

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
 Data File : VX012885.D
 Acq On : 08 Oct 2019 12:14
 Operator : JC/SP
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Quant Time: Oct 09 01:21:34 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	188262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	318233	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285444	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132793	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	120390	44.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.30%	
35) Dibromofluoromethane	5.49	113	94284	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.71	98	362922	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
62) 4-Bromofluorobenzene	11.14	95	141308	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	103287	48.461	ug/l 100
3) Chloromethane	1.32	50	107025	44.469	ug/l 100
4) Vinyl Chloride	1.40	62	110355	45.958	ug/l 100
5) Bromomethane	1.63	94	41967	44.100	ug/l 100
6) Chloroethane	1.71	64	67286	41.900	ug/l 100
7) Trichlorofluoromethane	1.92	101	151029	44.885	ug/l 100
8) Diethyl Ether	2.18	74	60215	43.855	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	97014	47.076	ug/l 100
10) Methyl Iodide	2.50	142	103583	52.899	ug/l 100
11) Tert butyl alcohol	3.04	59	153460	227.874	ug/l 100
12) 1,1-Dichloroethene	2.36	96	98642	48.904	ug/l 100
13) Acrolein	2.28	56	113304	305.126	ug/l 100
14) Allyl chloride	2.72	41	178753	45.169	ug/l 100
15) Acrylonitrile	3.14	53	312813	228.319	ug/l 100
16) Acetone	2.44	43	325062	227.566	ug/l 100
17) Carbon Disulfide	2.56	76	268927	47.473	ug/l 100
18) Methyl Acetate	2.76	43	148947	44.127	ug/l 100
19) Methyl tert-butyl Ether	3.19	73	346786	45.800	ug/l 100
20) Methylene Chloride	2.85	84	112591	46.006	ug/l 100
21) trans-1,2-Dichloroethene	3.16	96	104489	46.828	ug/l 100
22) Diisopropyl ether	3.85	45	342691	44.789	ug/l 100
23) Vinyl Acetate	3.81	43	1519884	227.268	ug/l 100
24) 1,1-Dichloroethane	3.69	63	190442	45.690	ug/l 100
25) 2-Butanone	4.66	43	454732	222.487	ug/l 100
26) 2,2-Dichloropropane	4.58	77	162531	44.065	ug/l 100
27) cis-1,2-Dichloroethene	4.59	96	121498	46.945	ug/l 100
28) Bromochloromethane	5.01	49	58872	39.818	ug/l 100
29) Tetrahydrofuran	5.12	42	284239	227.801	ug/l 100
30) Chloroform	5.20	83	191075	44.699	ug/l 100
31) Cyclohexane	5.57	56	175773	46.467	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	169199	44.897	ug/l 100
36) 1,1-Dichloropropene	5.79	75	147225	47.747	ug/l 100
37) Ethyl Acetate	4.82	43	167250	46.981	ug/l 100
38) Carbon Tetrachloride	5.78	117	146683	47.264	ug/l 100

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 ClientSampleId :
 VSTDICCC050

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182874	49.071	ug/l	100
40) Benzene	6.14	78	436449	48.236	ug/l	100
41) Methacrylonitrile	5.03	41	89705	45.090	ug/l	100
42) 1,2-Dichloroethane	6.18	62	157116	46.130	ug/l	100
43) Isopropyl Acetate	6.43	43	269057	45.293	ug/l	100
44) Trichloroethene	7.21	130	115043	49.385	ug/l	100
45) 1,2-Dichloropropane	7.51	63	111435	48.109	ug/l	100
46) Dibromomethane	7.65	93	74733	47.456	ug/l	100
47) Bromodichloromethane	7.89	83	149067	47.598	ug/l	100
48) Methyl methacrylate	7.76	41	131401	46.181	ug/l	100
49) 1,4-Dioxane	7.73	88	65804	1006.317	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	840185	229.102	ug/l	100
52) Toluene	8.78	92	274757	48.338	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	167927	48.416	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	184011	48.521	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	109136	48.304	ug/l	100
56) Ethyl methacrylate	9.17	69	184991	48.869	ug/l	100
57) 1,3-Dichloropropane	9.37	76	188140	47.611	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	418955	248.156	ug/l	100
59) 2-Hexanone	9.49	43	656818	234.467	ug/l	100
60) Dibromochloromethane	9.58	129	116237	50.774	ug/l	100
61) 1,2-Dibromoethane	9.67	107	115485	49.109	ug/l	100
64) Tetrachloroethene	9.33	164	103003	51.040	ug/l	100
65) Chlorobenzene	10.14	112	291634	48.394	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	107597	49.292	ug/l	100
67) Ethyl Benzene	10.25	91	536157	49.072	ug/l	100
68) m/p-Xylenes	10.35	106	400788	98.006	ug/l	100
69) o-Xylene	10.70	106	194785	49.152	ug/l	100
70) Styrene	10.71	104	338238	50.865	ug/l	100
71) Bromoform	10.85	173	80284	52.507	ug/l #	100
73) Isopropylbenzene	11.01	105	517837	47.847	ug/l	100
74) N-amyl acetate	10.89	43	230508	45.388	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	166740	46.791	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	196034	57.707	ug/l	79
77) Bromobenzene	11.25	156	119648	48.670	ug/l	100
78) n-propylbenzene	11.35	91	564173	46.545	ug/l	100
79) 2-Chlorotoluene	11.42	91	350906	46.304	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	436144	48.088	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	56041	46.462	ug/l	100
82) 4-Chlorotoluene	11.51	91	410182	47.447	ug/l	100
83) tert-Butylbenzene	11.76	119	425658	48.452	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	446670	48.720	ug/l	100
85) sec-Butylbenzene	11.94	105	502033	49.165	ug/l	100
86) p-Isopropyltoluene	12.06	119	458488	49.803	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	222219	50.044	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	218742	48.938	ug/l	100
89) n-Butylbenzene	12.39	91	391676	48.489	ug/l	100
90) Hexachloroethane	12.59	117	78137	47.889	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	217943	49.240	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42500	48.073	ug/l	100

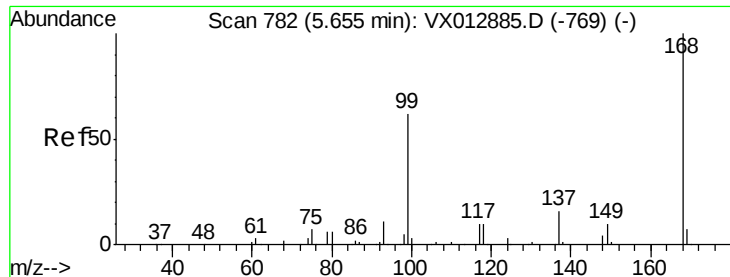
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	140665	51.747	ug/l	100
94) Hexachlorobutadiene	13.78	225	62674	53.117	ug/l	100
95) Naphthalene	13.83	128	502925	51.654	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	141710	52.153	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

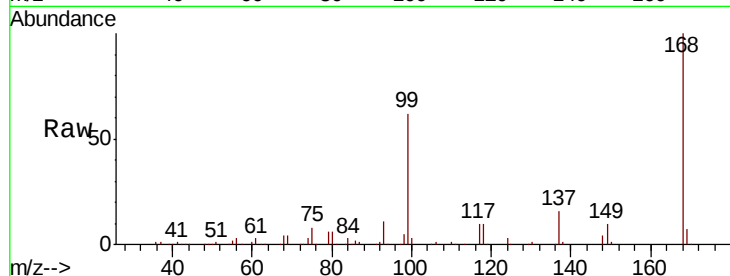
VSTDICCC050

Tot Ion:168 Resp: 188262

Ion Ratio Lower Upper

168 100

99 61.7 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

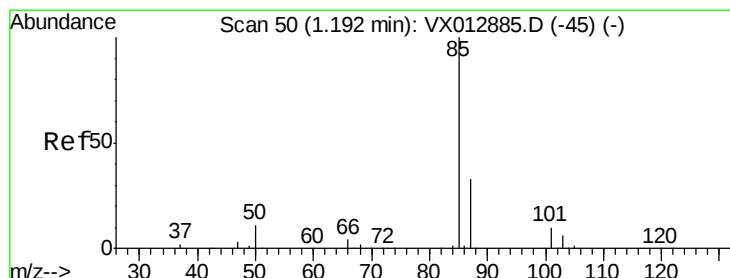
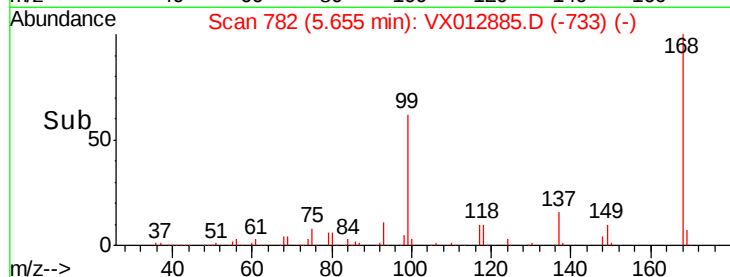
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.461 ug/l

RT: 1.19 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX012885.D

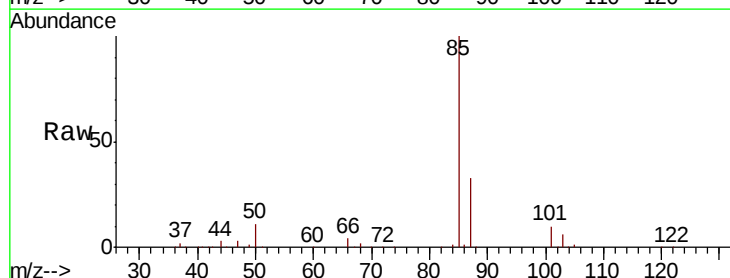
Acq: 08 Oct 2019 12:14

Tgt Ion: 85 Resp: 103287

Ion Ratio Lower Upper

85 100

87 32.9 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

100000

80000

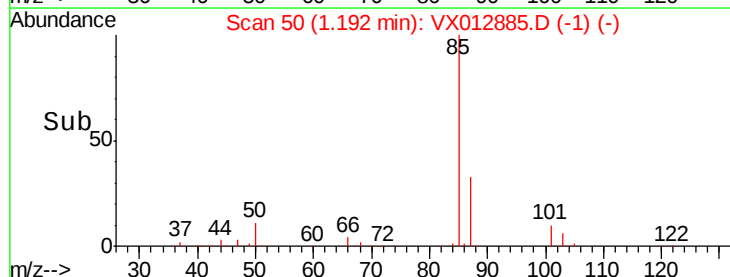
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30

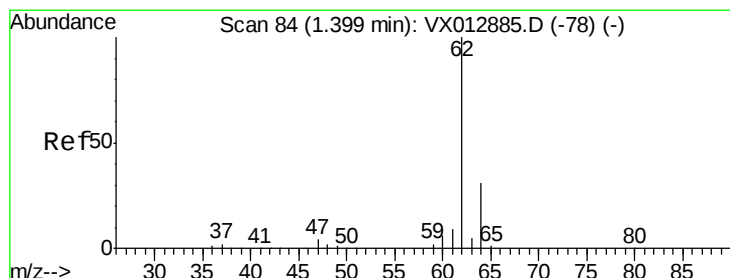
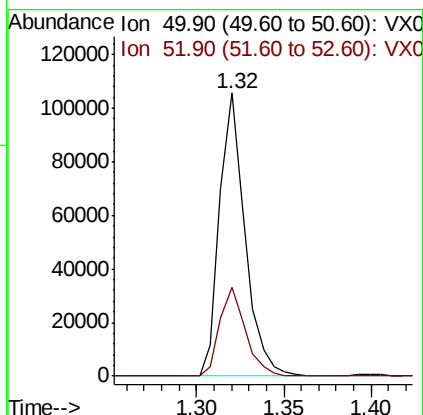
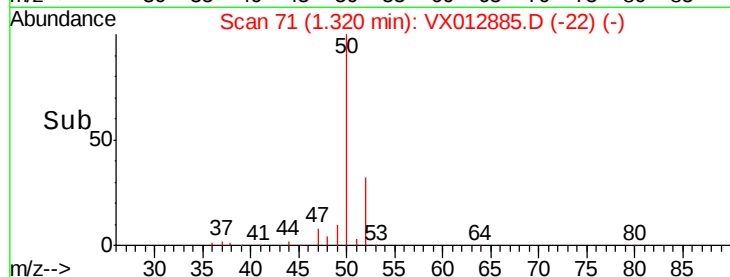
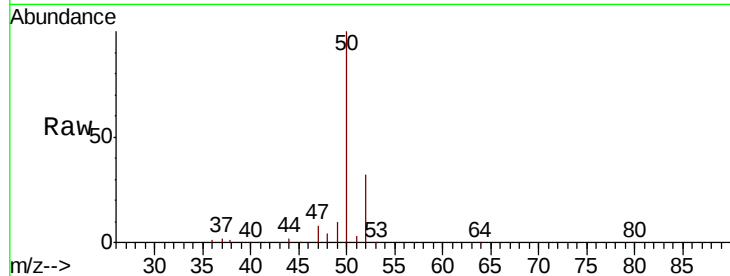




#3
Chloromethane
Concen: 44.469 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

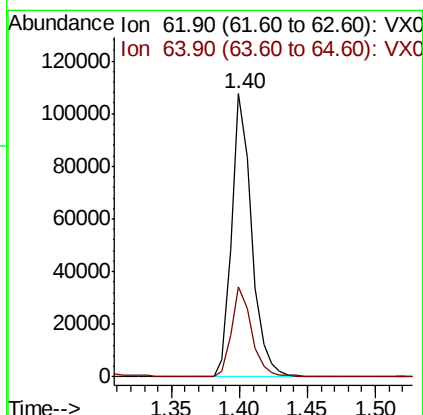
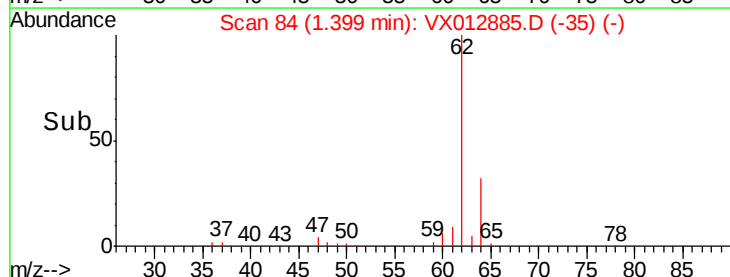
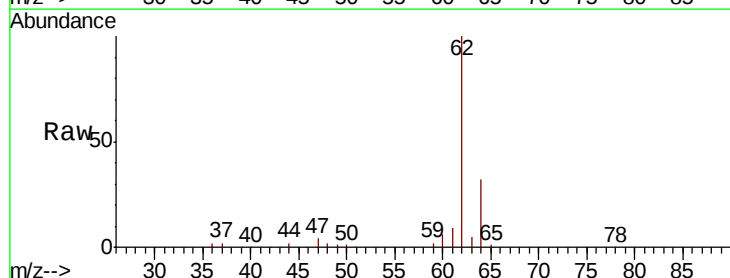
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

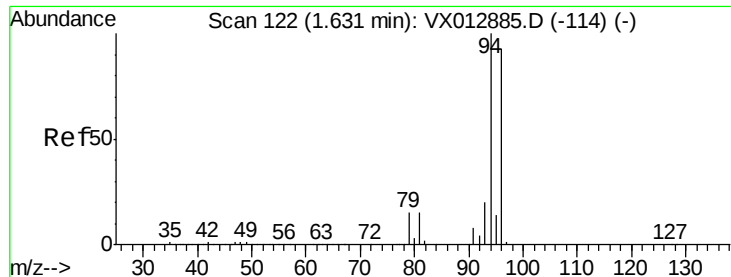
Tot Ion: 50 Resp: 107025
Ion Ratio Lower Upper
50 100
52 31.5 25.2 37.8



#4
Vinyl Chloride
Concen: 45.958 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 62 Resp: 110355
Ion Ratio Lower Upper
62 100
64 31.6 25.3 37.9





#5

Bromomethane

Concen: 44.100 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

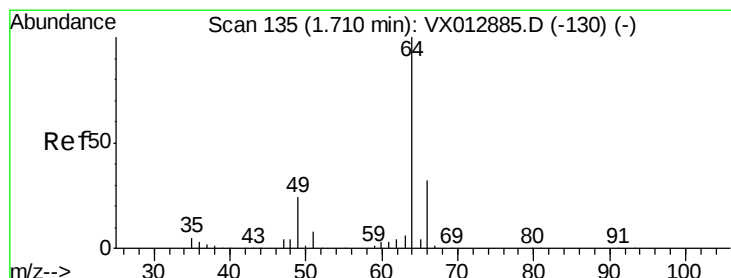
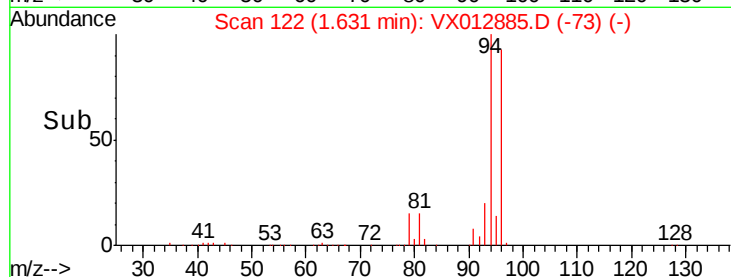
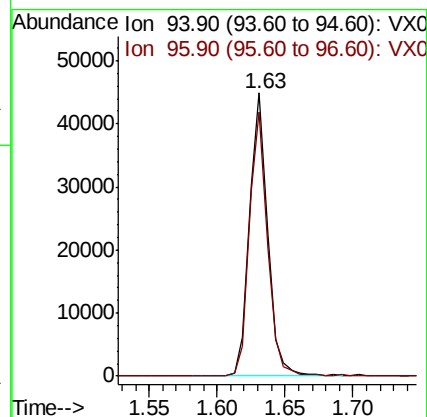
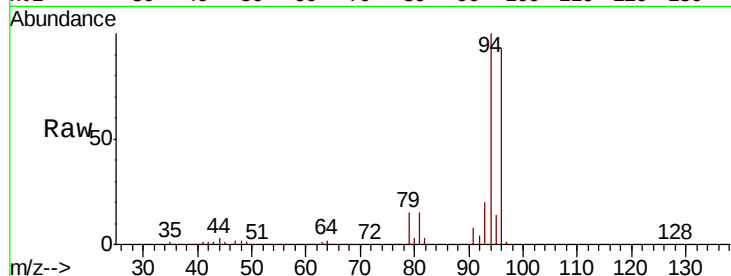
VSTDICCC050

