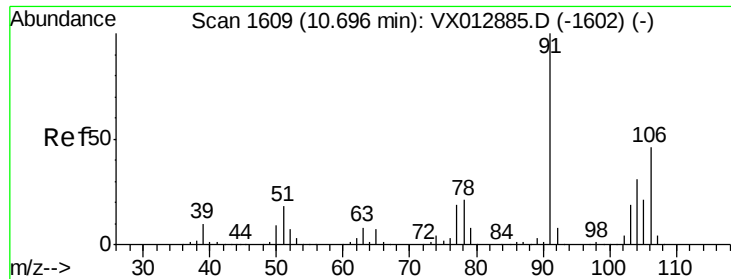
91 206.5 165.3 247.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

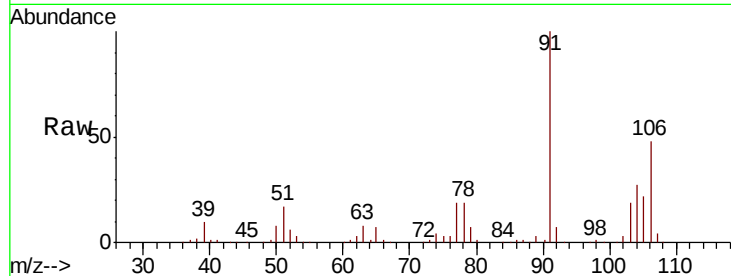




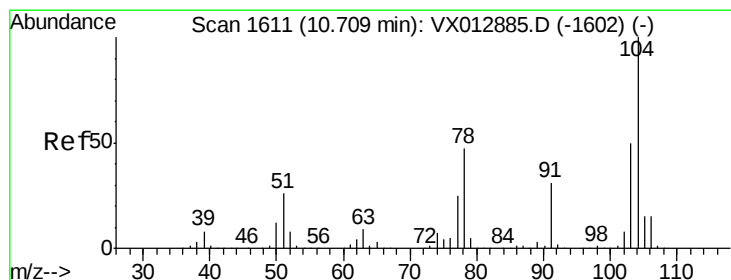
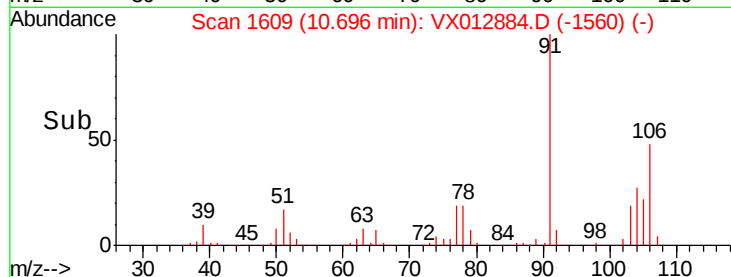
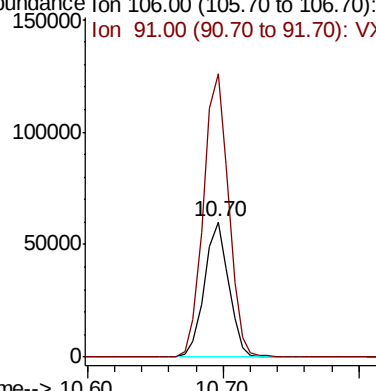
#69
o-Xylene
Concen: 16.739 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:106 Resp: 74577
Ion Ratio Lower Upper
106 100
91 216.9 109.1 327.3

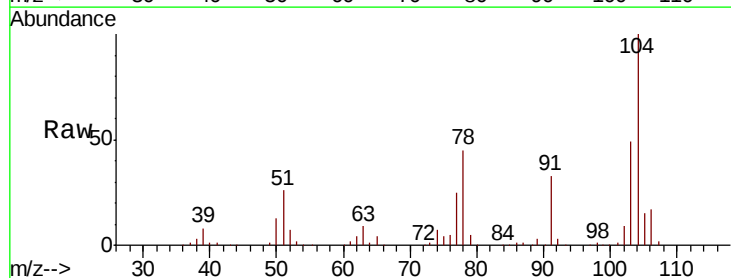


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

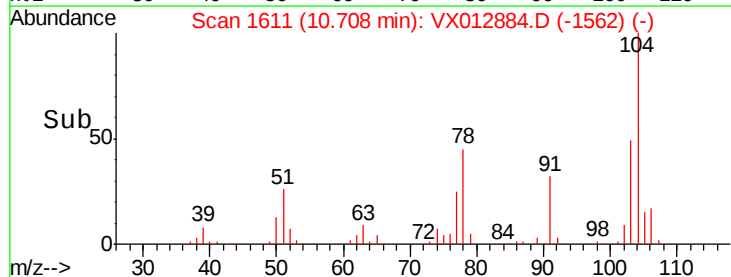
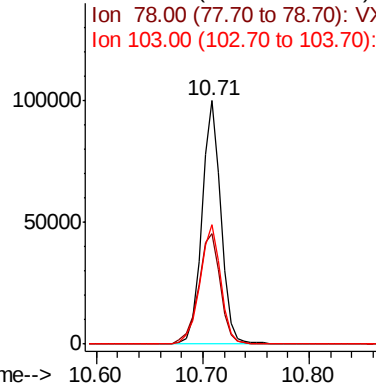


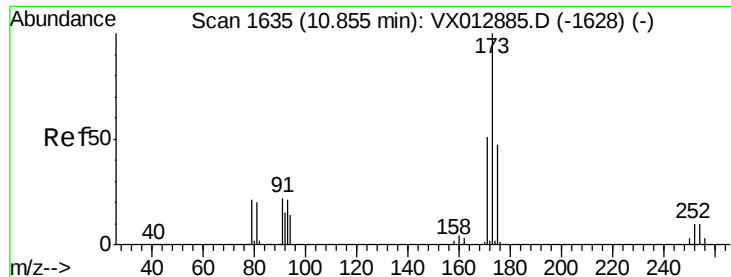
#70
Styrene
Concen: 16.696 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion:104 Resp: 124815
Ion Ratio Lower Upper
104 100
78 52.4 41.2 61.8
103 53.8 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: 15.673 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

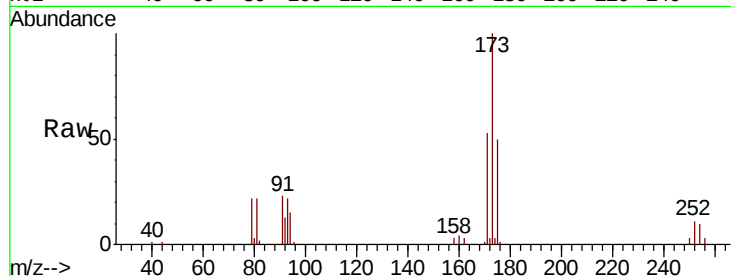
Tot Ion:173 Resp: 26942

Ion Ratio Lower Upper

173 100

175 50.2 24.1 72.3

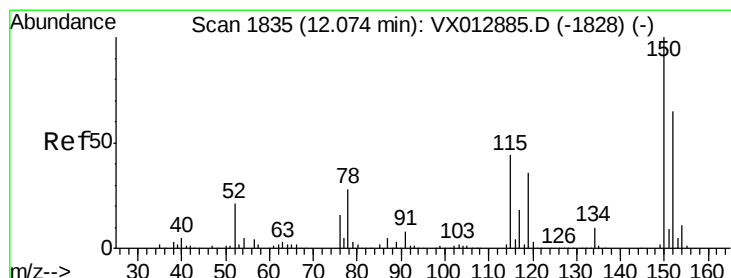
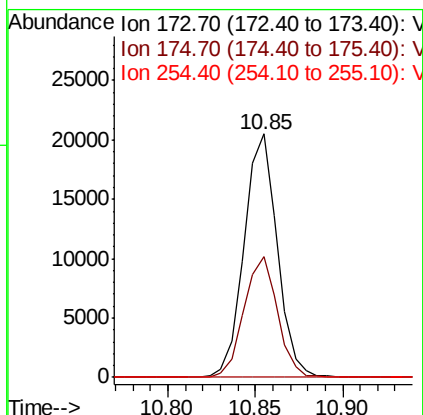
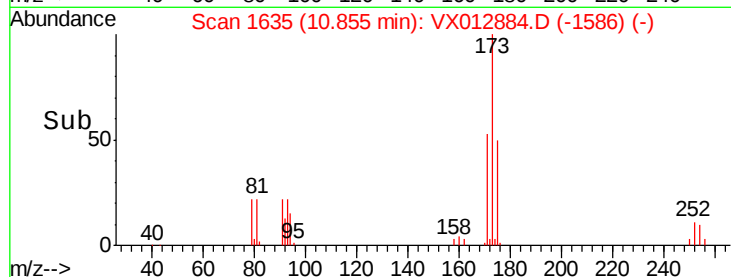
254 0.0 0.1 0.1#



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: VX012884.D

Acq: 08 Oct 2019 11:50

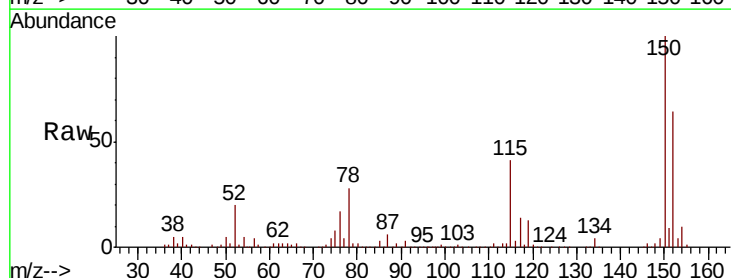
Tgt Ion:152 Resp: 145958

Ion Ratio Lower Upper

152 100

115 72.3 44.5 133.5

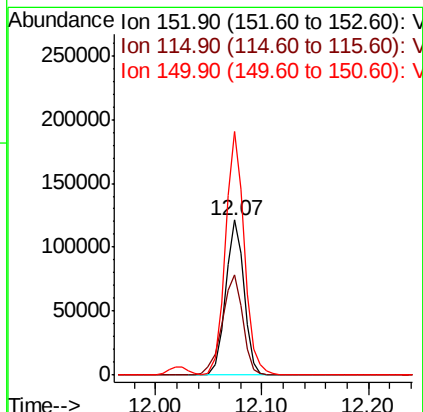
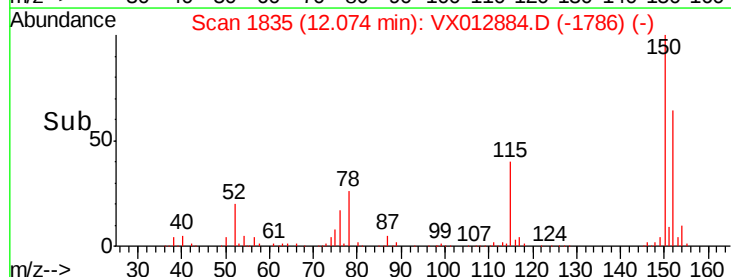
150 161.8 0.0 353.4

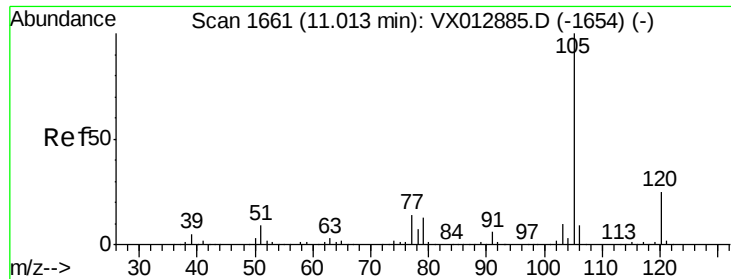


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 16.629 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

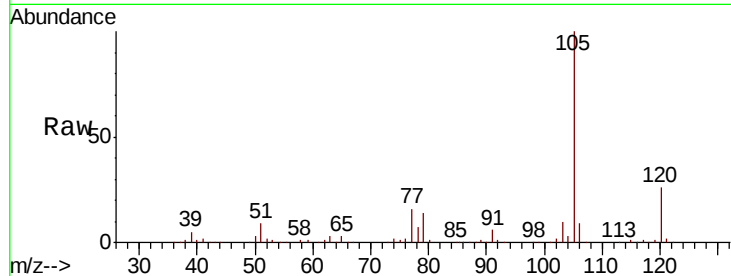
VSTDIC020

Tot Ion:105 Resp: 197814

Ion Ratio Lower Upper

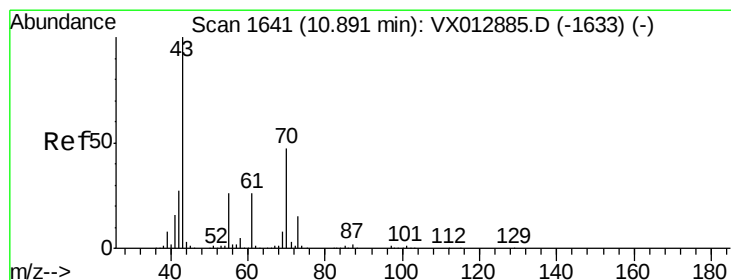
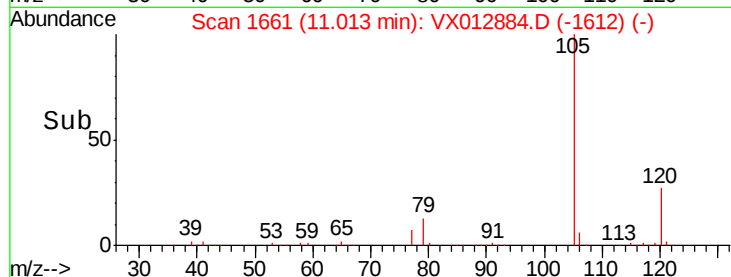
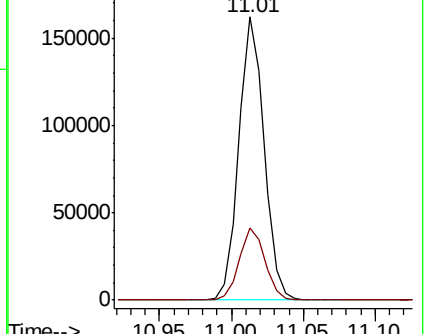
105 100

120 26.0 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: 15.167 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Tgt Ion: 43 Resp: 84664

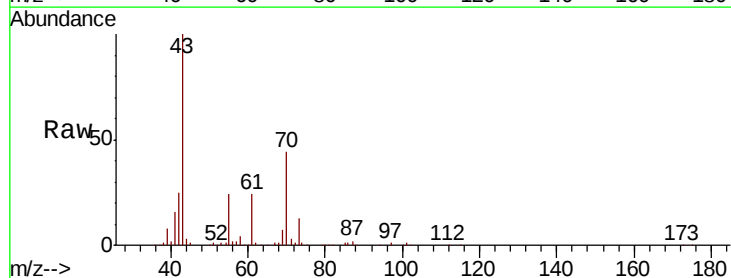
Ion Ratio Lower Upper

43 100

70 45.3 36.4 54.6

55 24.1 20.2 30.2

61 24.2 20.5 30.7

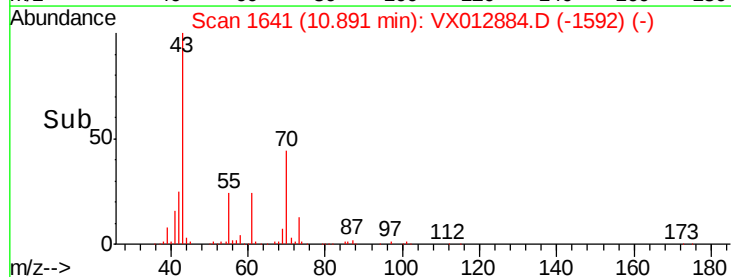
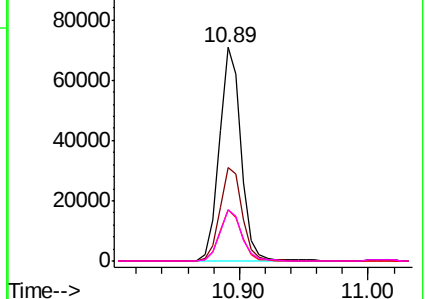


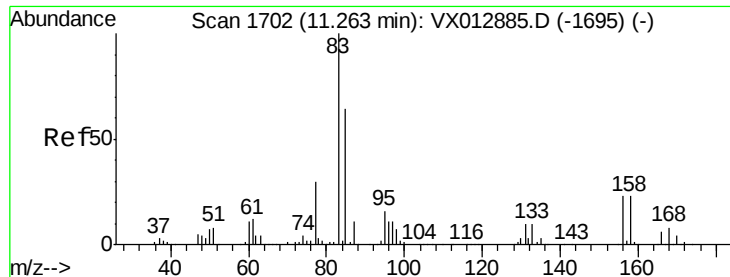
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 16.376 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

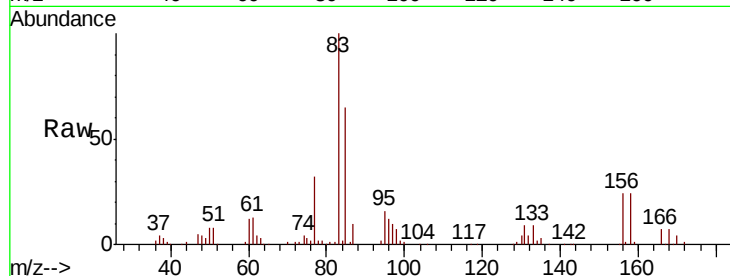
Tot Ion: 83 Resp: 64139

Ion Ratio Lower Upper

83 100

131 10.3 5.1 15.3

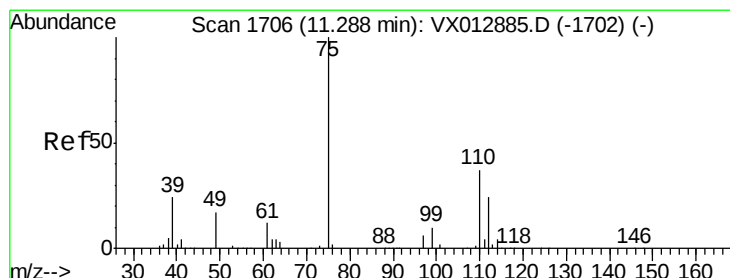
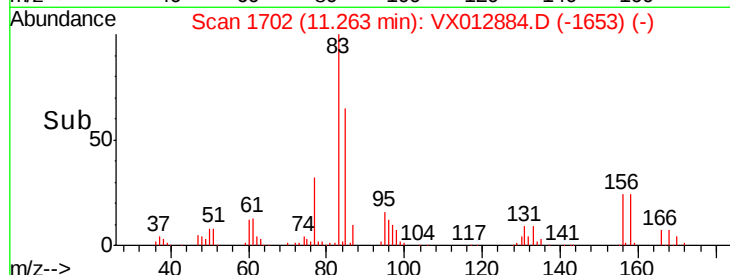
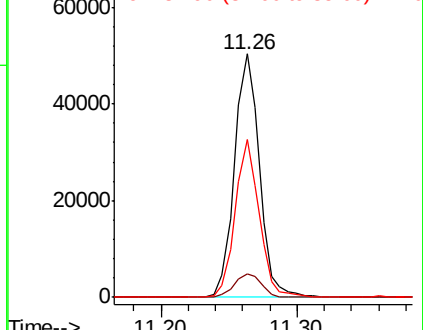
85 62.5 32.1 96.5