Tot Ion: 94 Resp: 41967

Ion Ratio Lower Upper

94 100

96 93.4 74.7 112.1



#6

Chloroethane

Concen: 41.900 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX012885.D

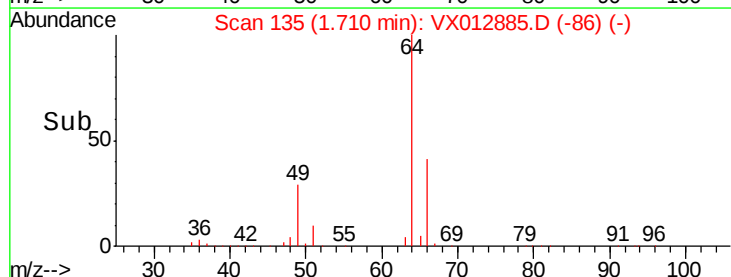
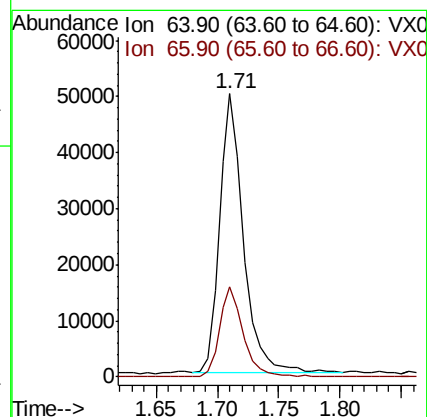
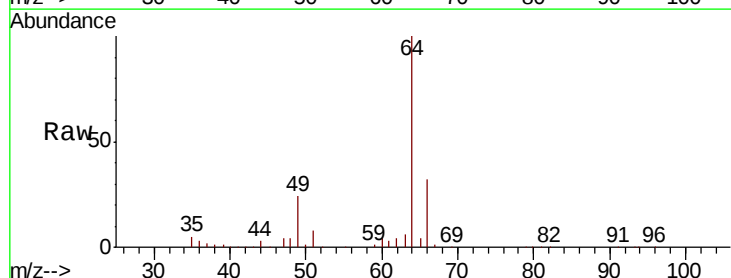
Acq: 08 Oct 2019 12:14

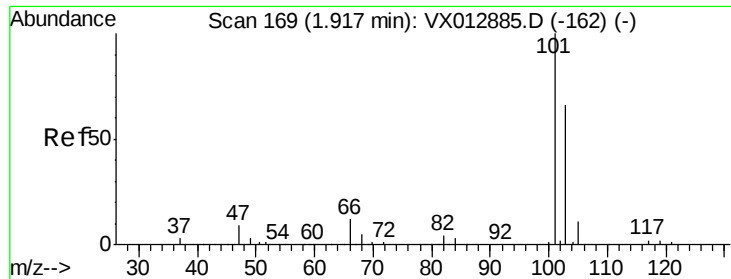
Tgt Ion: 64 Resp: 67286

Ion Ratio Lower Upper

64 100

66 32.0 25.6 38.4



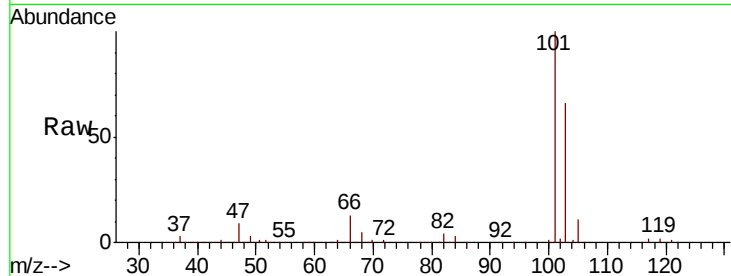


#7

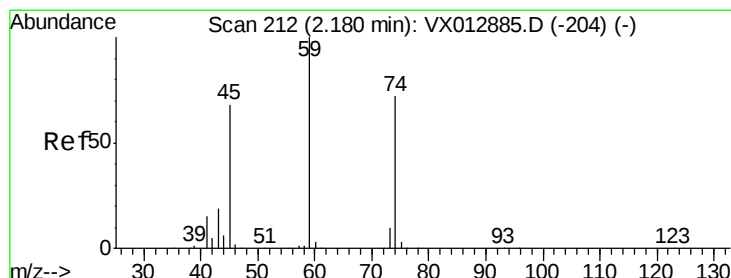
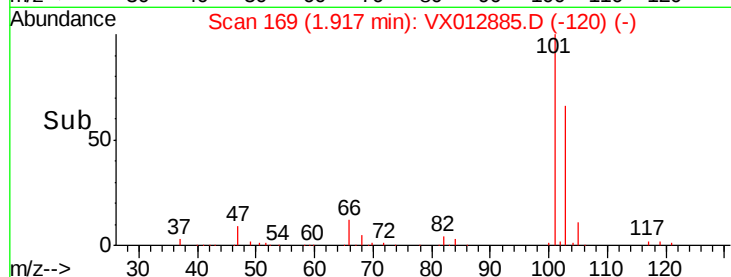
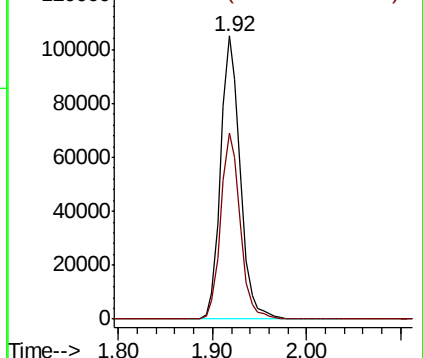
Trichlorofluoromethane
 Concen: 44.885 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:101 Resp: 151029
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.5 78.7



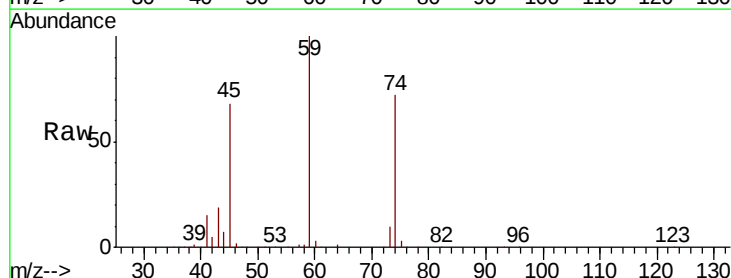
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



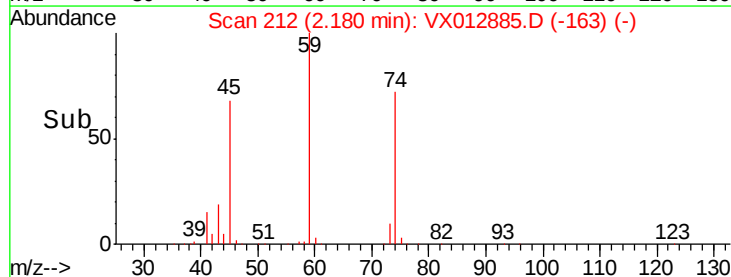
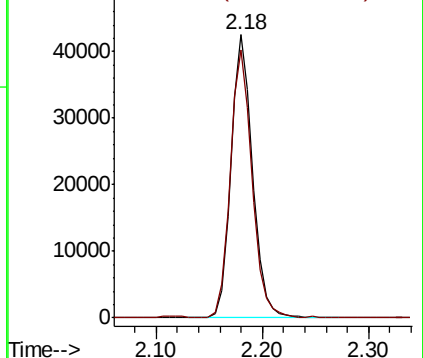
#8

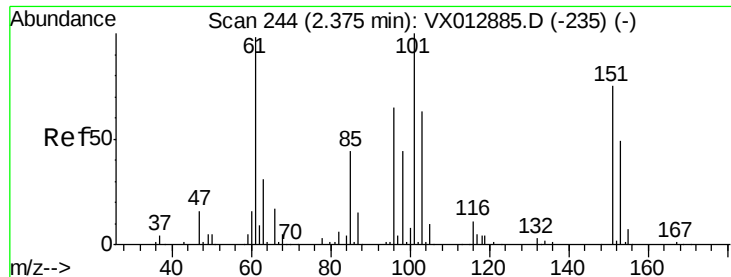
Diethyl Ether
 Concen: 43.855 ug/l
 RT: 2.18 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 74 Resp: 60215
 Ion Ratio Lower Upper
 74 100
 45 95.6 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
 Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.076 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

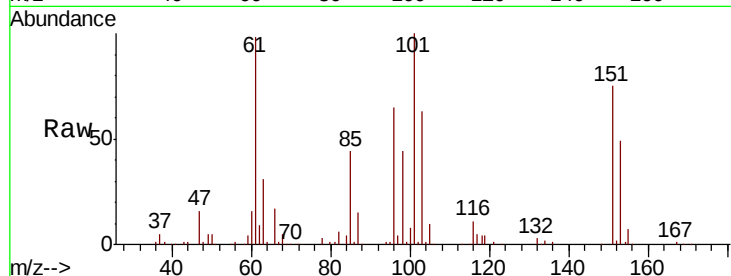
Tot Ion:101 Resp: 97014

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

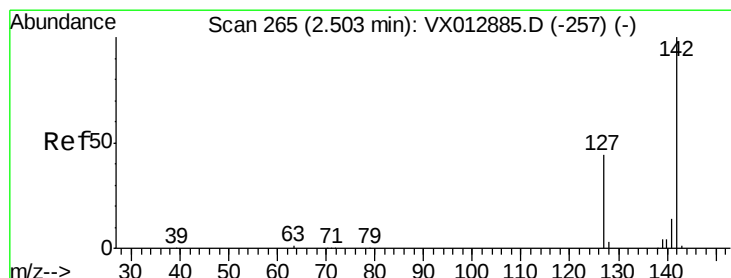
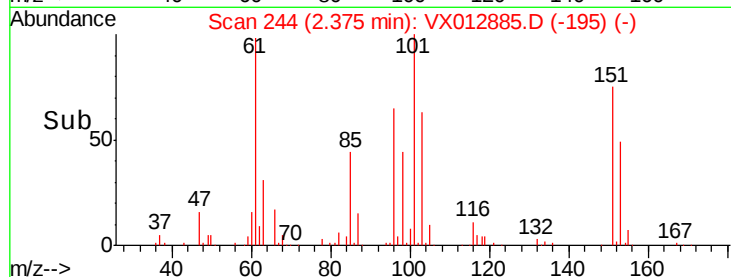
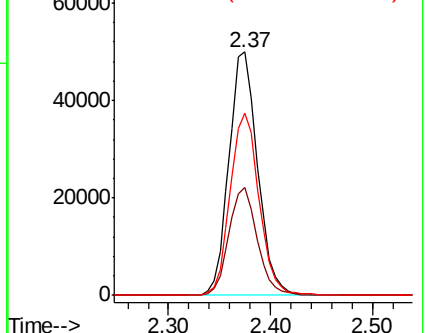
151 75.4 60.3 90.5



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: 52.899 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

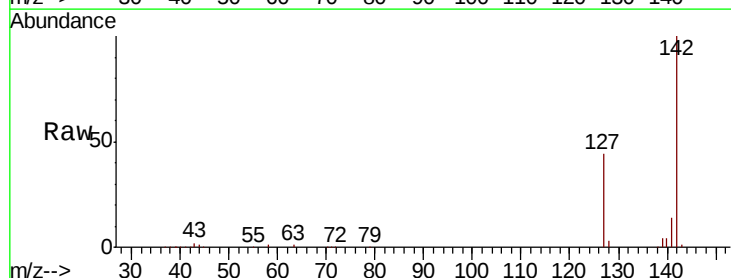
Tgt Ion:142 Resp: 103583

Ion Ratio Lower Upper

142 100

127 43.6 34.9 52.3

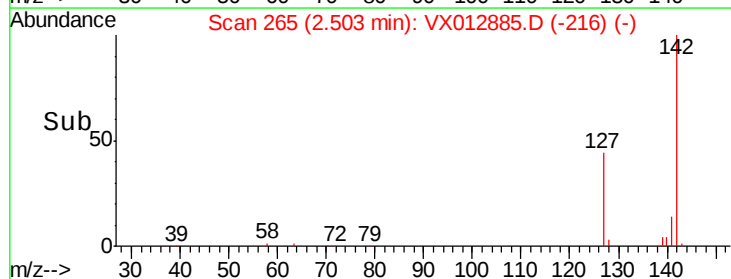
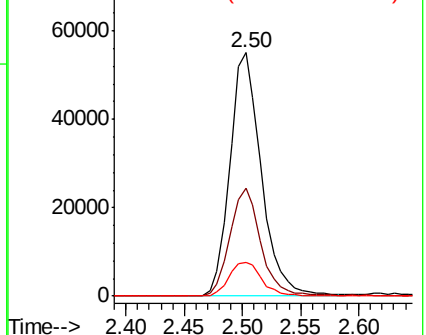
141 14.5 11.6 17.4

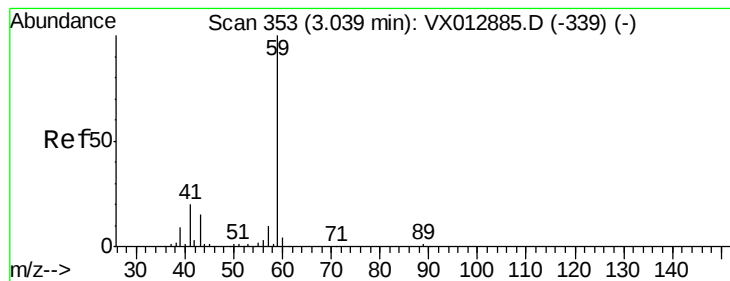


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



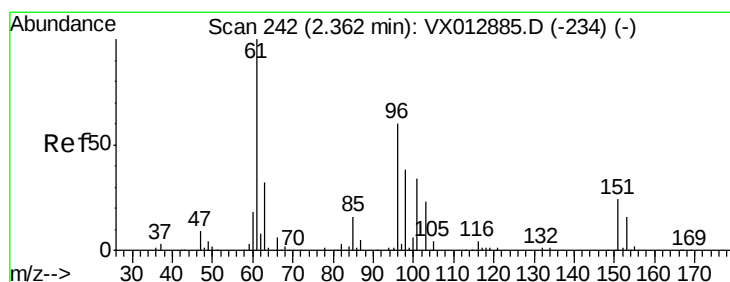
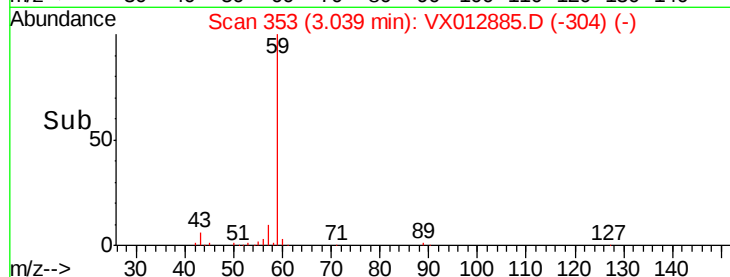
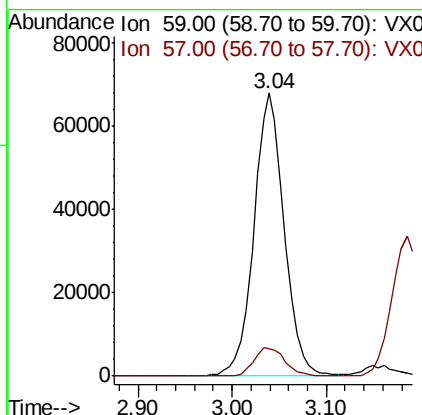
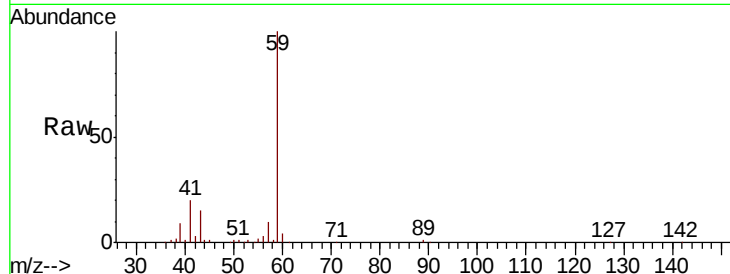


#11

Tert butyl alcohol
 Concen: 227.874 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

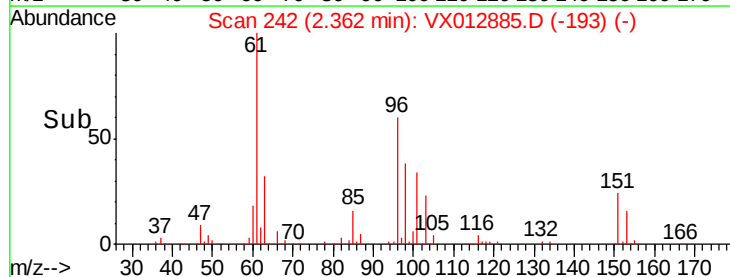
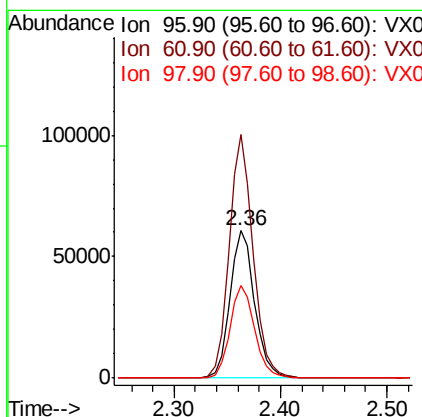
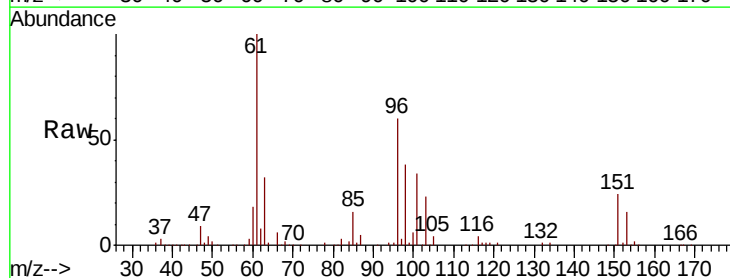
Tot Ion: 59 Resp: 153460
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.3 12.5

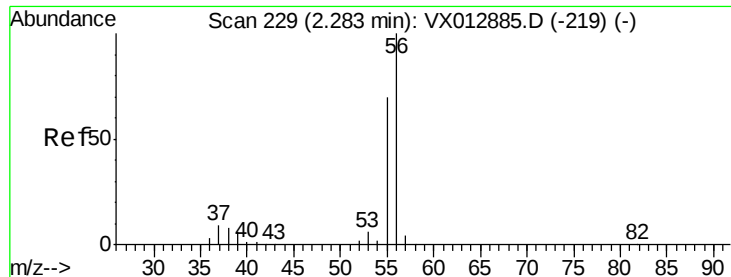


#12

1,1-Dichloroethene
 Concen: 48.904 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 96 Resp: 98642
 Ion Ratio Lower Upper
 96 100
 61 165.3 132.2 198.4
 98 63.1 50.5 75.7

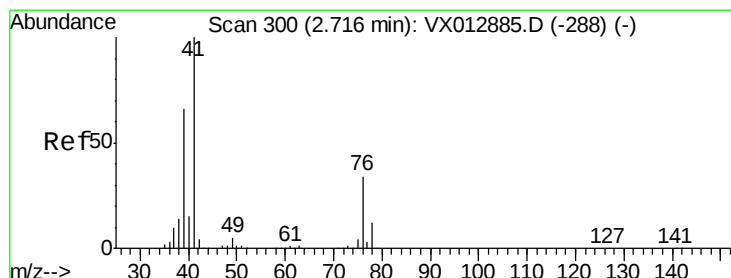
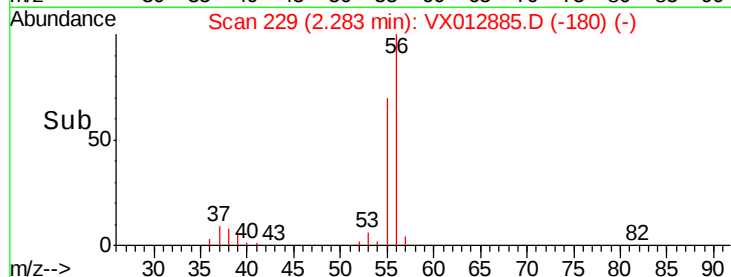
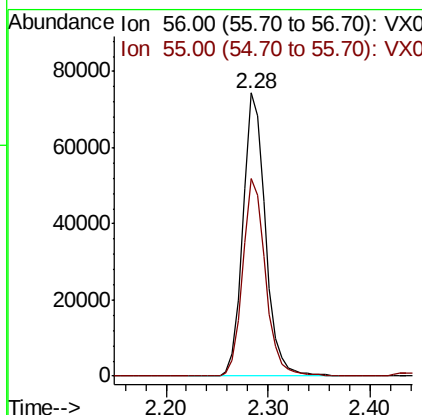
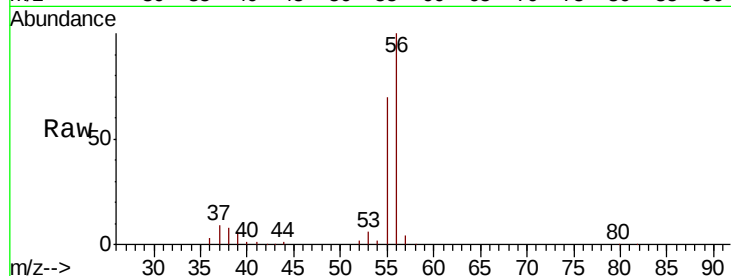




#13
 Acrolein
 Concen: 305.126 ug/l
 RT: 2.28 min Scan# 229
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

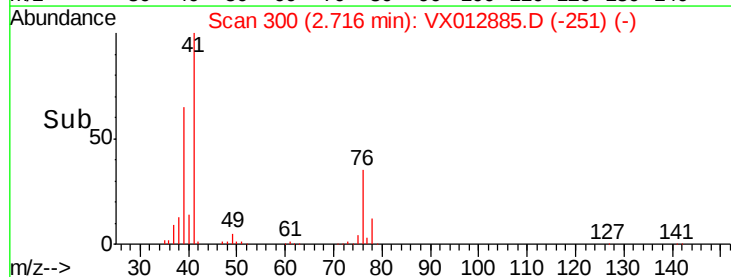
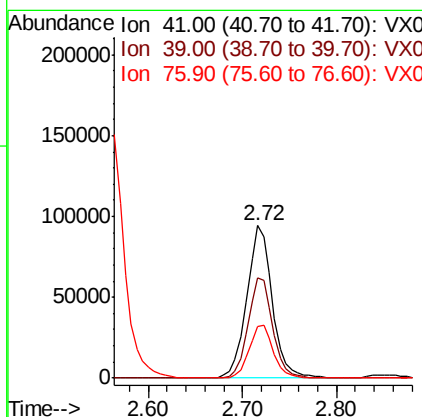
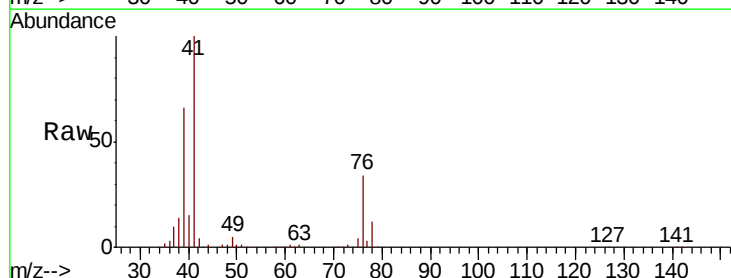
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

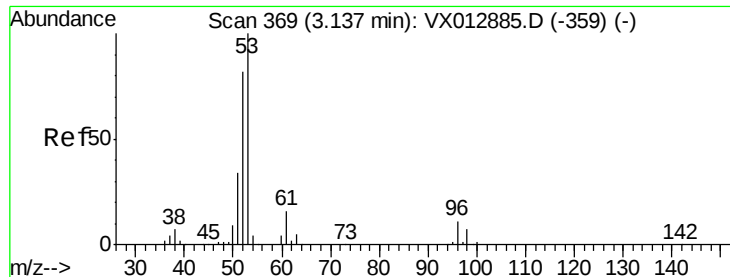
Tot Ion: 56 Resp: 113304
 Ion Ratio Lower Upper
 56 100
 55 70.8 56.6 85.0



#14
 Allyl chloride
 Concen: 45.169 ug/l
 RT: 2.72 min Scan# 300
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 41 Resp: 178753
 Ion Ratio Lower Upper
 41 100
 39 63.8 51.0 76.6
 76 32.8 26.2 39.4





#15

Acrylonitrile

Concen: 228.319 ug/l

RT: 3.14 min Scan# 369

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

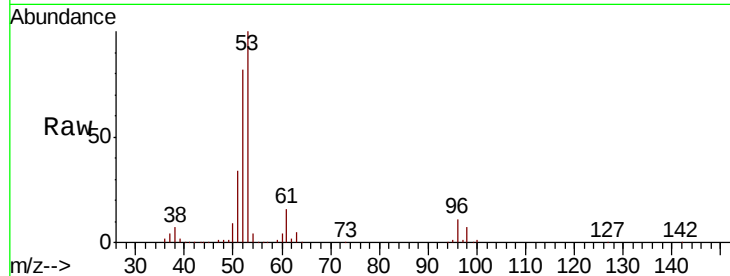
Tot Ion: 53 Resp: 312813

Ion Ratio Lower Upper

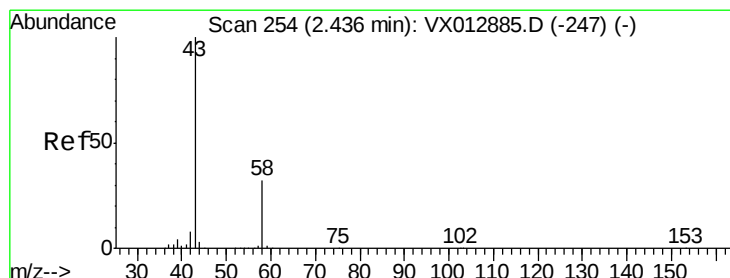
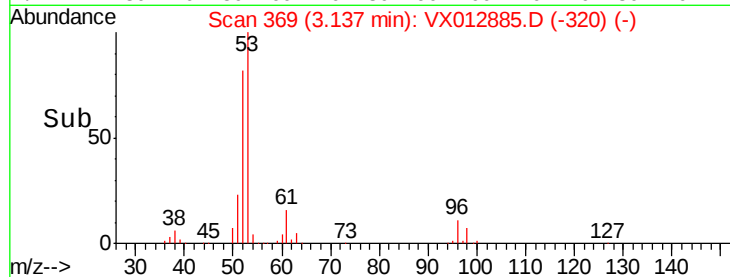
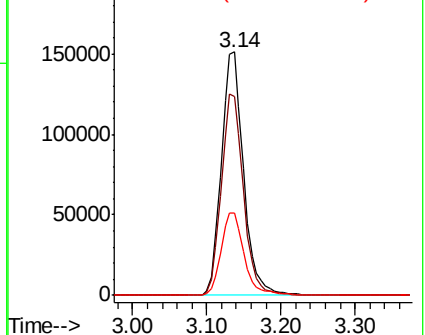
53 100

52 82.7 66.2 99.2

51 35.3 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: 227.566 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012885.D

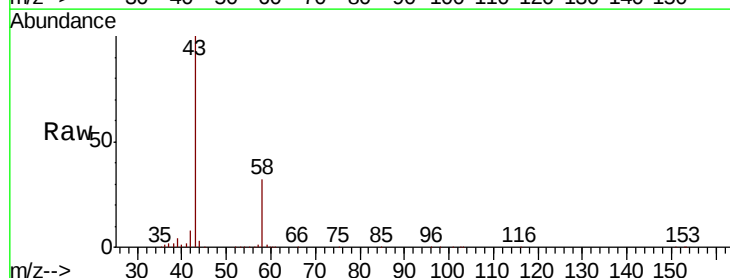
Acq: 08 Oct 2019 12:14

Tgt Ion: 43 Resp: 325062

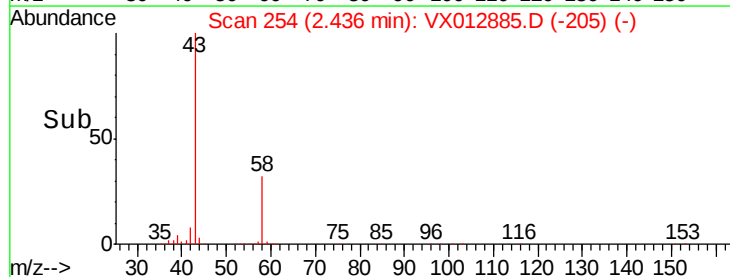
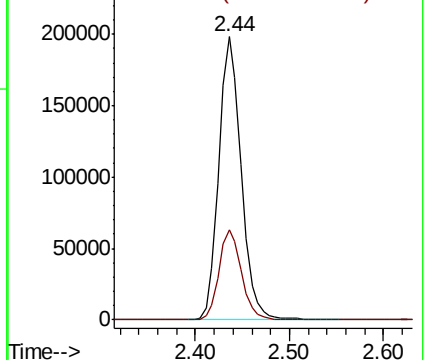
Ion Ratio Lower Upper

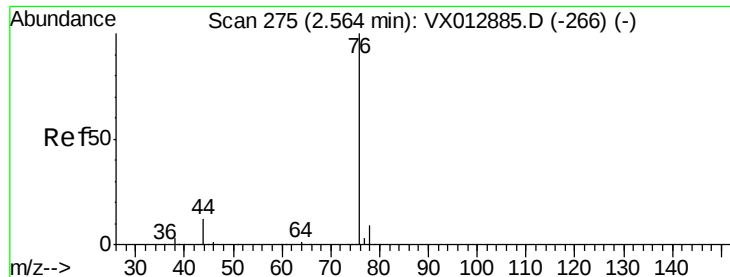
43 100

58 31.8 25.4 38.2



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

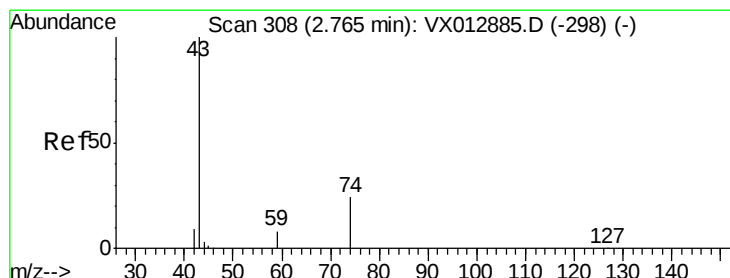
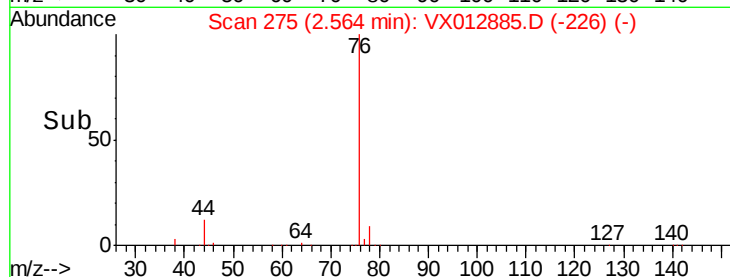
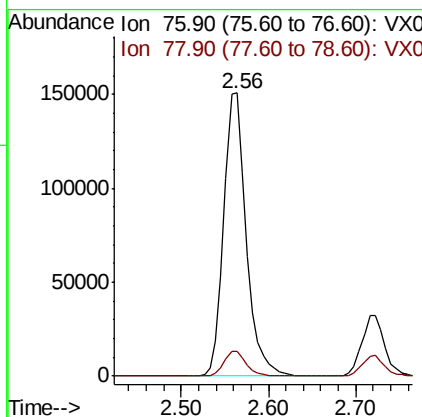
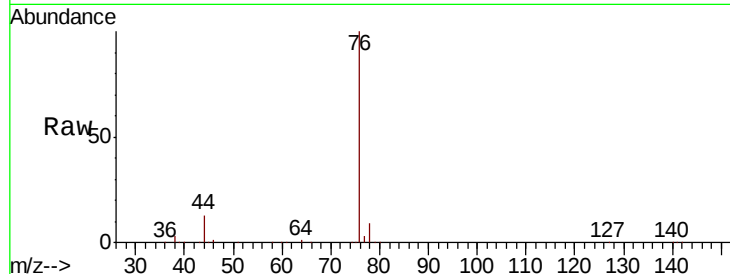




#17
Carbon Disulfide
Concen: 47.473 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

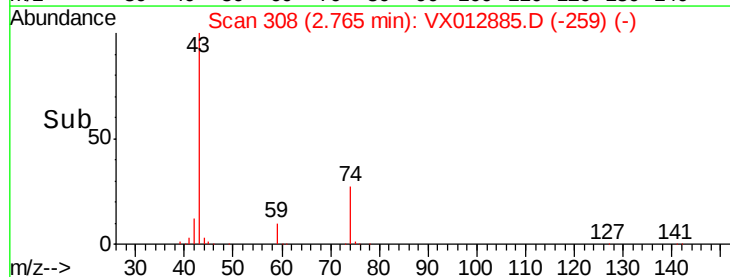
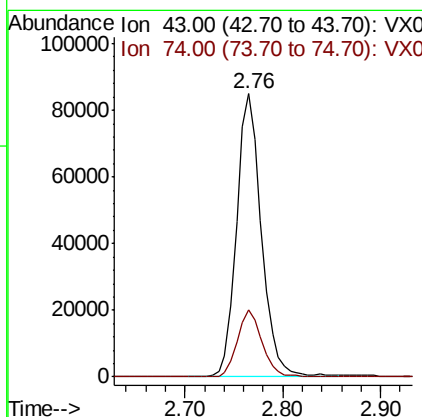
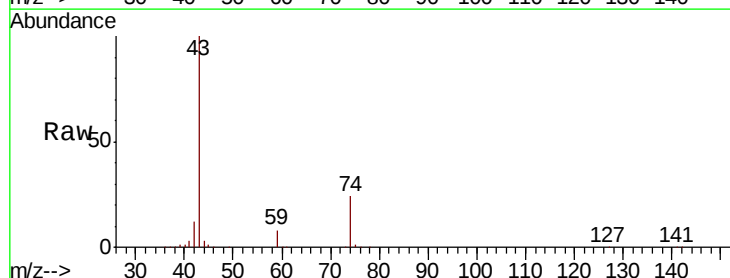
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

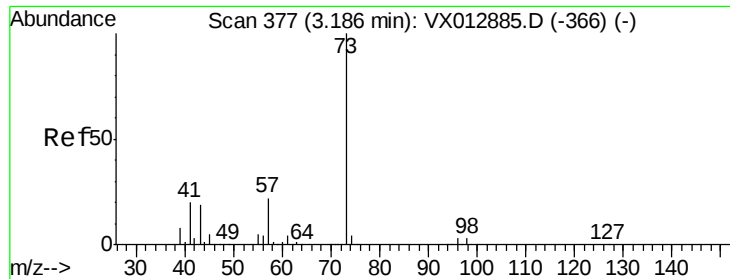
Tot Ion: 76 Resp: 268927
Ion Ratio Lower Upper
76 100
78 8.9 7.1 10.7



#18
Methyl Acetate
Concen: 44.127 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 43 Resp: 148947
Ion Ratio Lower Upper
43 100
74 24.0 19.2 28.8