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: 19.548 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX012884.D

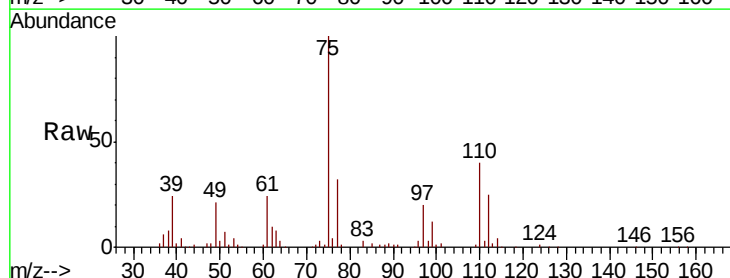
Acq: 08 Oct 2019 11:50

Tgt Ion: 75 Resp: 72991

Ion Ratio Lower Upper

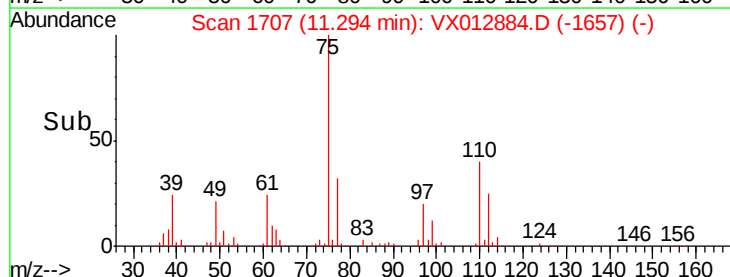
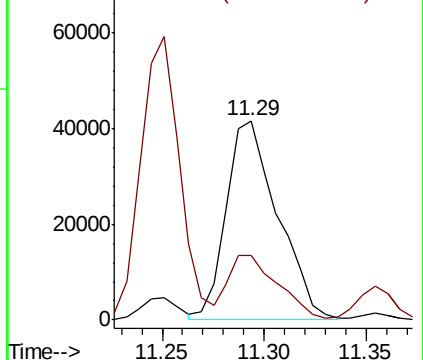
75 100

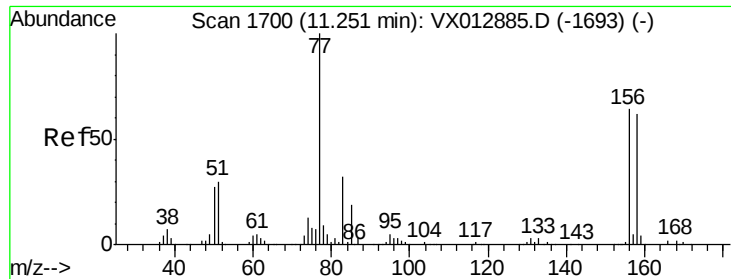
77 31.5 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 16.409 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

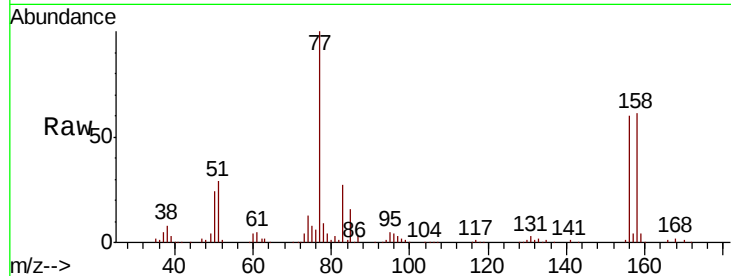
Tot Ion:156 Resp: 44339

Ion Ratio Lower Upper

156 100

77 176.5 83.7 251.0

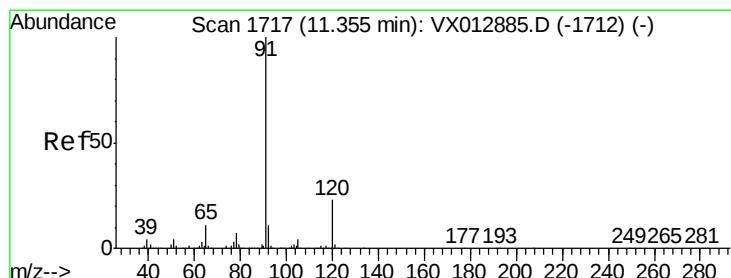
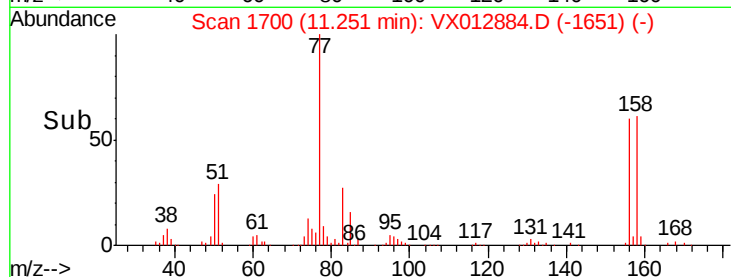
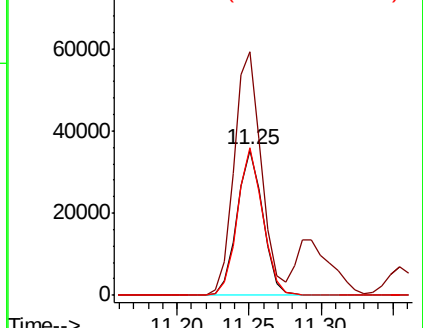
158 99.4 48.6 145.9



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: 16.010 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VX012884.D

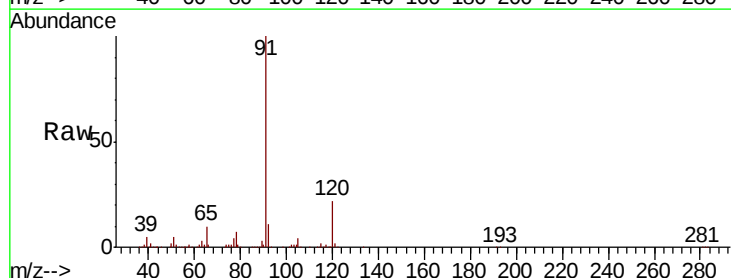
Acq: 08 Oct 2019 11:50

Tgt Ion: 91 Resp: 213295

Ion Ratio Lower Upper

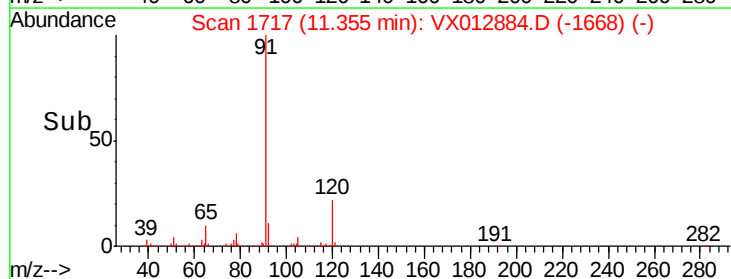
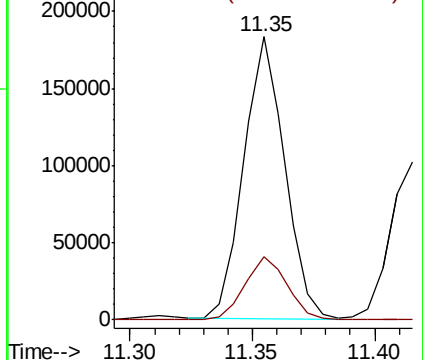
91 100

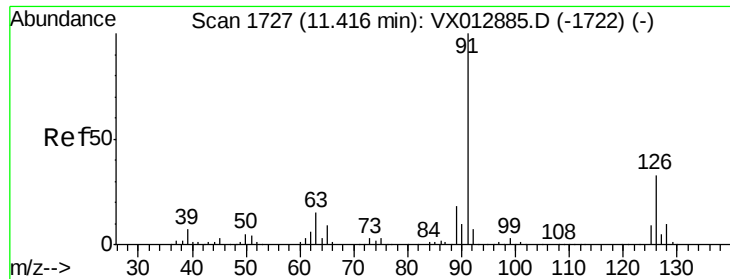
120 23.3 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