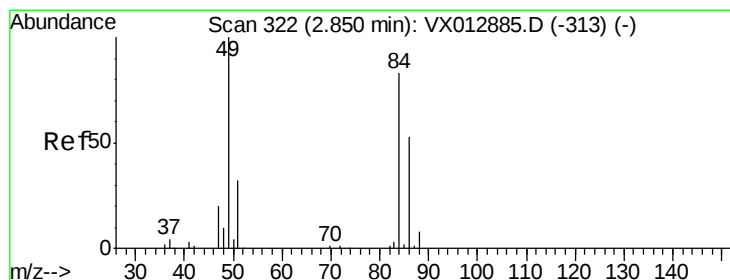
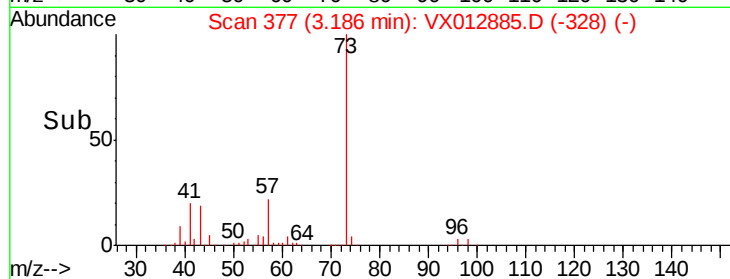
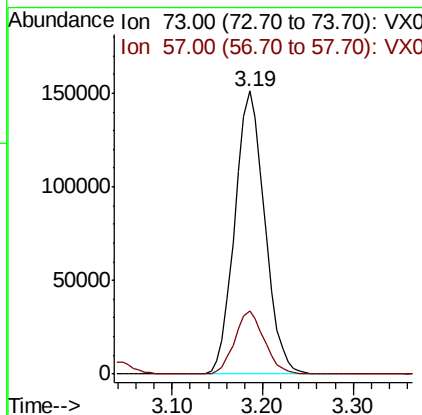
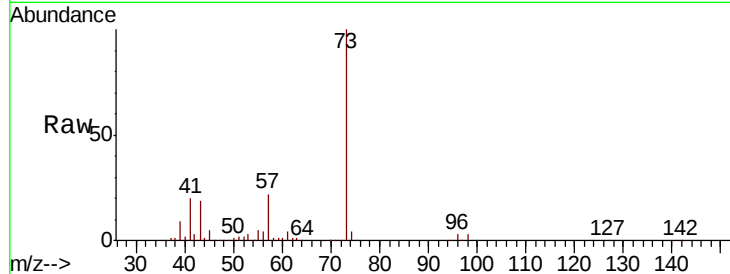




#19
Methvl tert-butvl Ether
Concen: 45.800 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

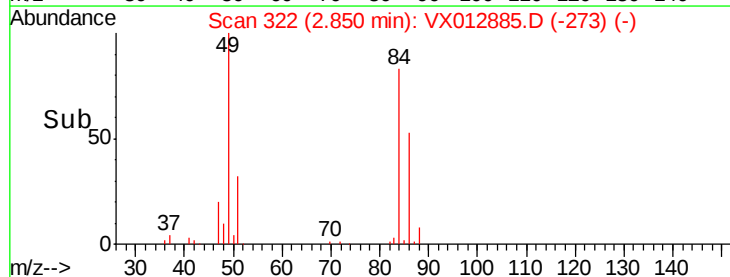
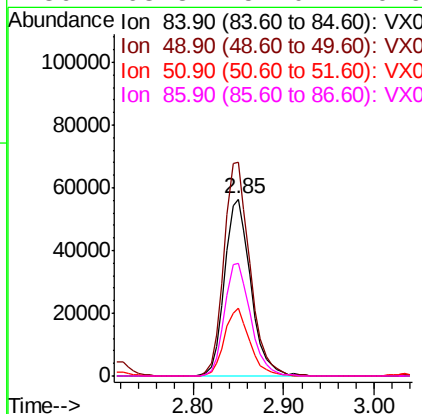
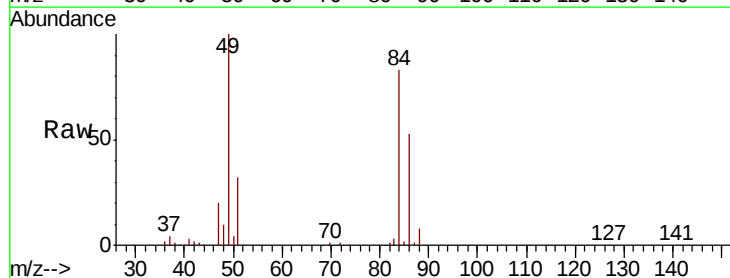
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

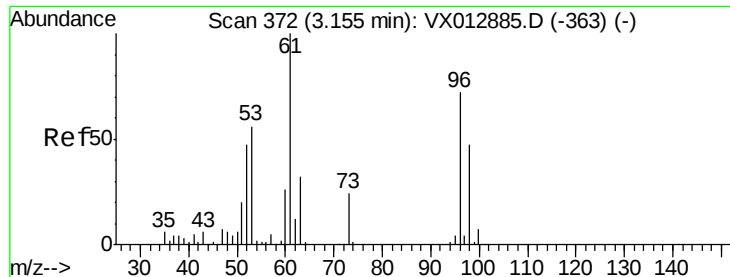
Tot Ion: 73 Resp: 346786
Ion Ratio Lower Upper
73 100
57 22.2 17.8 26.6



#20
Methylene Chloride
Concen: 46.006 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 84 Resp: 112591
Ion Ratio Lower Upper
84 100
49 120.7 96.6 144.8
51 38.4 30.7 46.1
86 63.8 51.0 76.6

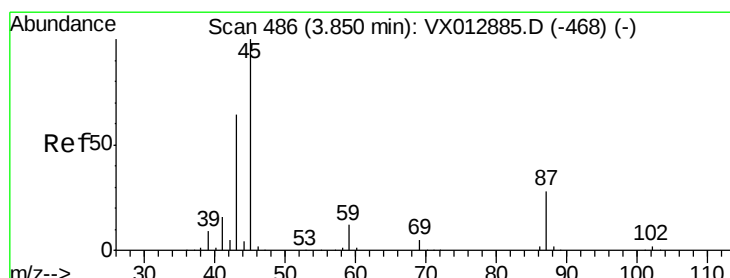
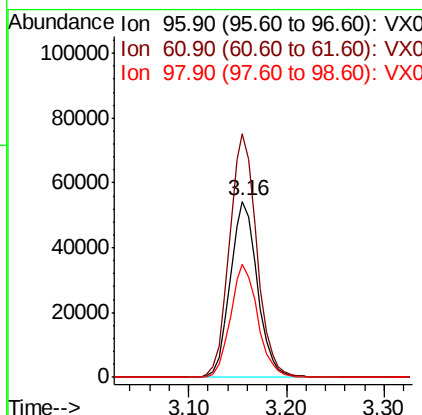
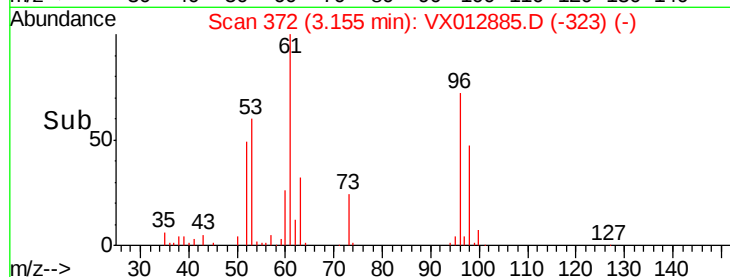
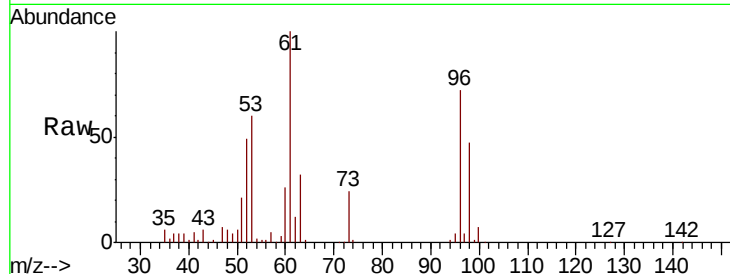




#21
trans-1,2-Dichloroethene
Concen: 46.828 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

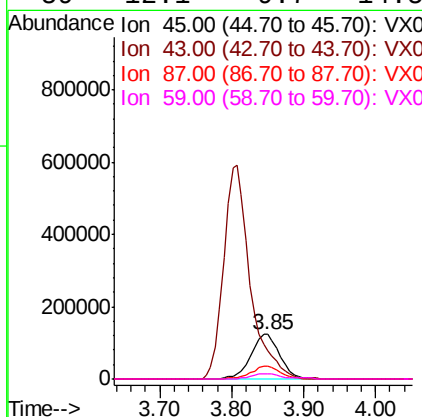
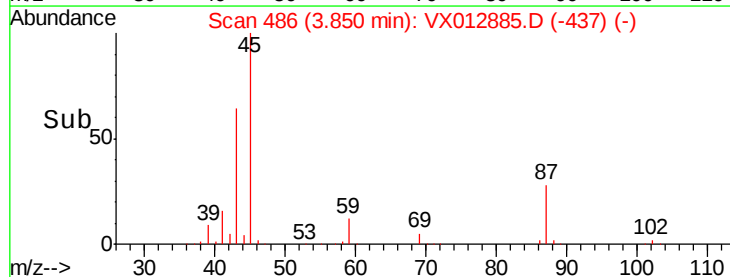
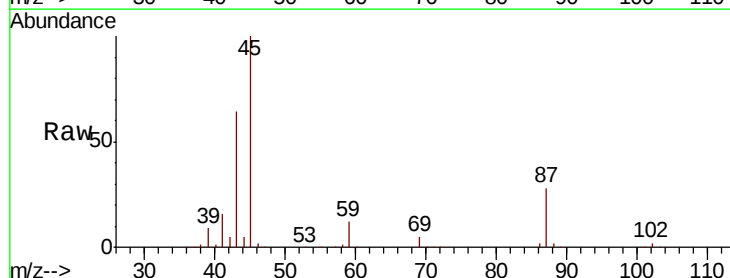
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

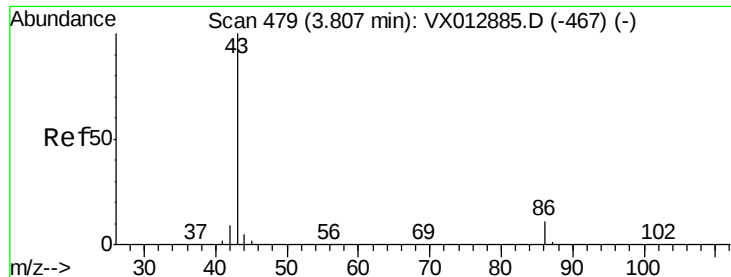
Tot Ion: 96 Resp: 104489
Ion Ratio Lower Upper
96 100
61 138.0 110.4 165.6
98 64.4 51.5 77.3



#22
Diisopropyl ether
Concen: 44.789 ug/l
RT: 3.85 min Scan# 486
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 45 Resp: 342691
Ion Ratio Lower Upper
45 100
43 64.2 51.4 77.0
87 28.1 22.5 33.7
59 12.1 9.7 14.5





#23

Vinyl Acetate

Concen: 227.268 ug/l

RT: 3.81 min Scan# 479

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

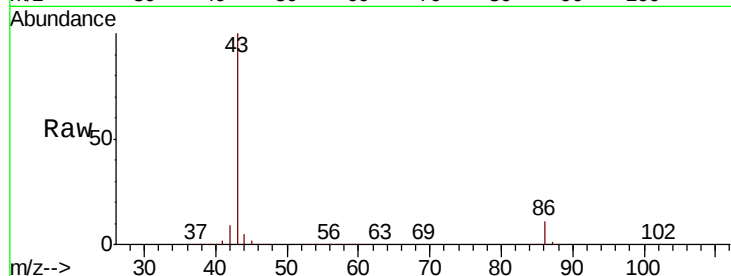
VSTDICCC050

Tot Ion: 43 Resp: 1519884

Ion Ratio Lower Upper

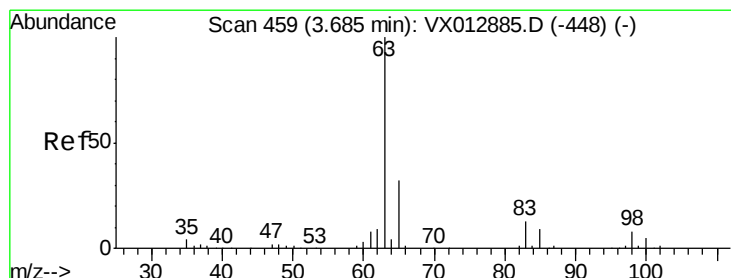
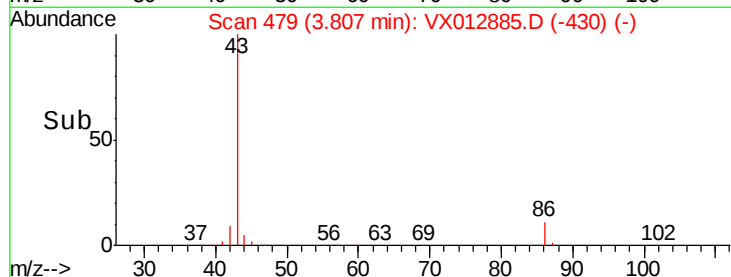
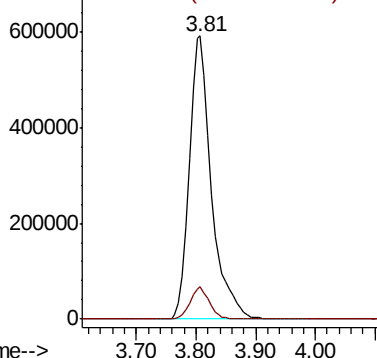
43 100

86 11.3 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 45.690 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

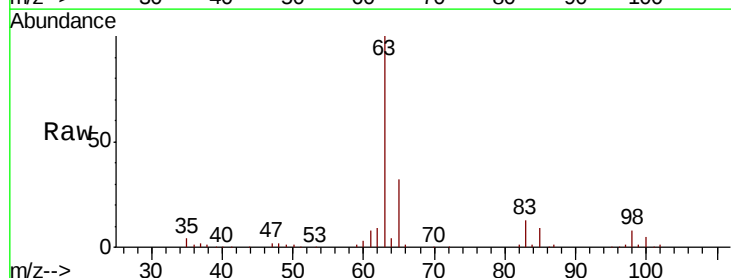
Tgt Ion: 63 Resp: 190442

Ion Ratio Lower Upper

63 100

98 7.7 3.9 11.5

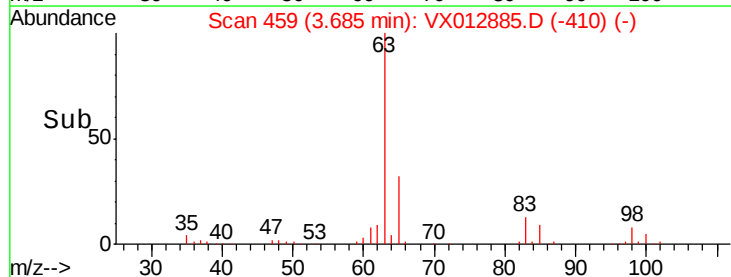
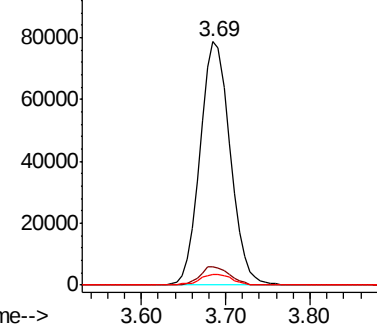
100 4.6 2.3 6.9

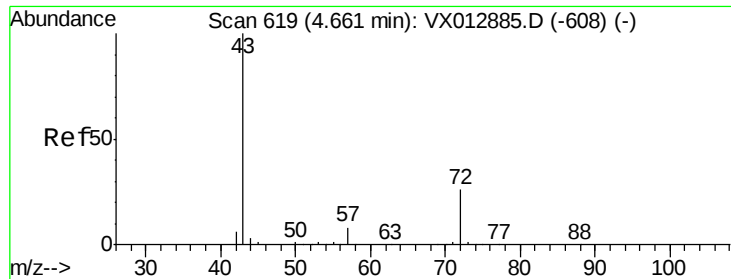


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 222.487 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

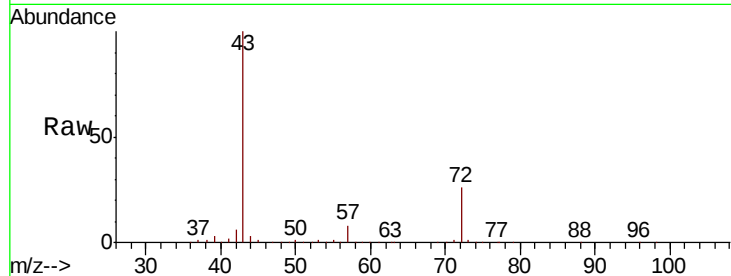
VSTDICCC050

Tot Ion: 43 Resp: 454732

Ion Ratio Lower Upper

43 100

72 26.3 21.0 31.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.66

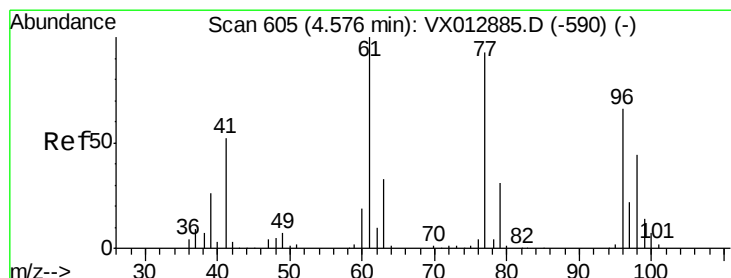
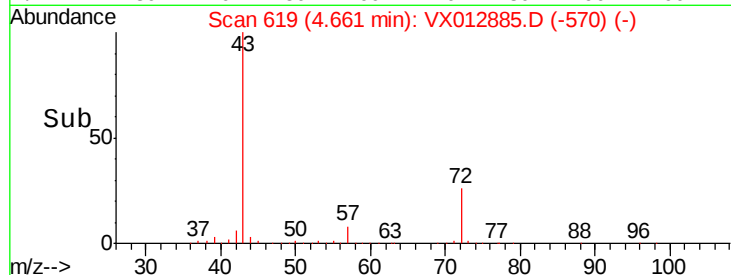
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 44.065 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX012885.D