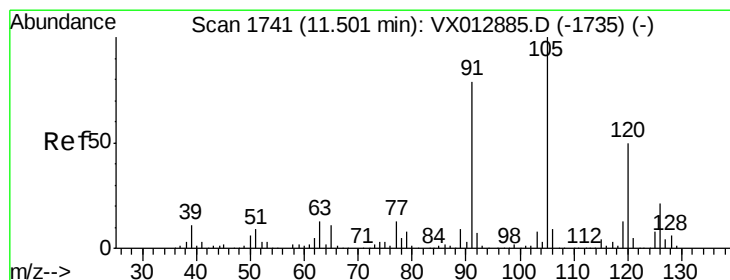
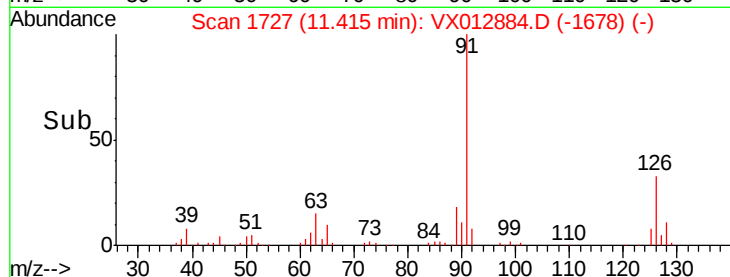
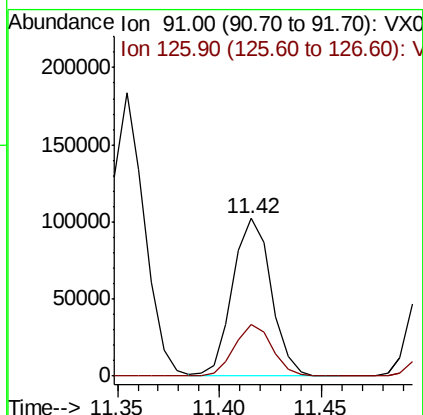
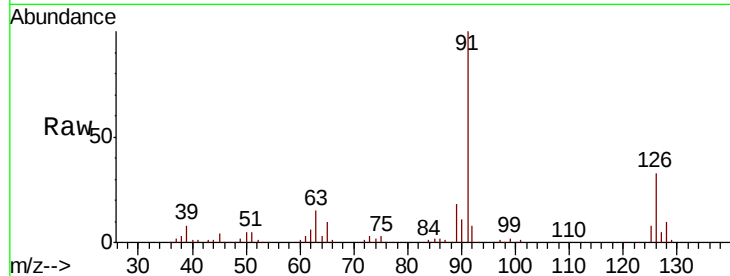




#79
 2-Chlorotoluene
 Concen: 16.008 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

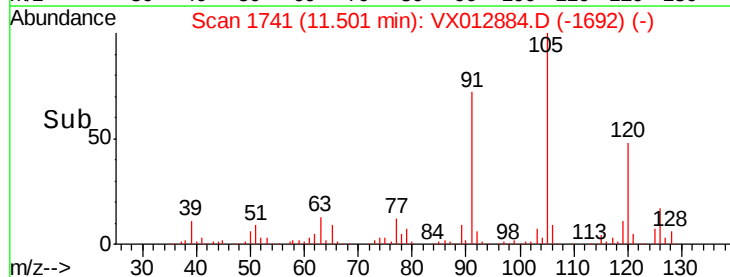
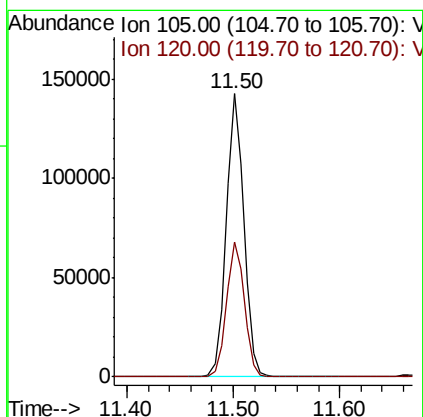
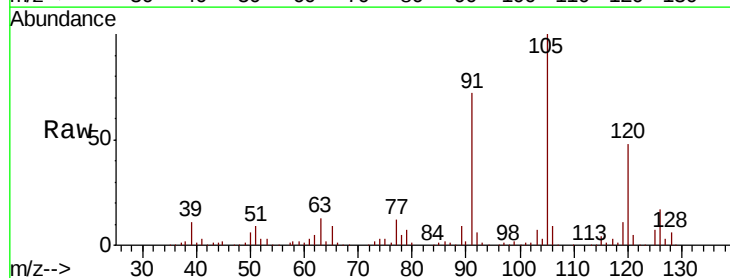
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

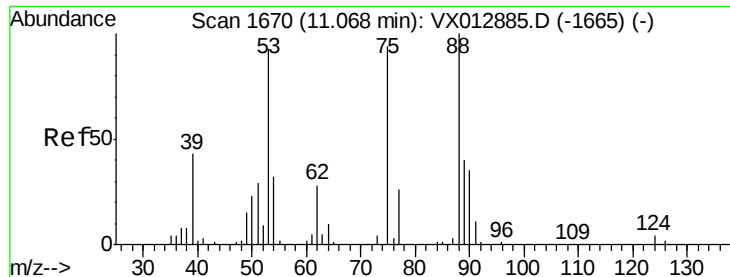
Tot Ion: 91 Resp: 133338
 Ion Ratio Lower Upper
 91 100
 126 32.4 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 16.594 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 105 Resp: 165425
 Ion Ratio Lower Upper
 105 100
 120 48.8 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 14.378 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampled :

VSTDIC020

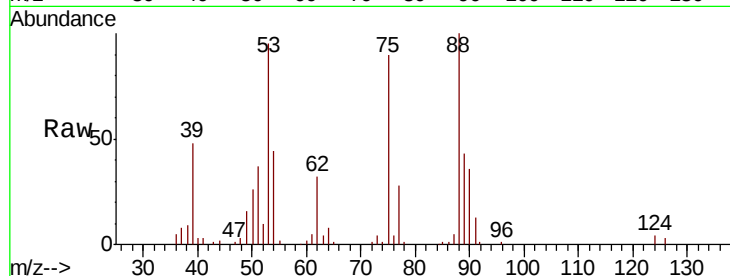
Tot Ion: 75 Resp: 19062

Ion Ratio Lower Upper

75 100

53 100.3 78.5 117.7

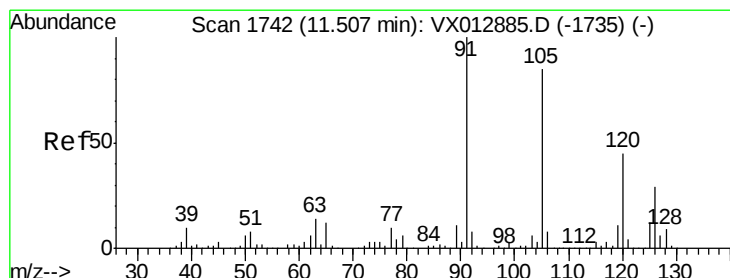
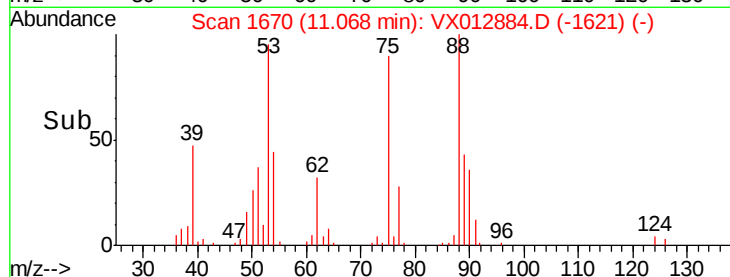
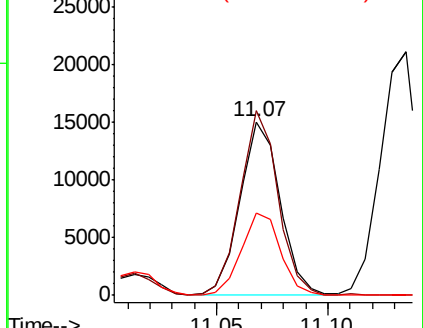
89 46.5 37.4 56.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 16.441 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX012884.D

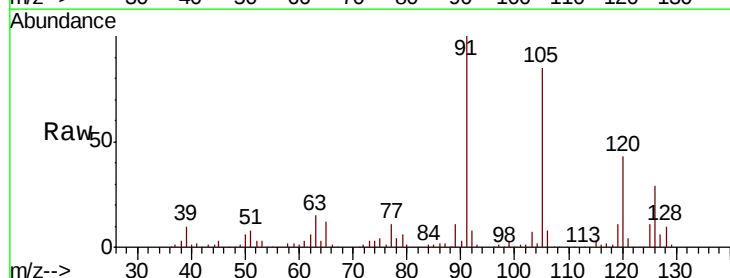
Acq: 08 Oct 2019 11:50

Tgt Ion: 91 Resp: 156221

Ion Ratio Lower Upper

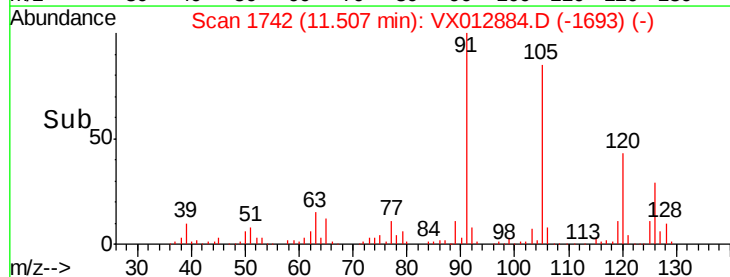
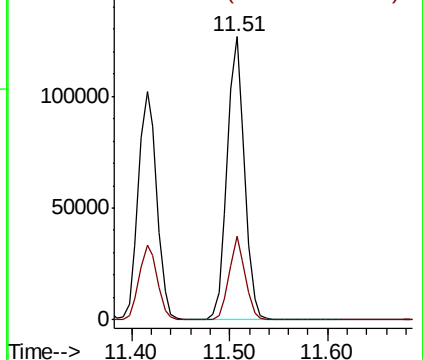
91 100

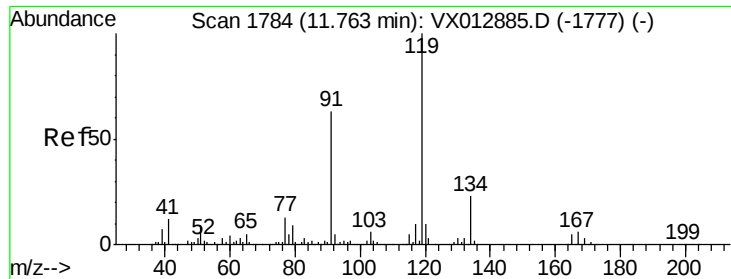
126 27.2 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 16.435 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX012884.D

Acq: 08 Oct 2019 11:50

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC020

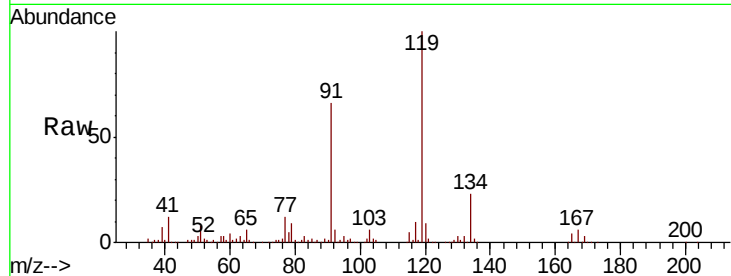
Tot Ion:119 Resp: 158694

Ion Ratio Lower Upper

119 100

91 59.9 29.3 87.9

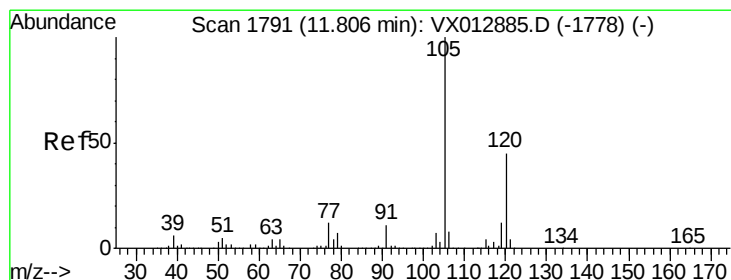
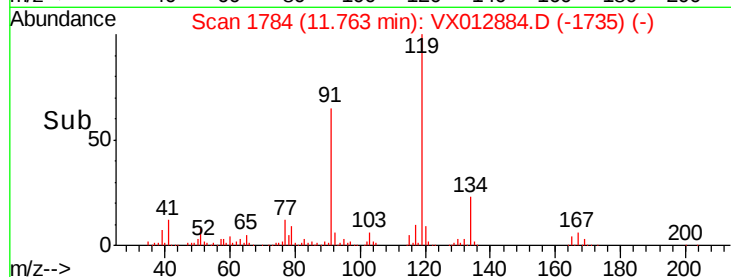
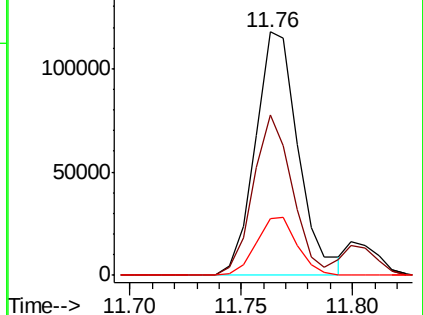
134 22.8 11.5 34.4



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: 16.602 ug/l

RT: 11.81 min Scan# 1791

Delta R.T. -0.00 min

Lab File: VX012884.D

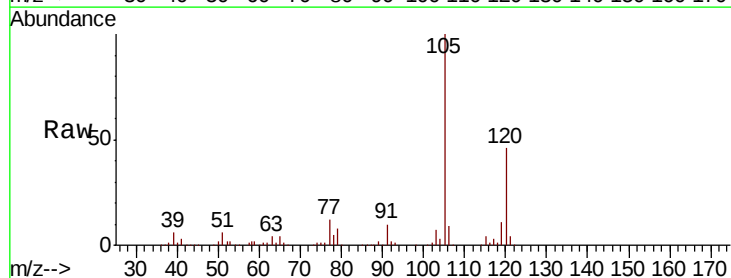
Acq: 08 Oct 2019 11:50

Tgt Ion:105 Resp: 167295

Ion Ratio Lower Upper

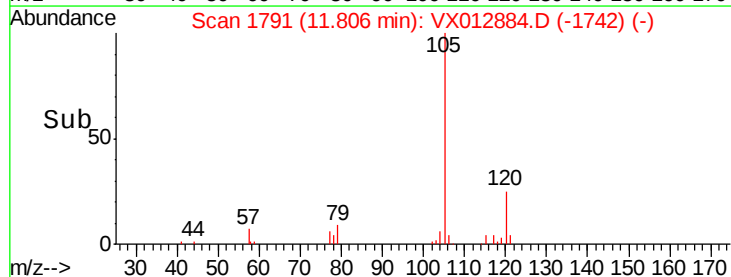
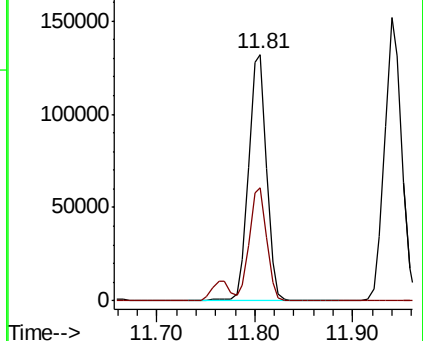
105 100

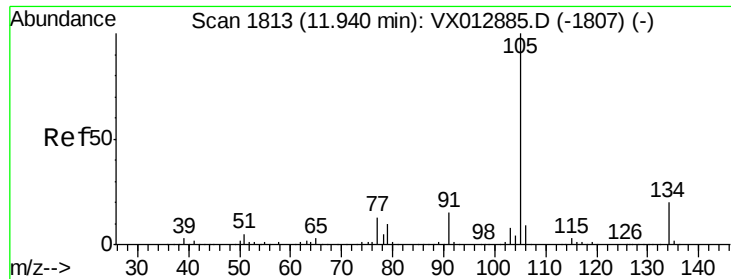
120 44.4 21.8 65.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

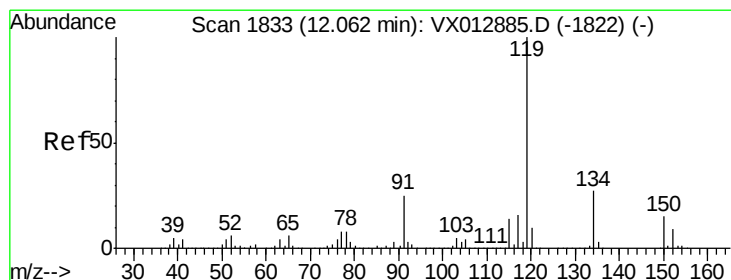
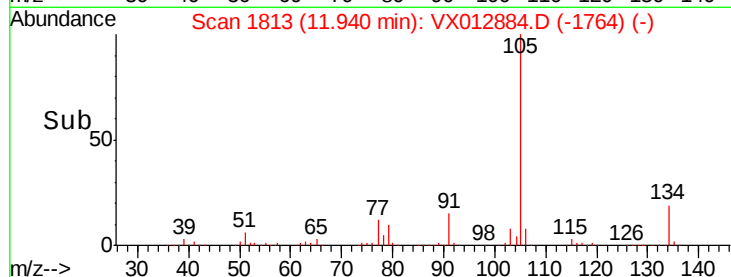
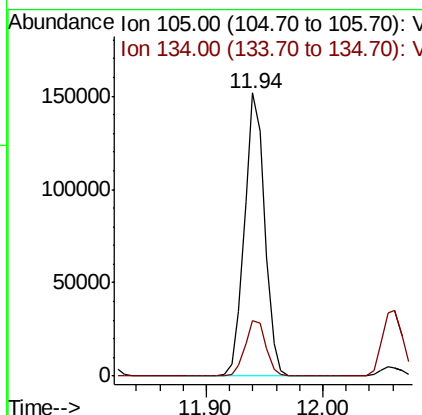
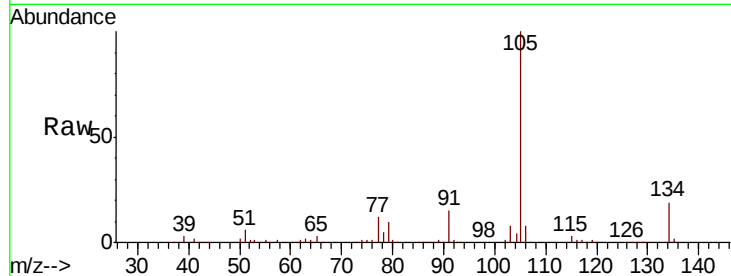