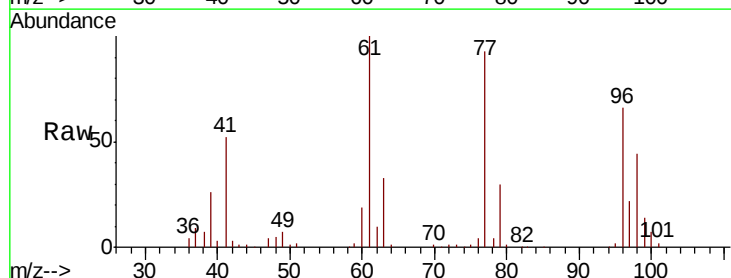
Acq: 08 Oct 2019 12:14

Tgt Ion: 77 Resp: 162531

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

4.58

60000

50000

40000

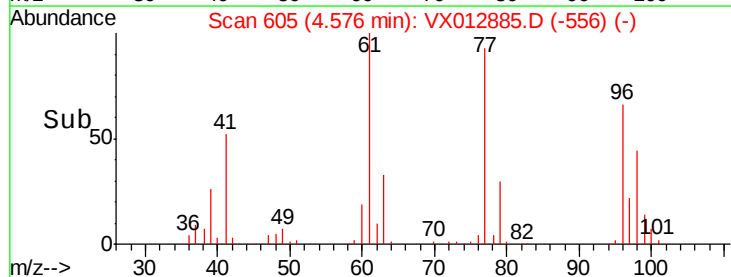
30000

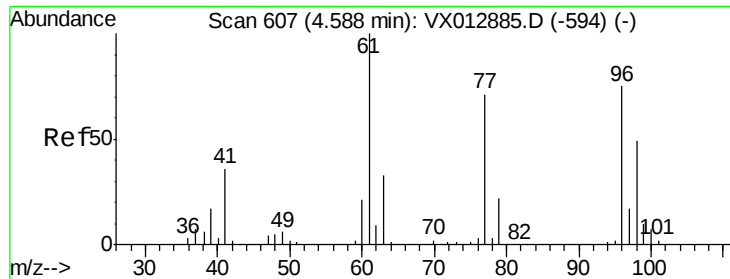
20000

10000

0

Time-->

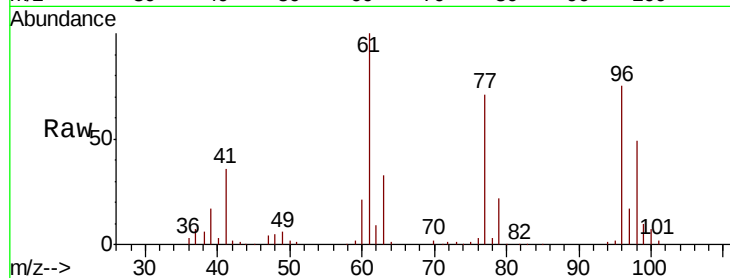




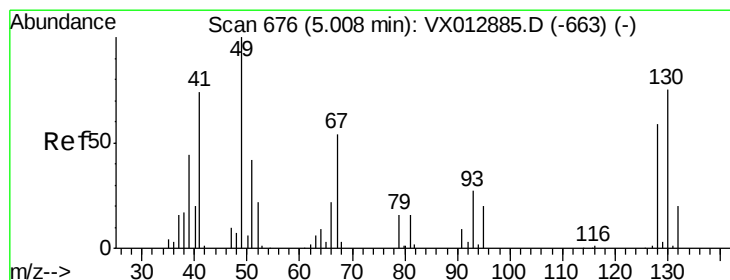
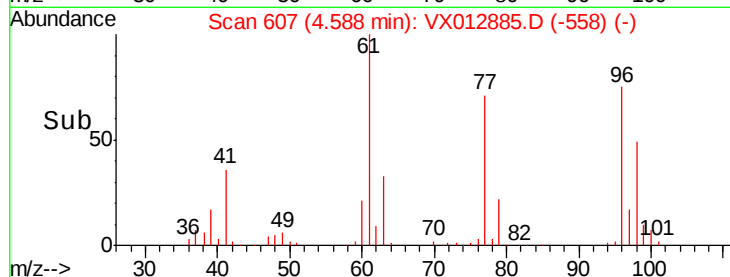
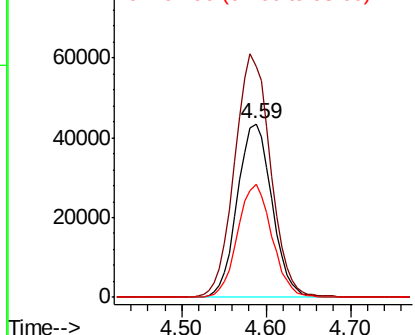
#27
 cis-1,2-Dichloroethene
 Concen: 46.945 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 96 Resp: 121498
 Ion Ratio Lower Upper
 96 100
 61 145.3 0.0 290.6
 98 64.4 0.0 128.8

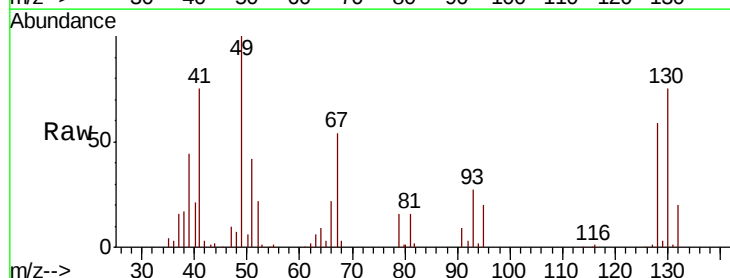


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

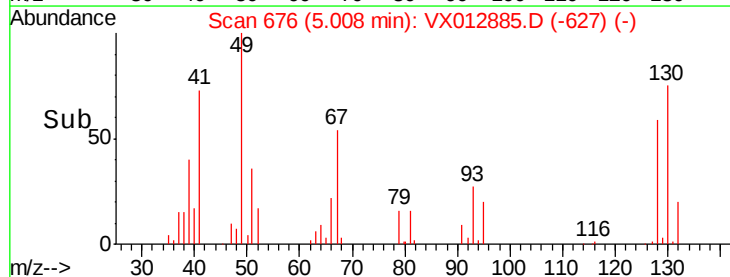
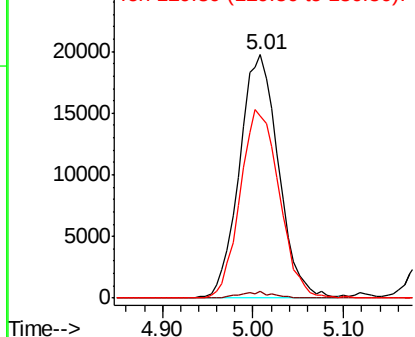


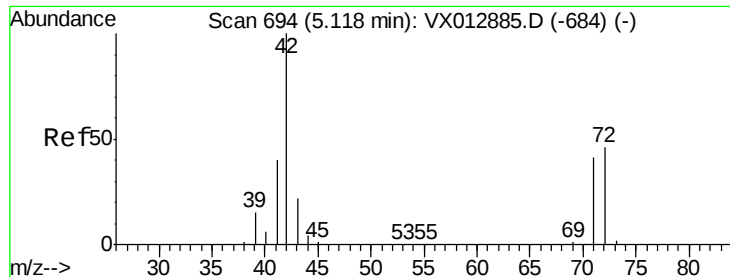
#28
 Bromochloromethane
 Concen: 39.818 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 49 Resp: 58872
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 77.6 62.1 93.1



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

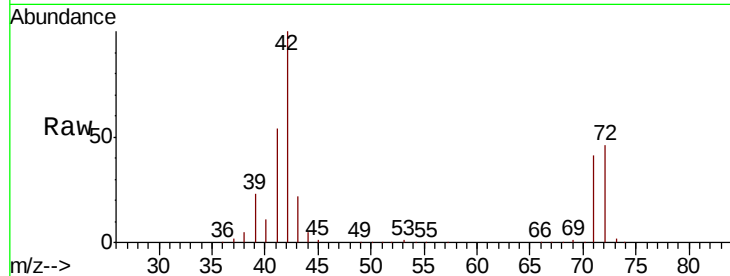




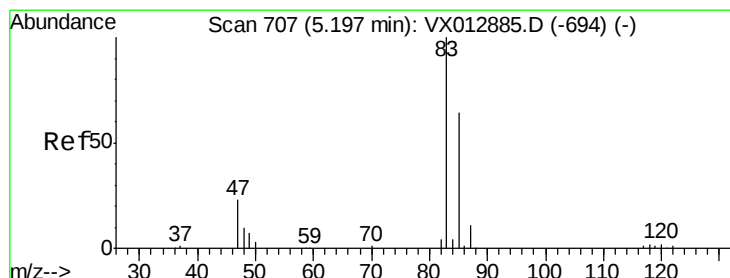
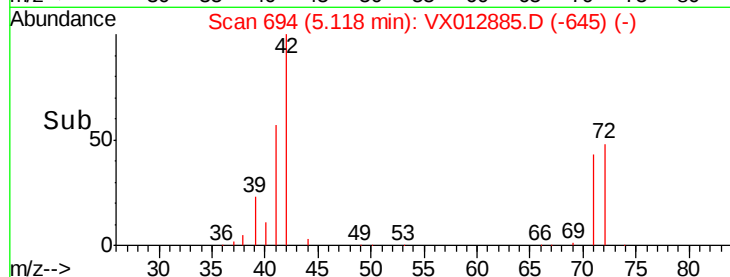
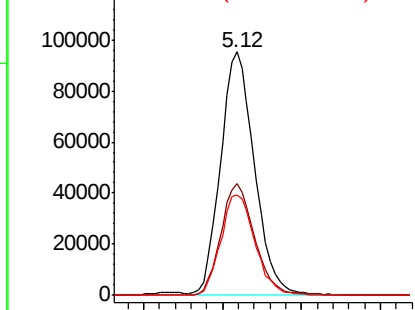
#29
Tetrahydrofuran
Concen: 227.801 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion: 42 Resp: 284239
Ion Ratio Lower Upper
42 100
72 46.1 36.9 55.3
71 41.9 33.5 50.3

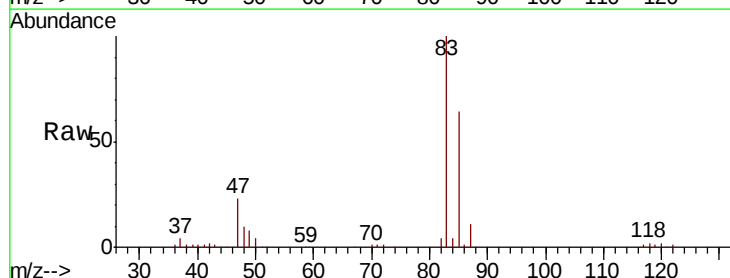


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

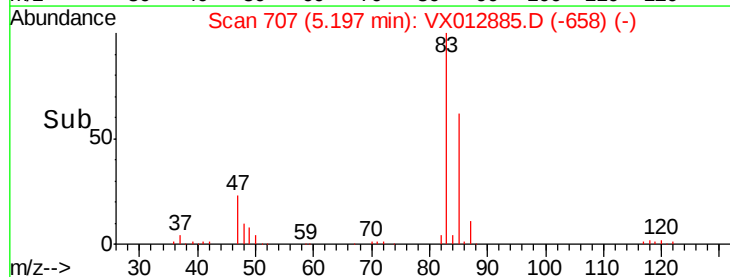
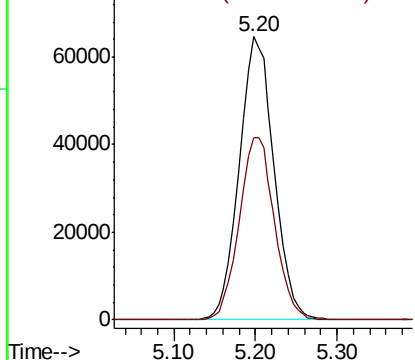


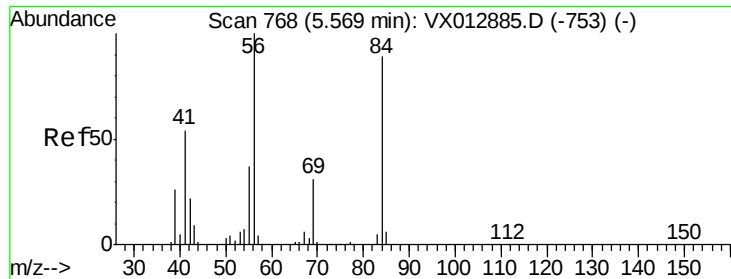
#30
Chloroform
Concen: 44.699 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 83 Resp: 191075
Ion Ratio Lower Upper
83 100
85 64.4 51.5 77.3



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

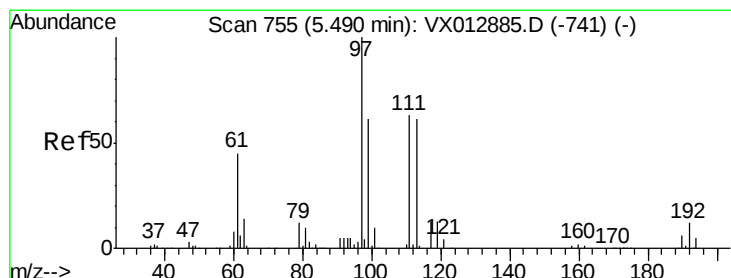
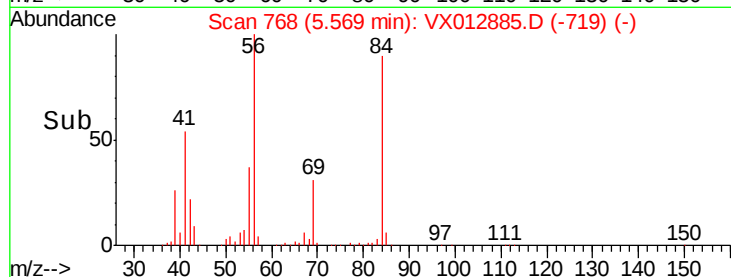
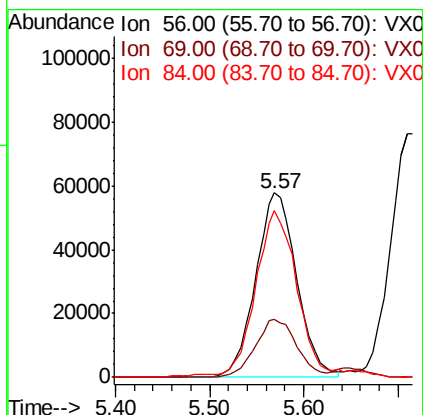
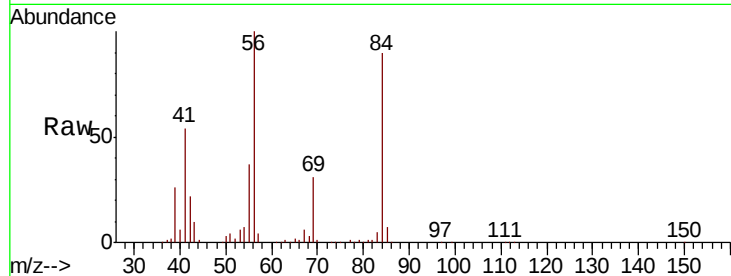




#31
Cyclohexane
Concen: 46.467 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

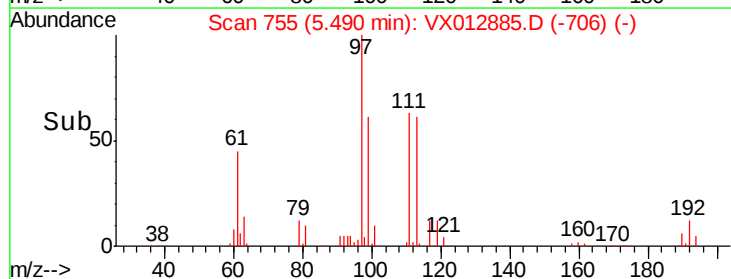
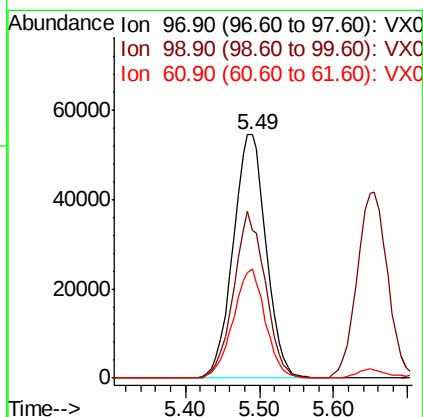
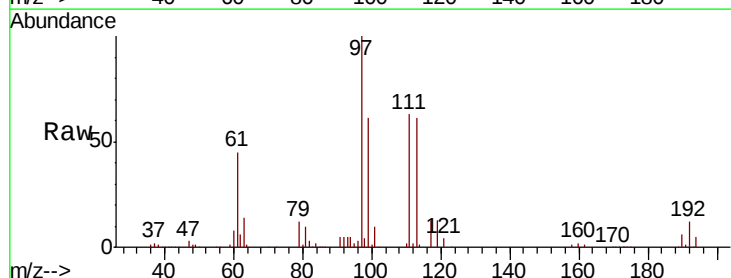
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

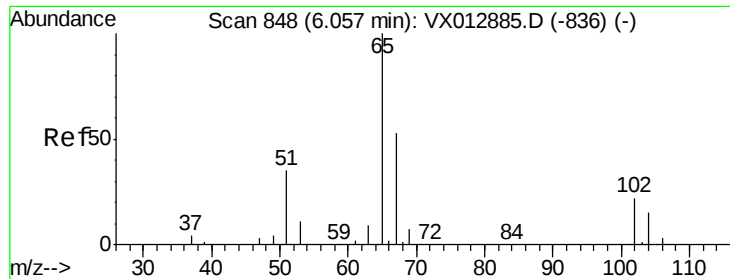
Tot Ion: 56 Resp: 175773
Ion Ratio Lower Upper
56 100
69 31.5 25.2 37.8
84 89.1 71.3 106.9



#32
1,1,1-Trichloroethane
Concen: 44.897 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 97 Resp: 169199
Ion Ratio Lower Upper
97 100
99 65.4 52.3 78.5
61 43.7 35.0 52.4

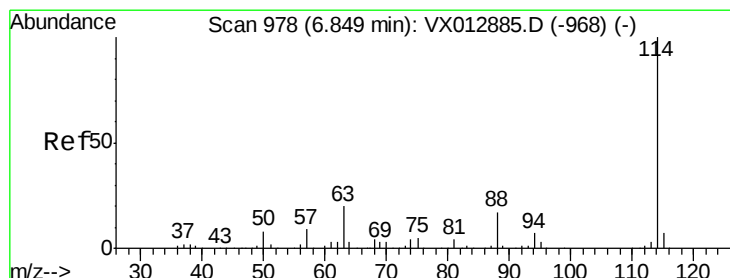
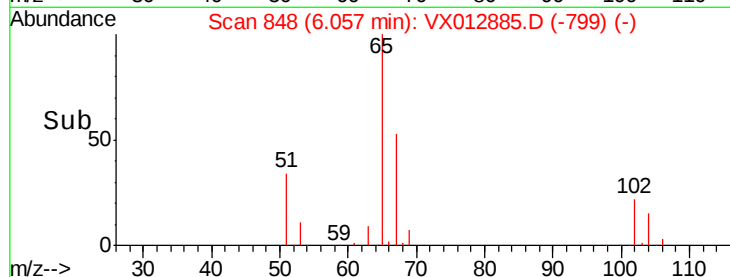
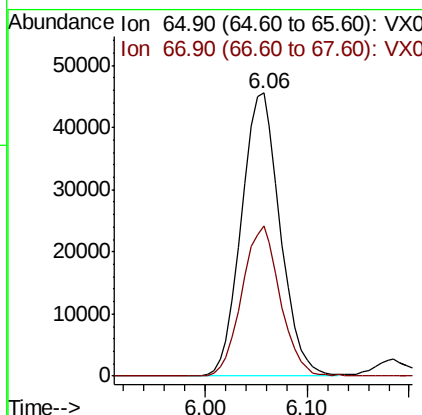
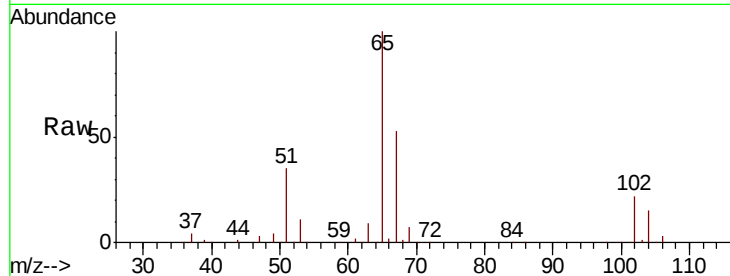




#33
 1,2-Dichloroethane-d4
 Concen: 44.649 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

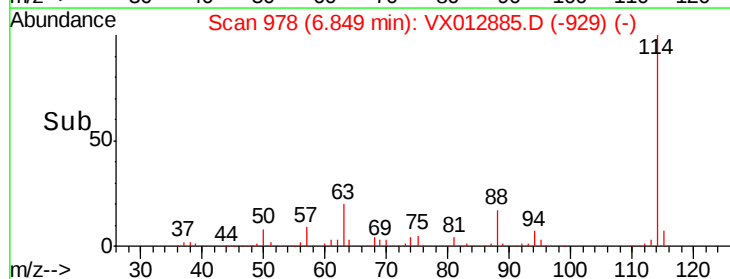
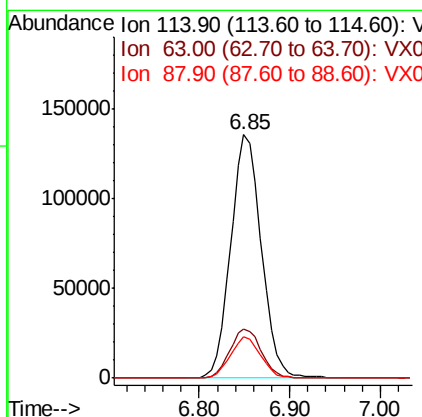
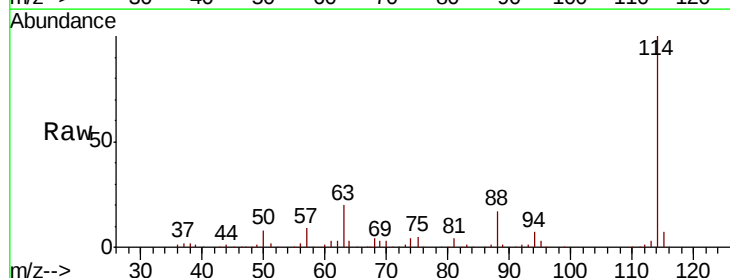
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

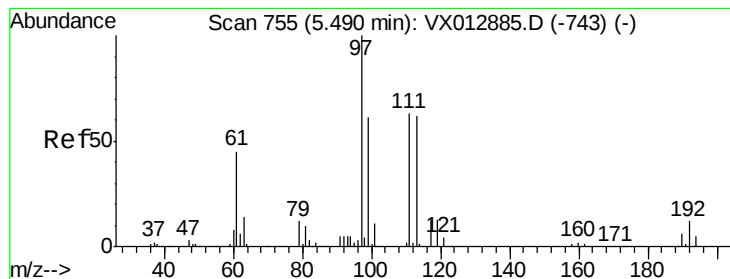
Tot Ion: 65 Resp: 120390
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 114 Resp: 318233
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 16.9 0.0 33.8





#35

Dibromofluoromethane

Concen: 49.455 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

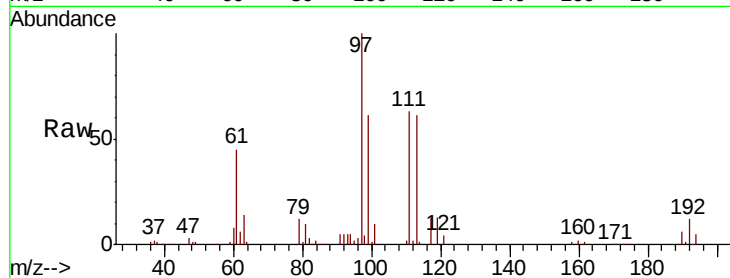
Tot Ion:113 Resp: 94284

Ion Ratio Lower Upper

113 100

111 104.0 83.2 124.8

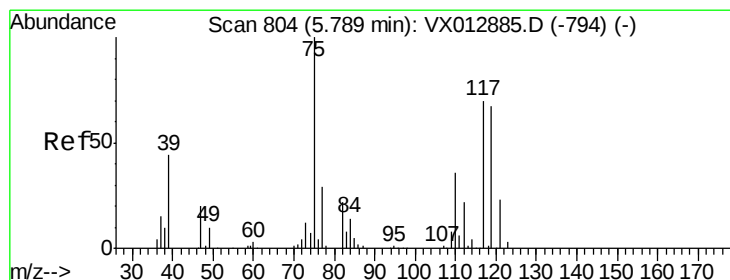
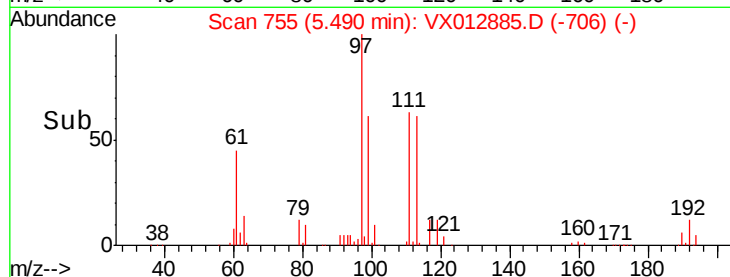
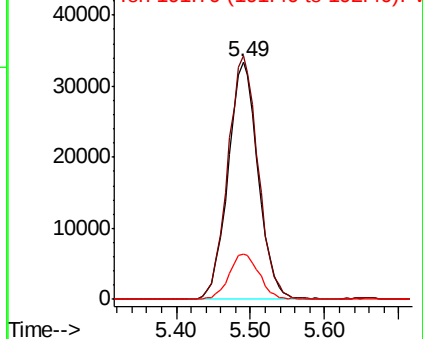
192 19.3 15.4 23.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 47.747 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

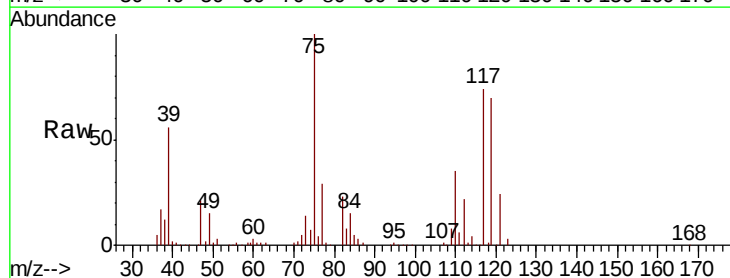
Tgt Ion: 75 Resp: 147225

Ion Ratio Lower Upper

75 100

110 35.3 17.6 52.9

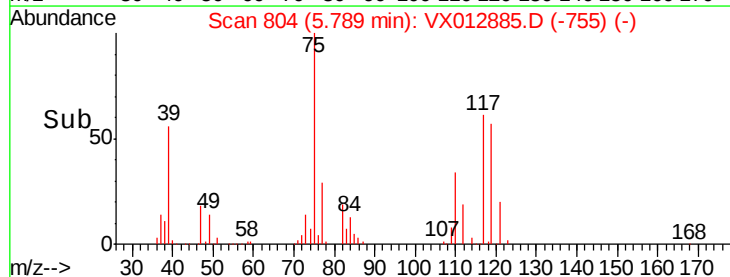
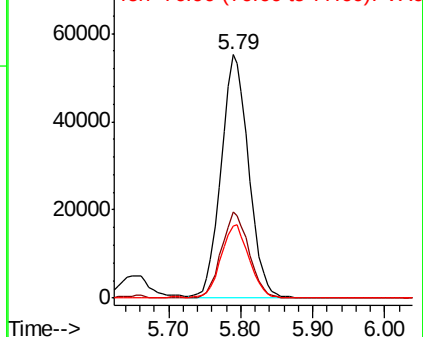
77 30.5 24.4 36.6

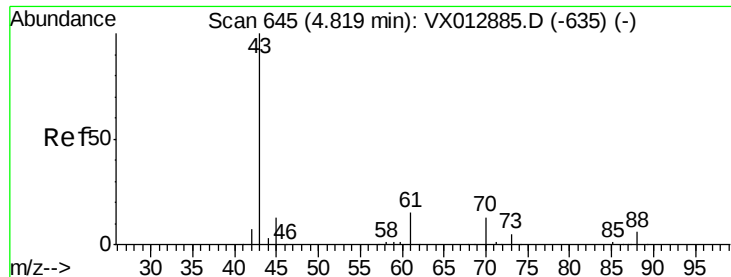


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

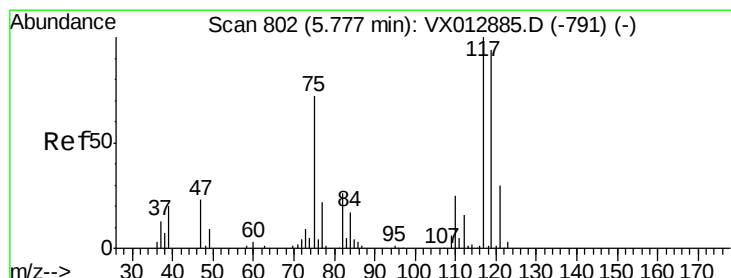
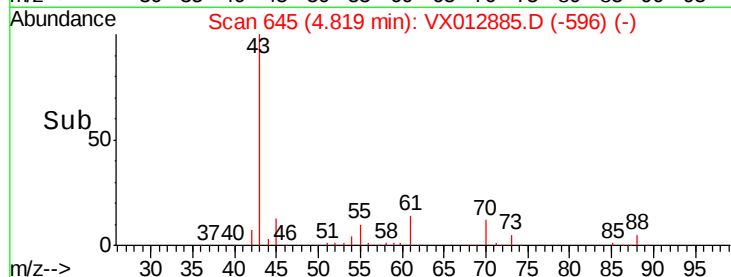
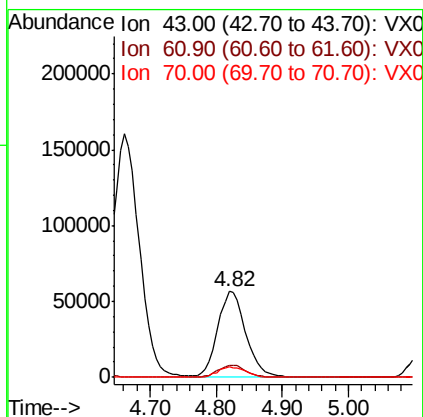
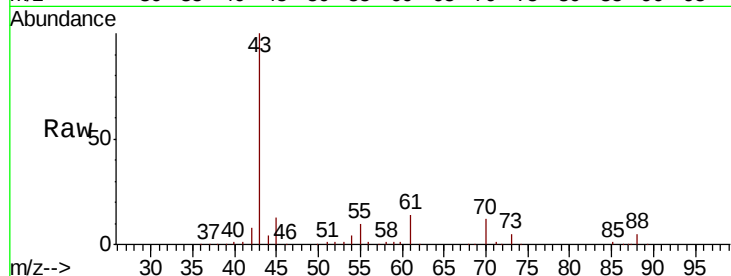




#37
Ethyl Acetate
Concen: 46.981 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

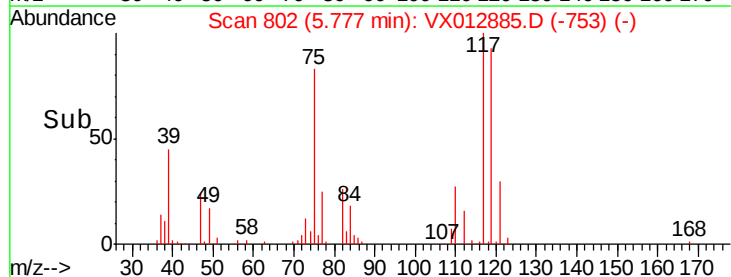
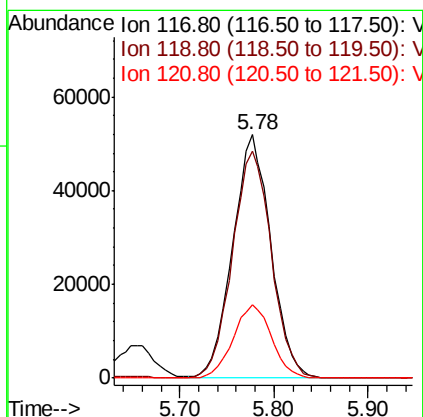
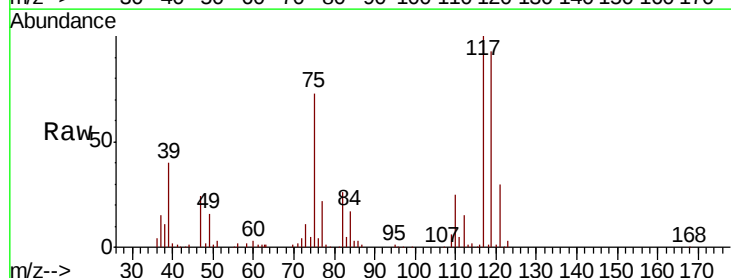
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

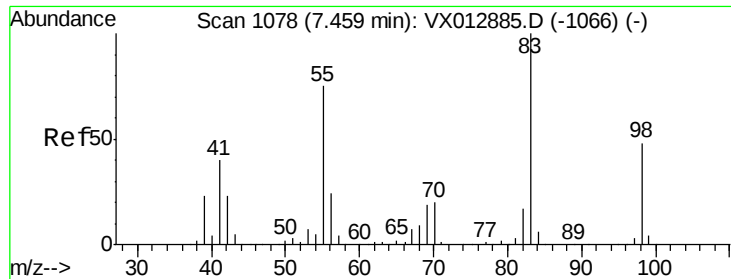
Tot Ion: 43 Resp: 167250
Ion Ratio Lower Upper
43 100
61 14.2 11.4 17.0
70 12.2 9.8 14.6



#38
Carbon Tetrachloride
Concen: 47.264 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 117 Resp: 146683
Ion Ratio Lower Upper
117 100
119 93.1 74.5 111.7
121 30.3 24.2 36.4

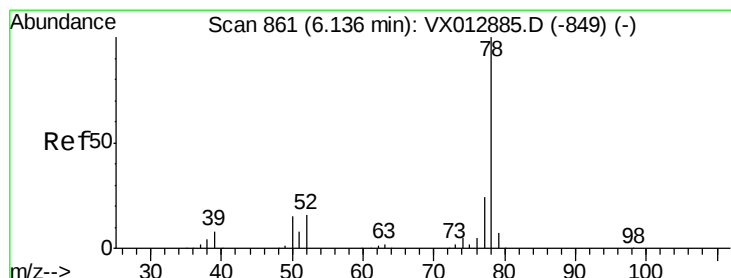
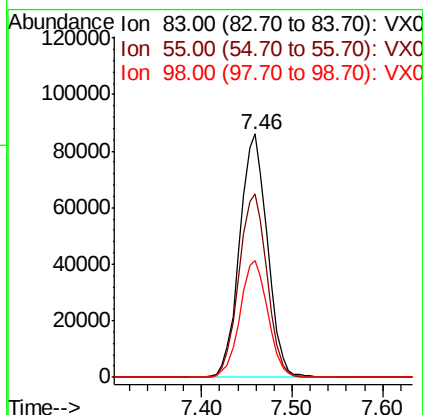
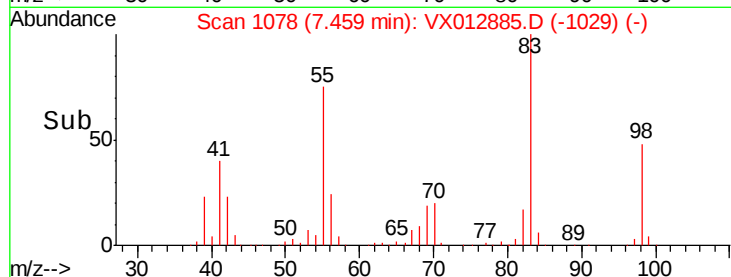
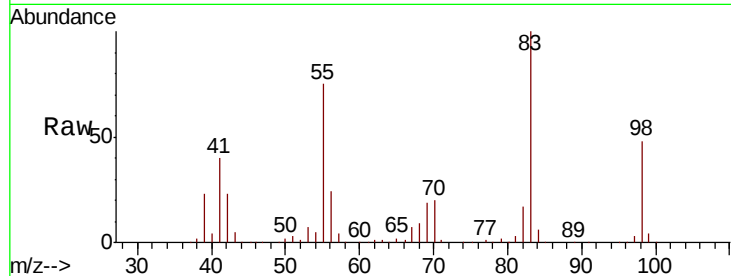