#85
 sec-Butylbenzene
 Concen: 16.456 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

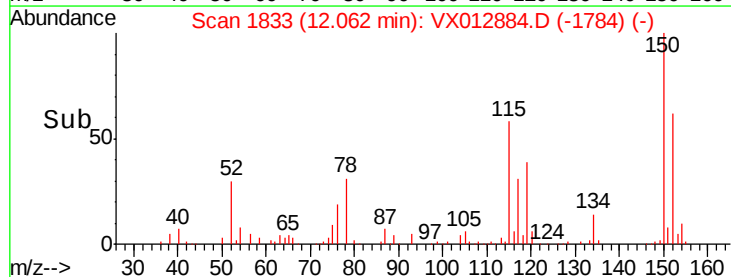
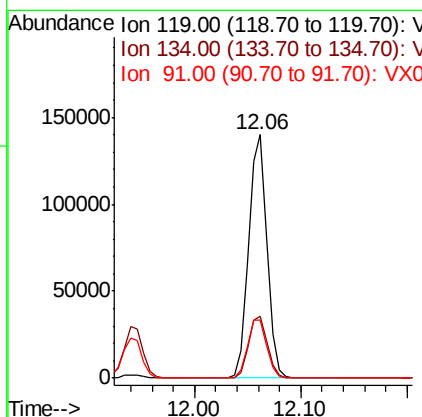
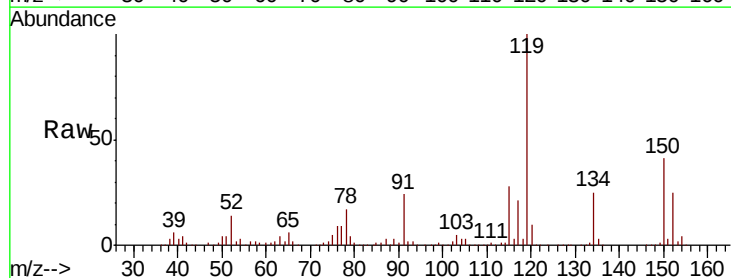
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:105 Resp: 184690
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 16.705 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion:119 Resp: 169030
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.6 37.8
 91 25.2 12.4 37.4

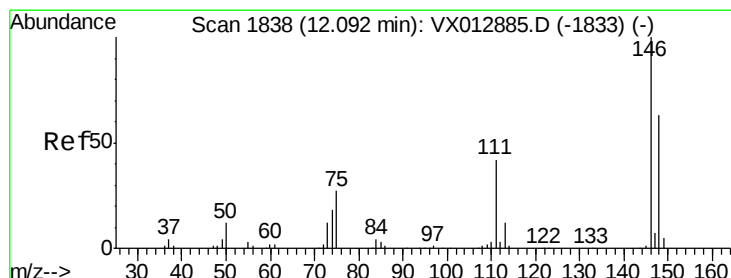
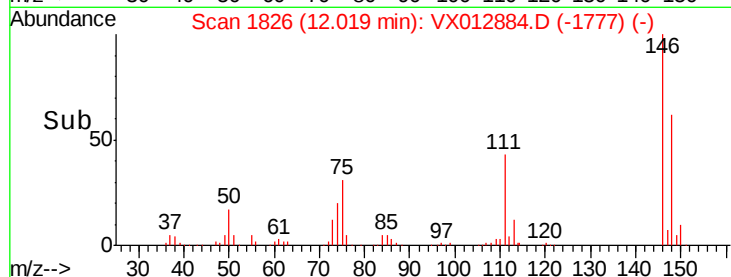
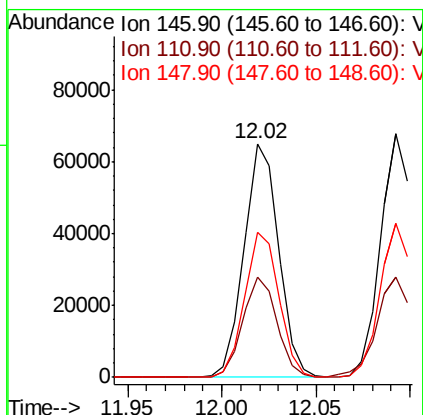
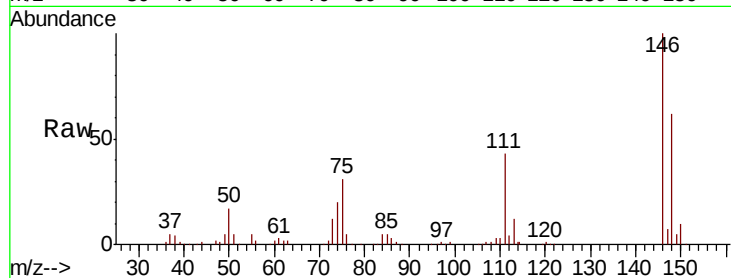




#87
 1,3-Dichlorobenzene
 Concen: 16.996 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

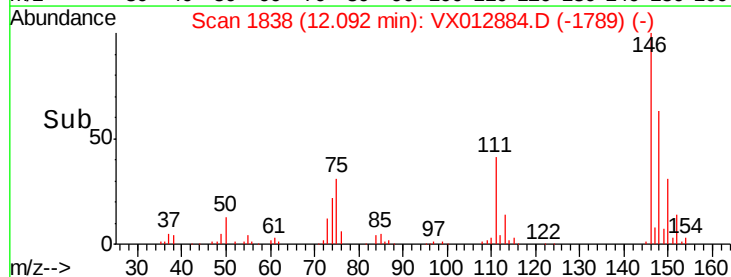
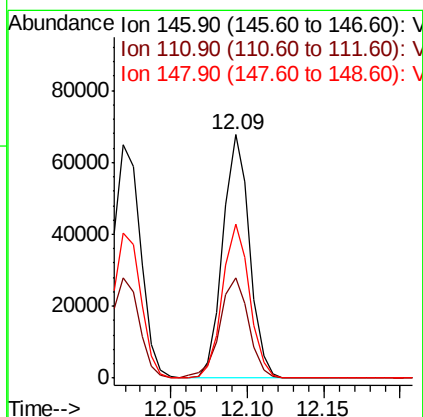
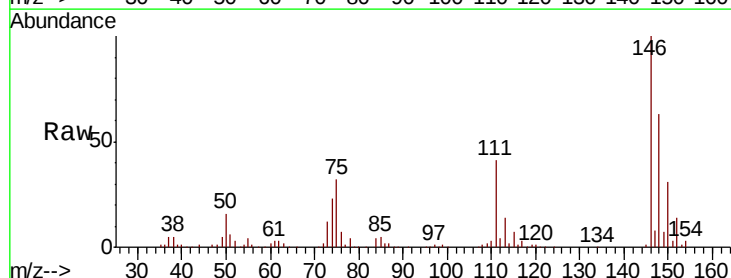
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

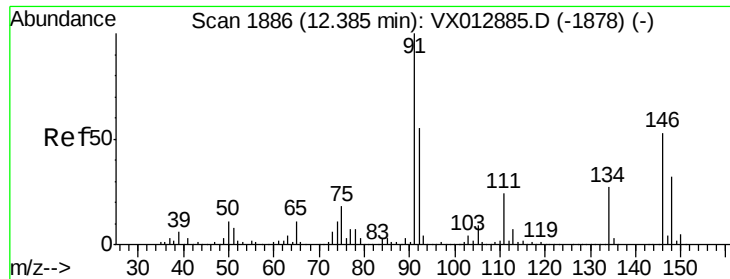
Tot Ion:146 Resp: 82954
 Ion Ratio Lower Upper
 146 100
 111 42.4 21.1 63.4
 148 61.5 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 16.627 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion:146 Resp: 81687
 Ion Ratio Lower Upper
 146 100
 111 44.6 21.4 64.3
 148 64.6 32.1 96.5

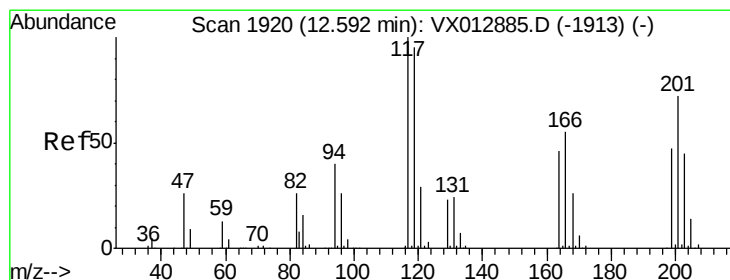
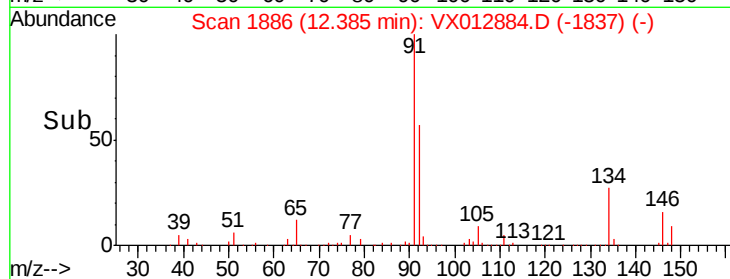
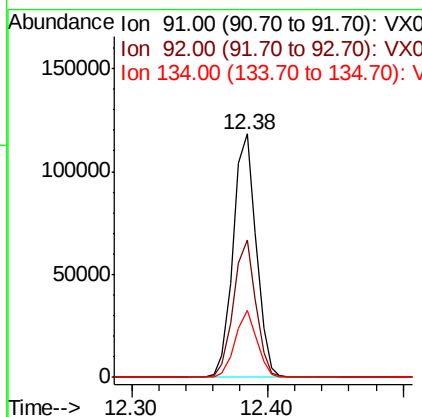
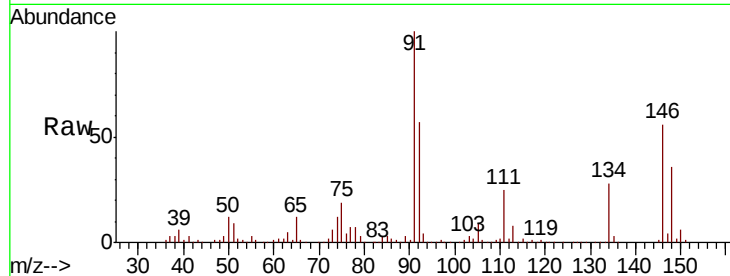




#89
n-Butylbenzene
Concen: 15.717 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

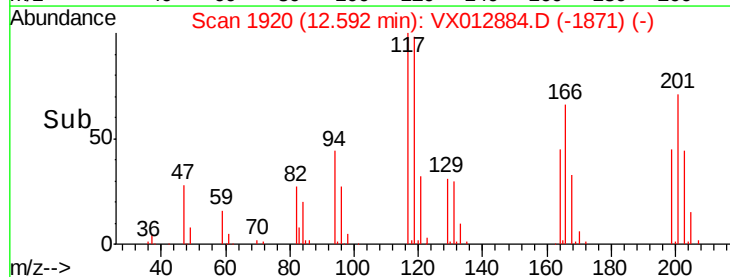
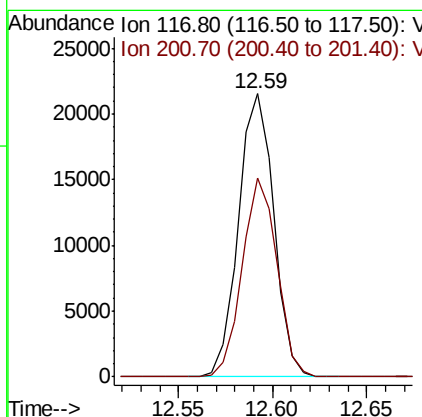
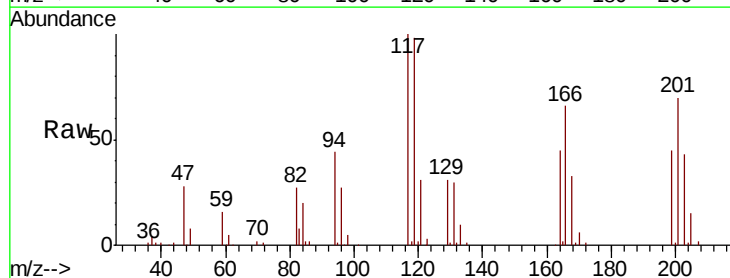
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

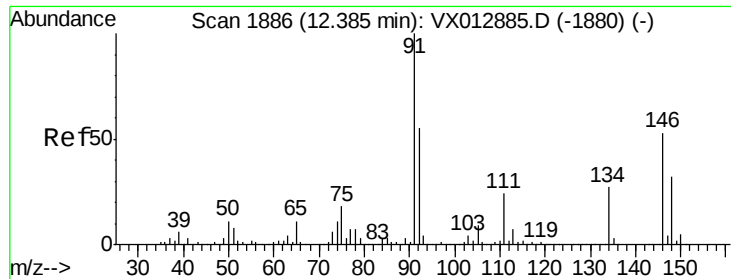
Tot Ion: 91 Resp: 139539
Ion Ratio Lower Upper
91 100
92 54.8 27.5 82.5
134 26.0 12.9 38.7



#90
Hexachloroethane
Concen: 15.608 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion: 117 Resp: 27991
Ion Ratio Lower Upper
117 100
201 69.2 36.9 110.7

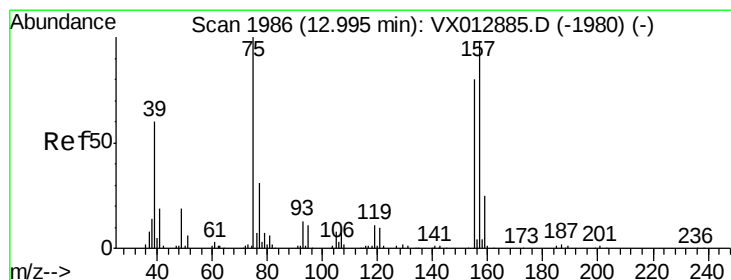
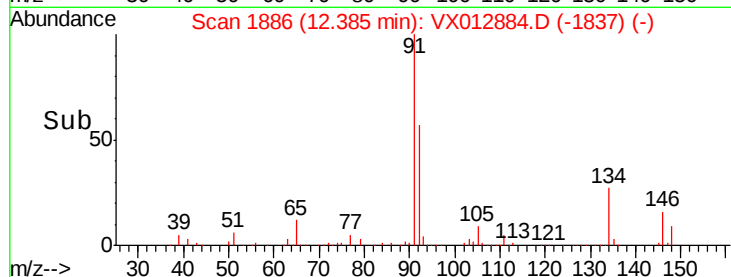
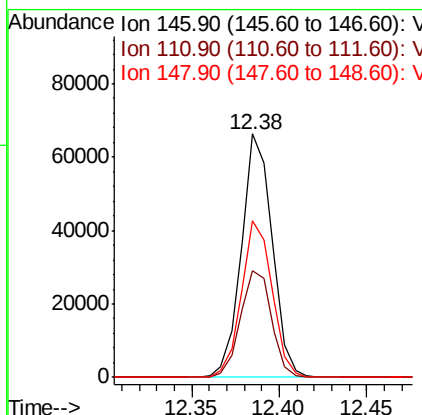
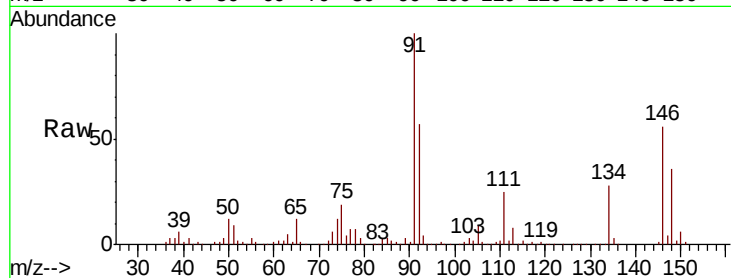




#91
 1,2-Dichlorobenzene
 Concen: 16.645 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

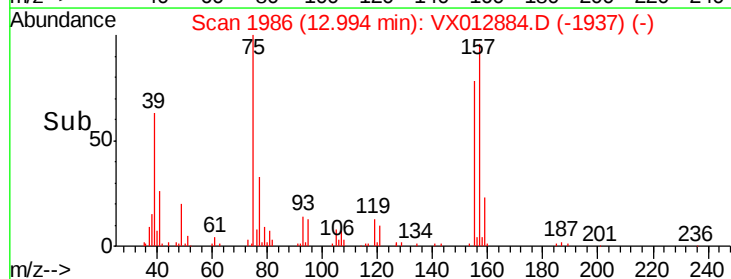
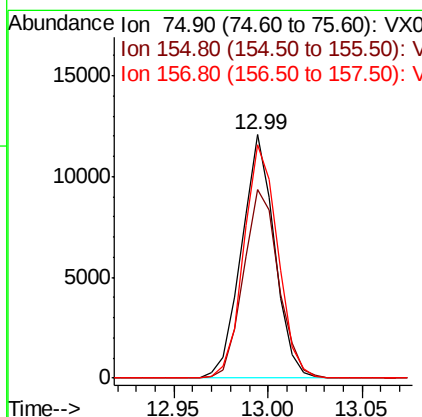
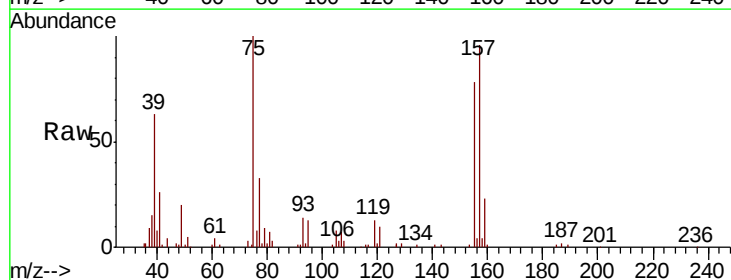
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