#39
Methvlcvclohexane
Concen: 49.071 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

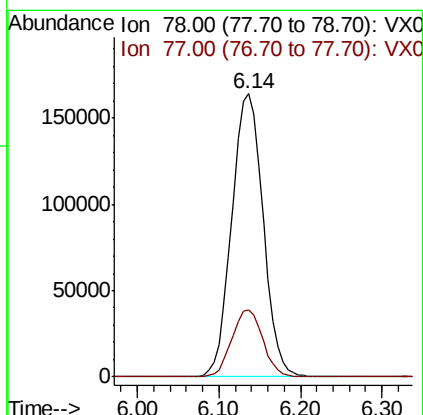
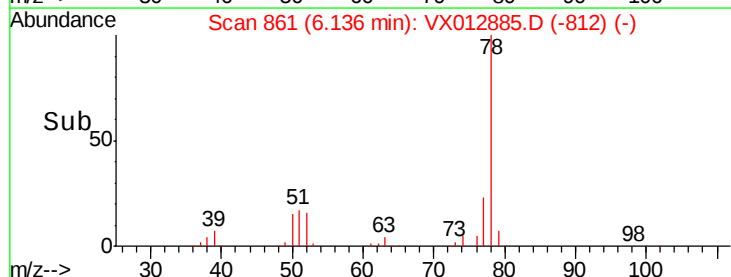
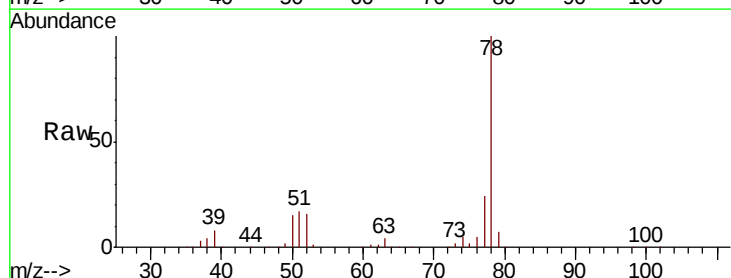
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

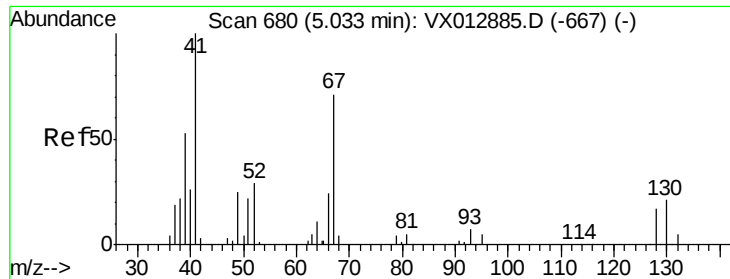
Tot Ion: 83 Resp: 182874
Ion Ratio Lower Upper
83 100
55 75.3 60.2 90.4
98 48.1 38.5 57.7



#40
Benzene
Concen: 48.236 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 78 Resp: 436449
Ion Ratio Lower Upper
78 100
77 23.7 19.0 28.4

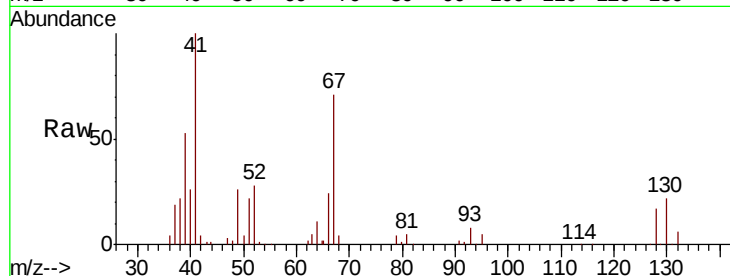




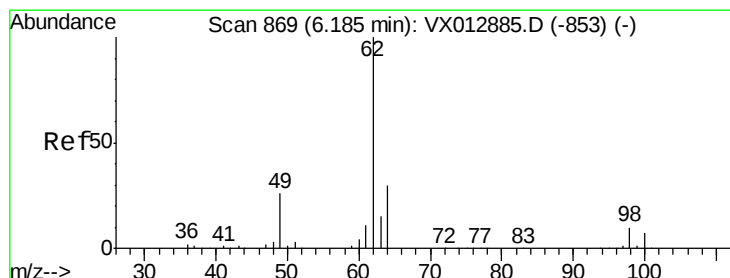
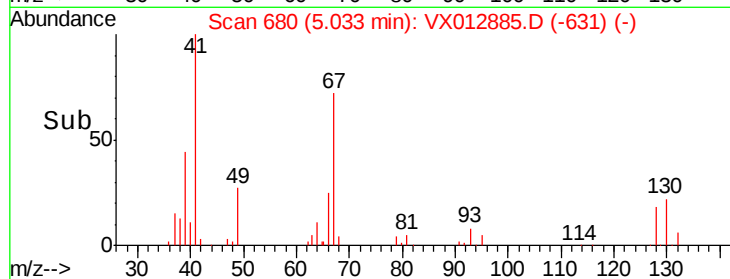
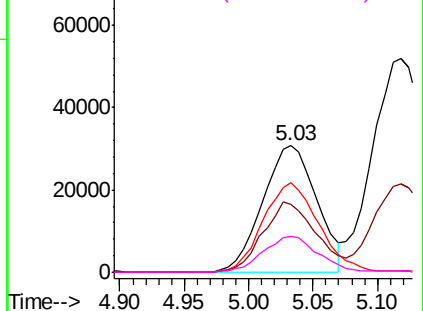
#41
Methacrylonitrile
Concen: 45.090 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:	41	Resp:	89705
Ion	Ratio	Lower	Upper
41	100		
39	55.0	44.0	66.0
67	73.1	58.5	87.7
52	29.8	23.8	35.8

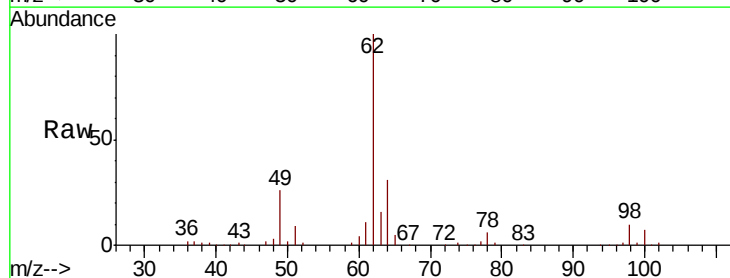


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

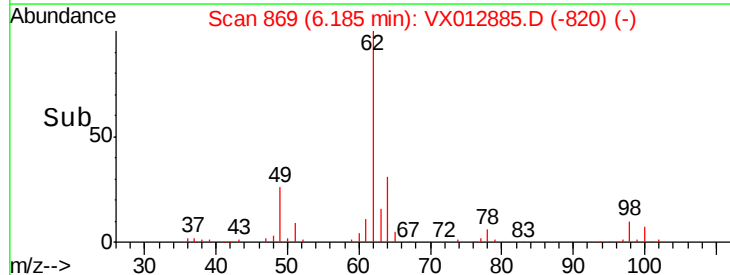
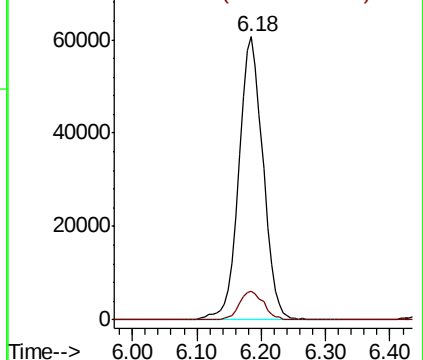


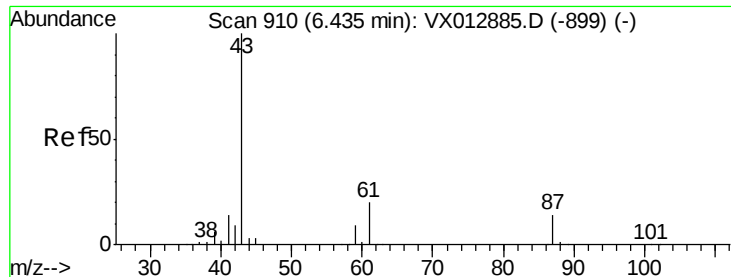
#42
1,2-Dichloroethane
Concen: 46.130 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion:	62	Resp:	157116
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	20.4



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



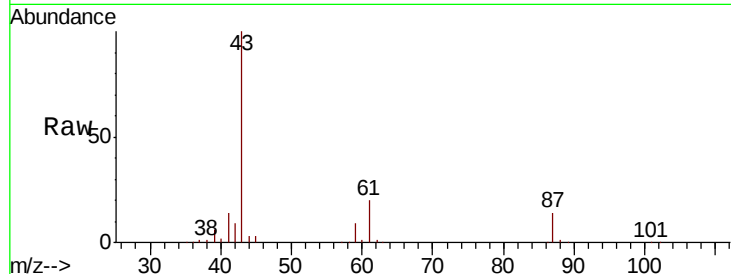


#43

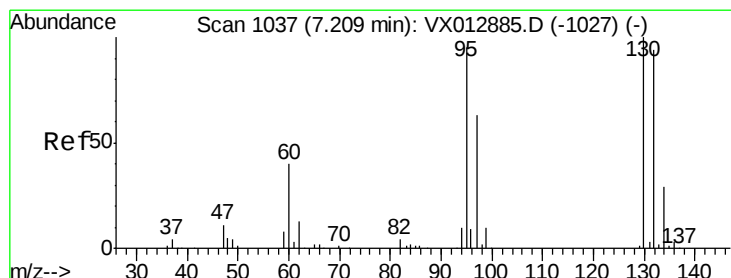
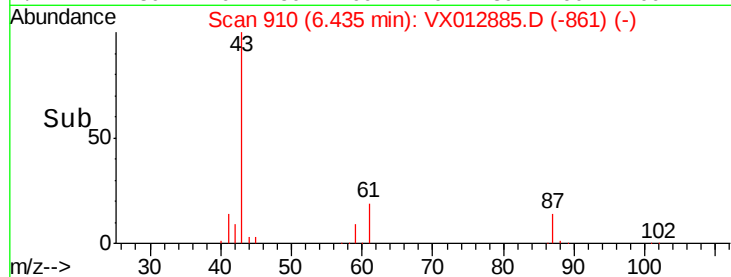
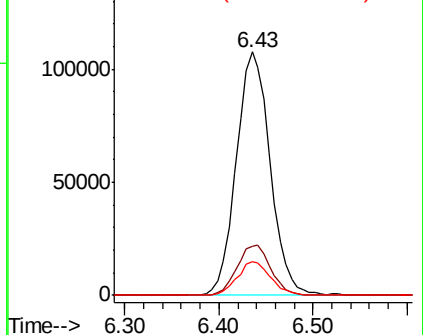
Isopropyl Acetate
 Concen: 45.293 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion: 43 Resp: 269057
 Ion Ratio Lower Upper
 43 100
 61 20.7 16.6 24.8
 87 13.8 11.0 16.6



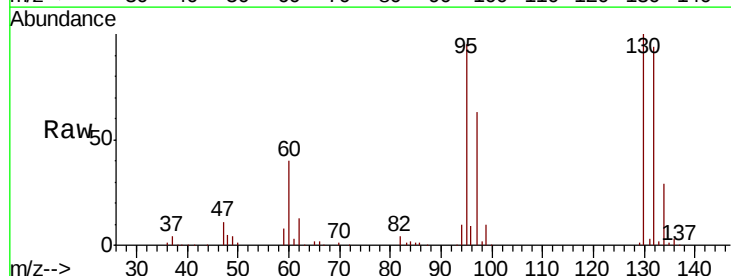
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



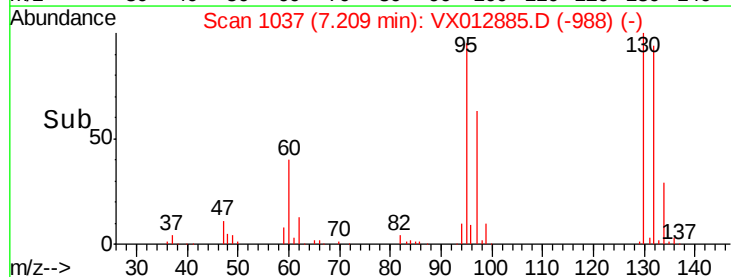
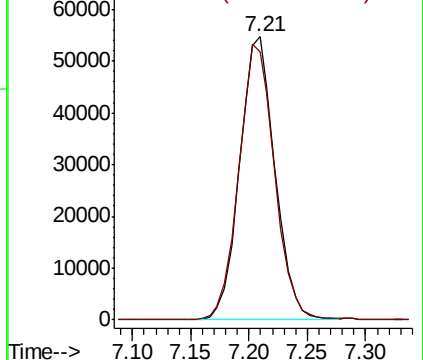
#44

Trichloroethene
 Concen: 49.385 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion:130 Resp: 115043
 Ion Ratio Lower Upper
 130 100
 95 94.6 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: 48.109 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

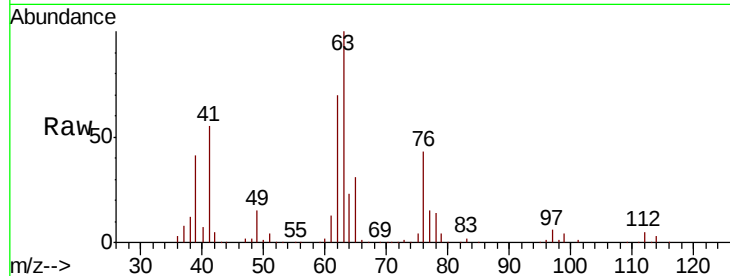
VSTDICCC050

Tot Ion: 63 Resp: 111435

Ion Ratio Lower Upper

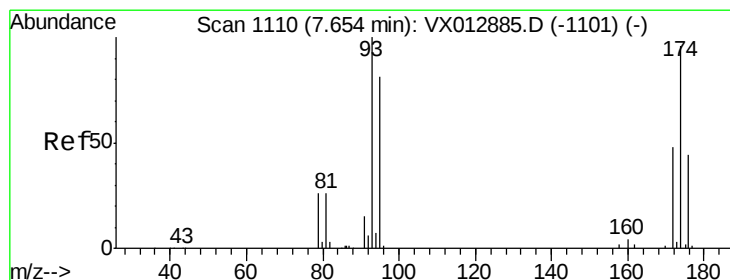
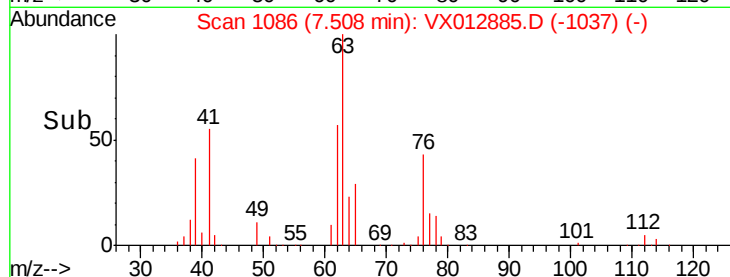
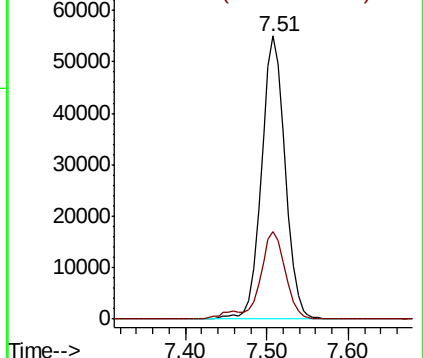
63 100

65 30.8 24.6 37.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 47.456 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

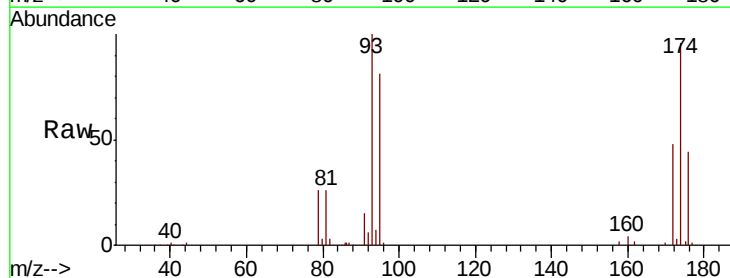
Tgt Ion: 93 Resp: 74733

Ion Ratio Lower Upper

93 100

95 82.9 66.3 99.5

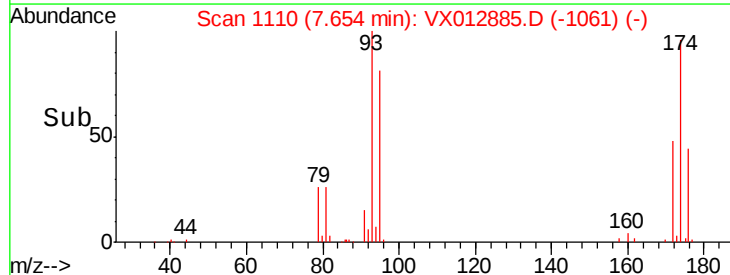
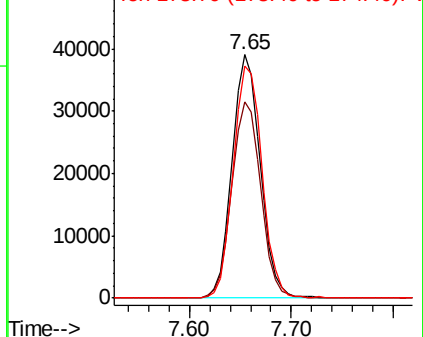
174 97.2 77.8 116.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 47.598 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