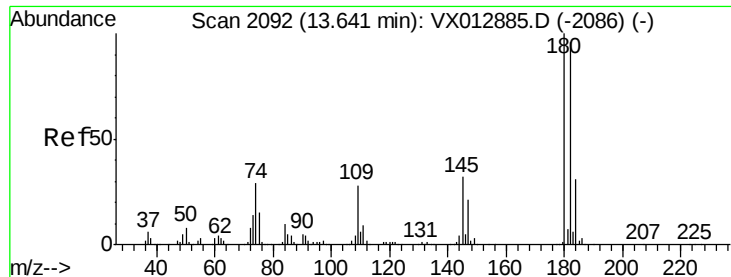
Tot Ion:146 Resp: 80978
 Ion Ratio Lower Upper
 146 100
 111 44.4 22.7 68.0
 148 64.5 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.064 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion: 75 Resp: 14638
 Ion Ratio Lower Upper
 75 100
 155 82.8 43.0 128.8
 157 99.2 54.1 162.3

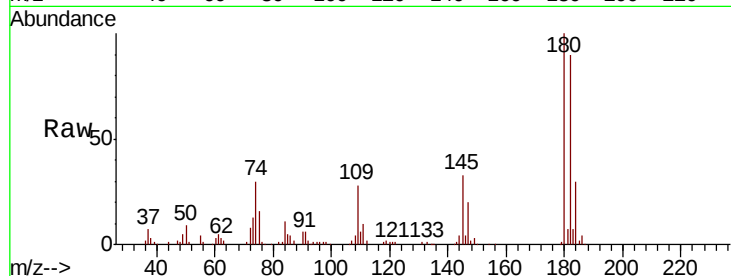




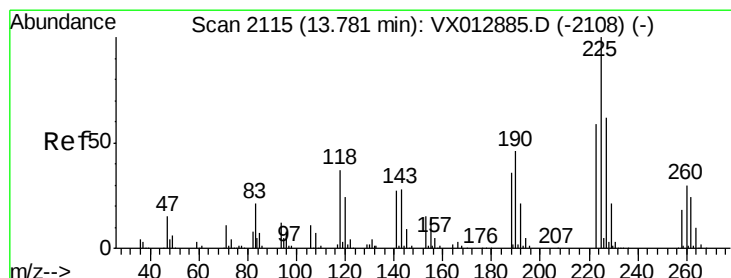
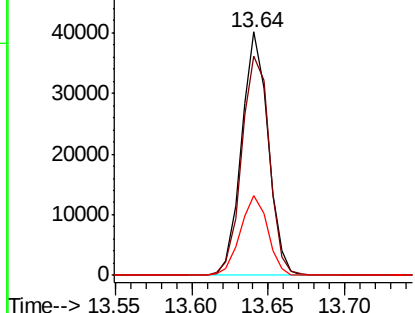
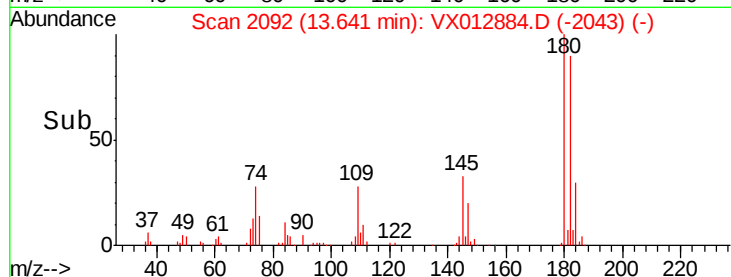
#93
 1,2,4-Trichlorobenzene
 Concen: 16.171 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC020

Tot Ion:180 Resp: 48317
 Ion Ratio Lower Upper
 180 100
 182 94.0 46.8 140.4
 145 33.7 16.2 48.6

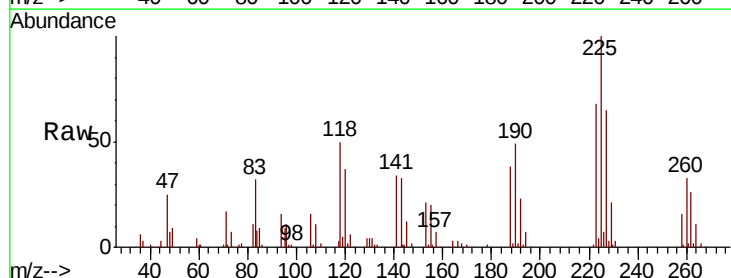


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

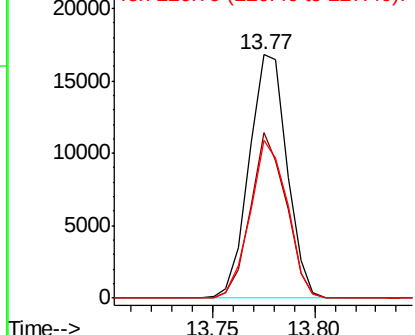
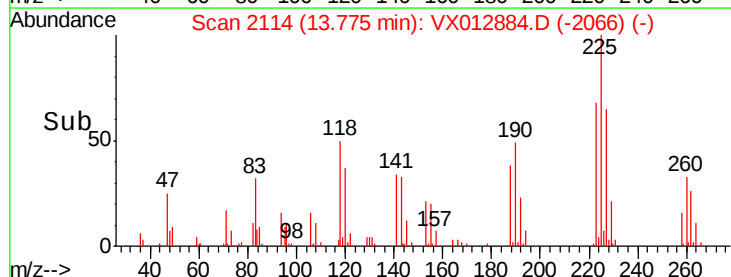


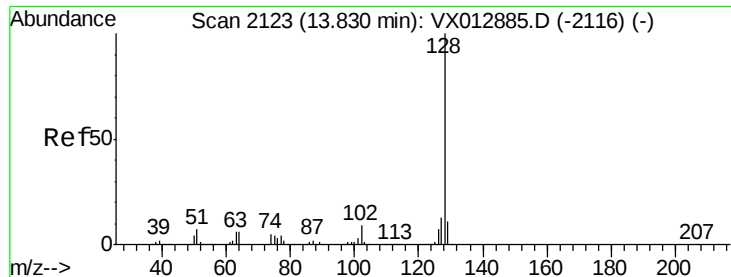
#94
 Hexachlorobutadiene
 Concen: 16.778 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012884.D
 Acq: 08 Oct 2019 11:50

Tgt Ion:225 Resp: 21759
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.1 93.2
 227 63.4 32.3 96.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

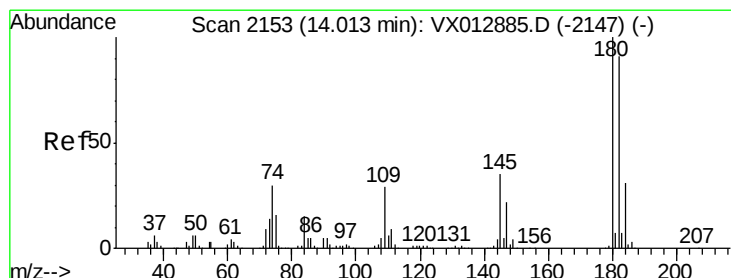
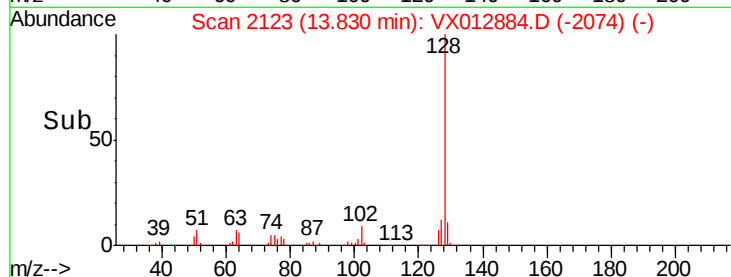
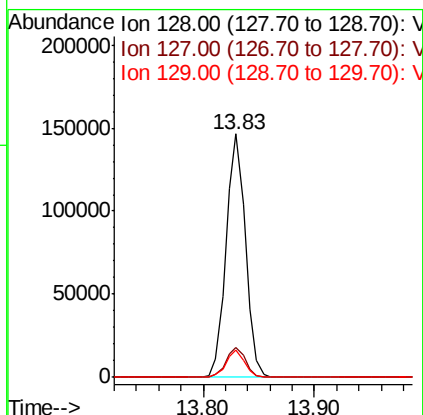
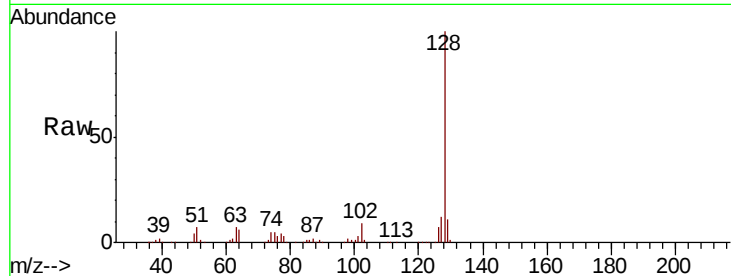




#95
Naphthalene
Concen: 16.442 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC020

Tot Ion:128 Resp: 175959
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.4
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.081 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX012884.D
Acq: 08 Oct 2019 11:50

Tgt Ion:180 Resp: 51015
Ion Ratio Lower Upper
180 100
182 93.6 47.5 142.5
145 33.9 17.4 52.3