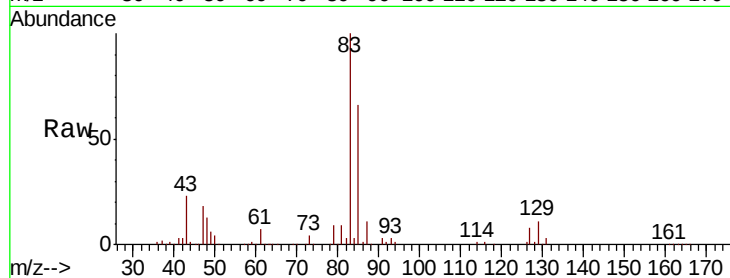
Tot Ion: 83 Resp: 149067

Ion Ratio Lower Upper

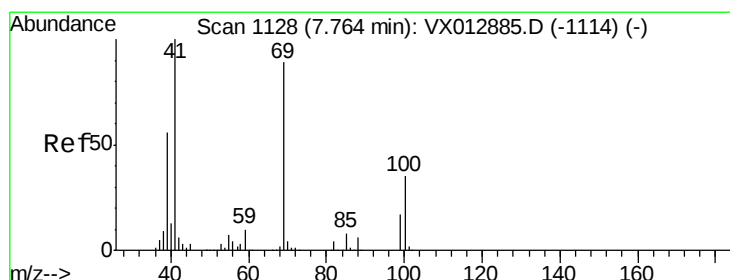
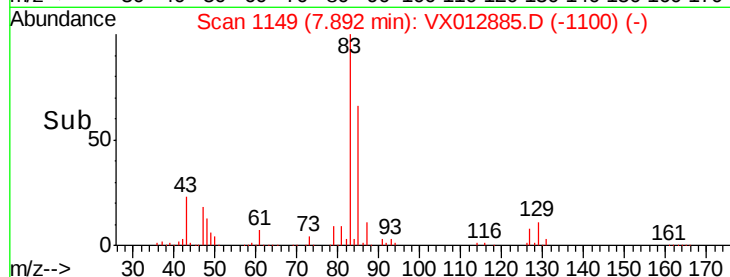
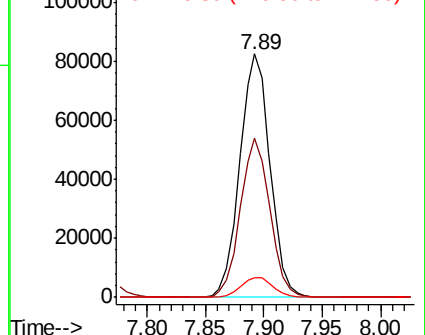
83 100

85 65.5 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: 46.181 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

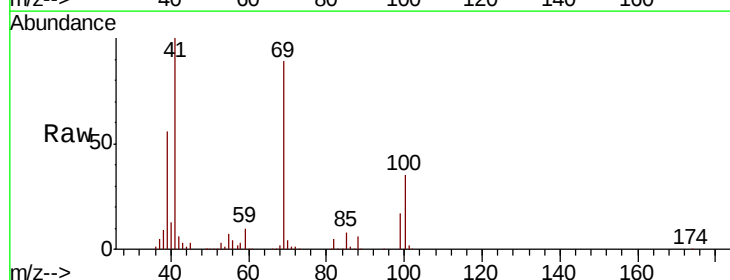
Tgt Ion: 41 Resp: 131401

Ion Ratio Lower Upper

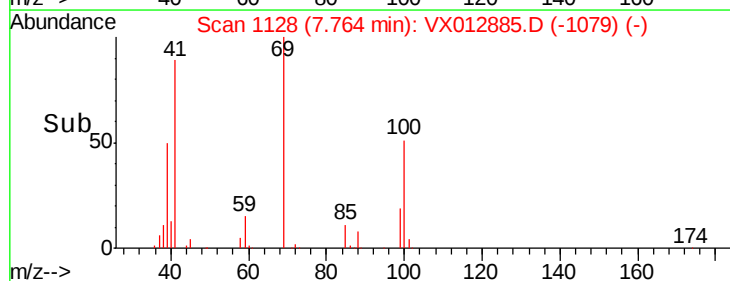
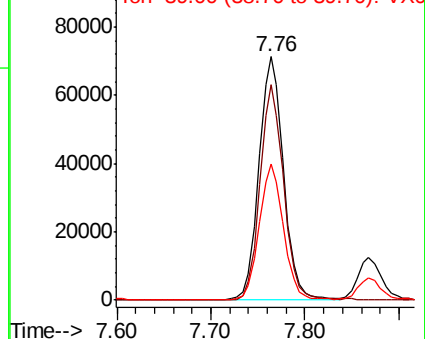
41 100

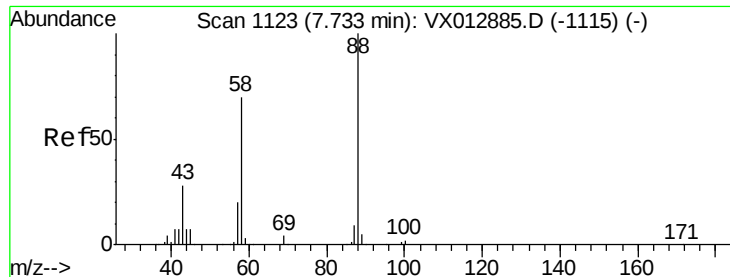
69 85.9 68.7 103.1

39 55.4 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: 1006.317 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

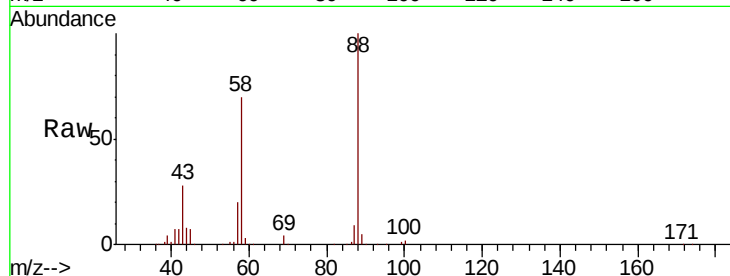
Tot Ion: 88 Resp: 65804

Ion Ratio Lower Upper

88 100

43 31.3 25.0 37.6

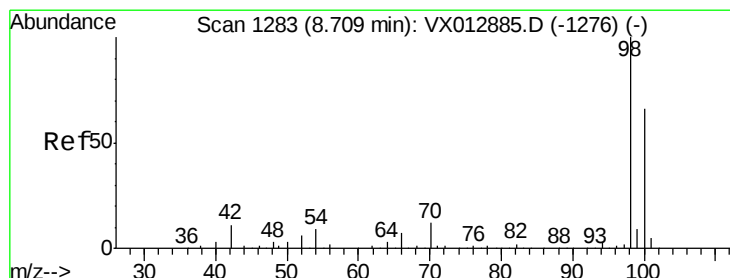
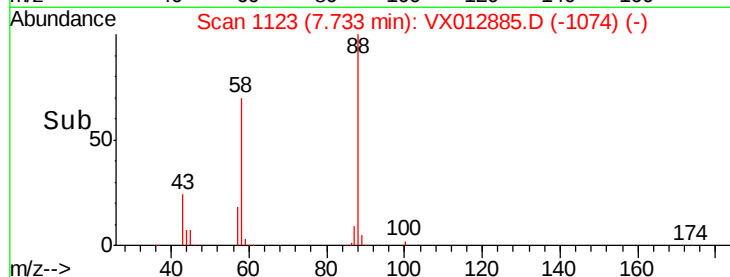
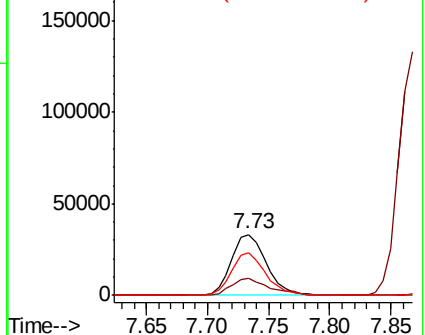
58 69.3 55.4 83.2



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: 49.293 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012885.D

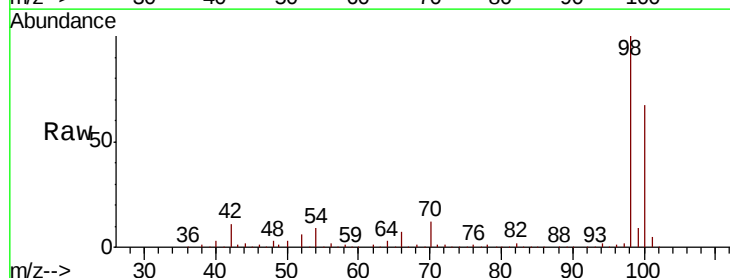
Acq: 08 Oct 2019 12:14

Tgt Ion: 98 Resp: 362922

Ion Ratio Lower Upper

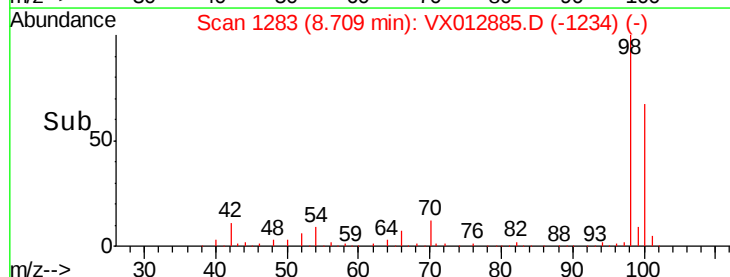
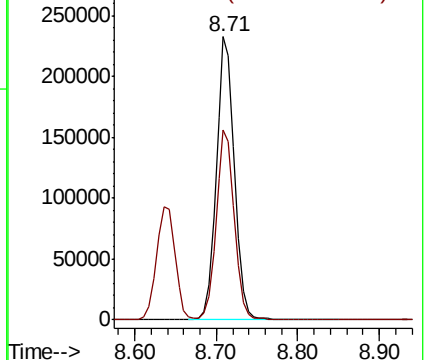
98 100

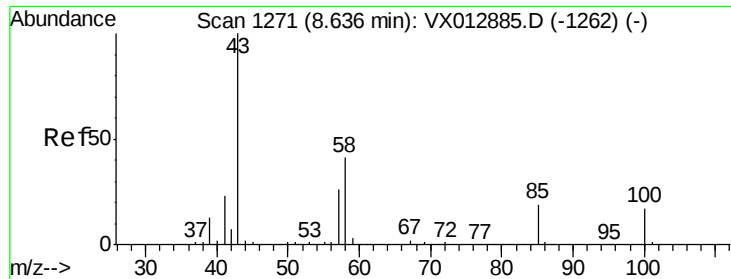
100 66.8 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

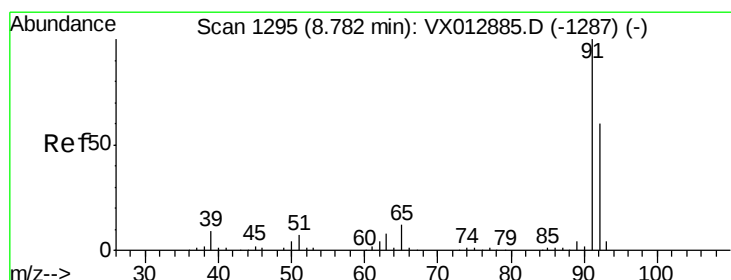
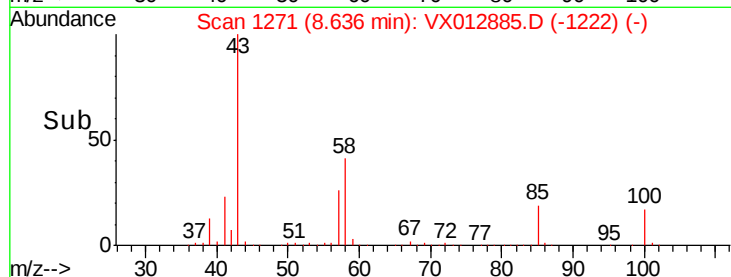
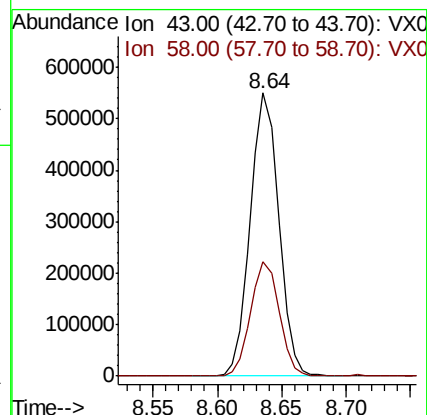
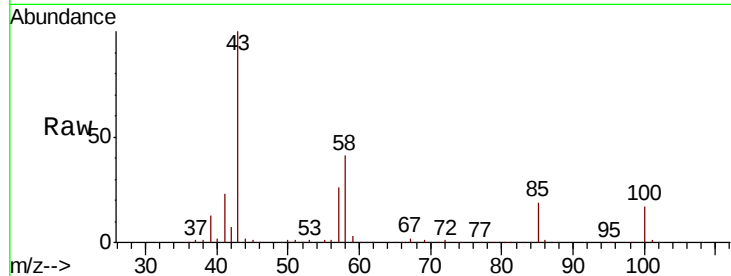




#51
4-Methyl-2-Pentanone
Concen: 229.102 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

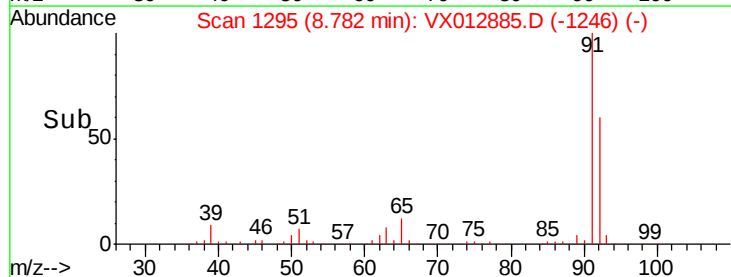
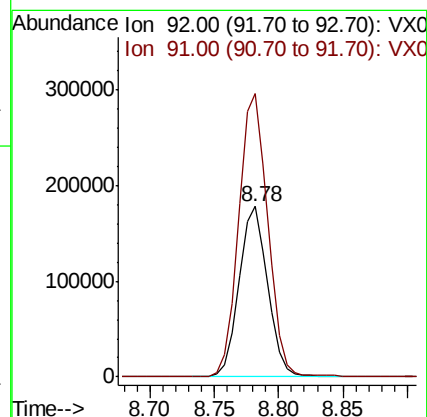
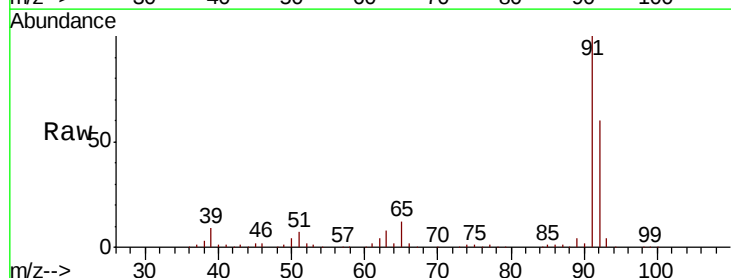
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

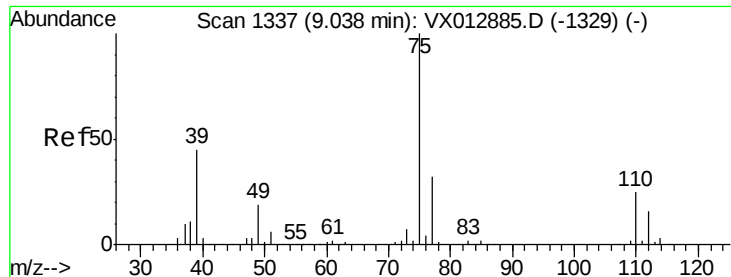
Tot Ion: 43 Resp: 840185
Ion Ratio Lower Upper
43 100
58 40.5 32.4 48.6



#52
Toluene
Concen: 48.338 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 92 Resp: 274757
Ion Ratio Lower Upper
92 100
91 169.9 135.9 203.9

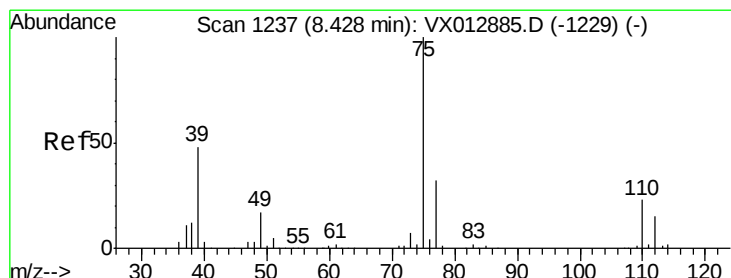
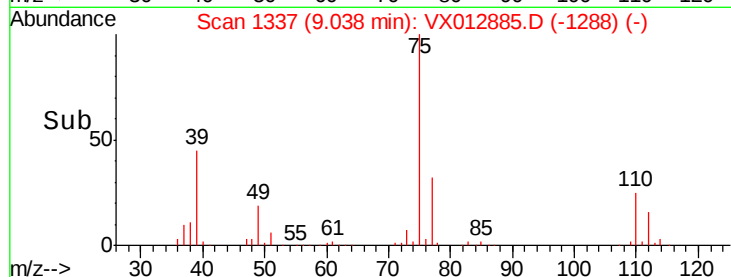
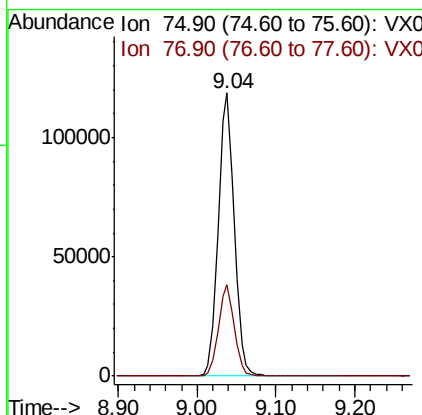
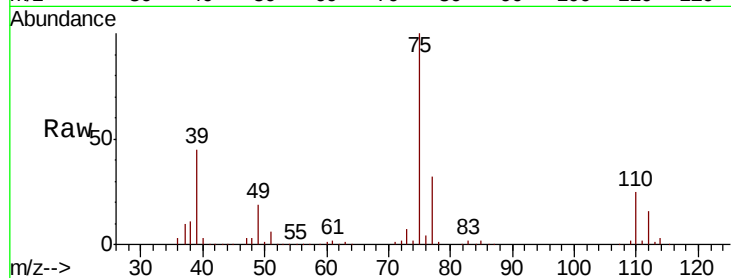




#53
 t-1,3-Dichloropropene
 Concen: 48.416 ug/l
 RT: 9.04 min Scan# 1337
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

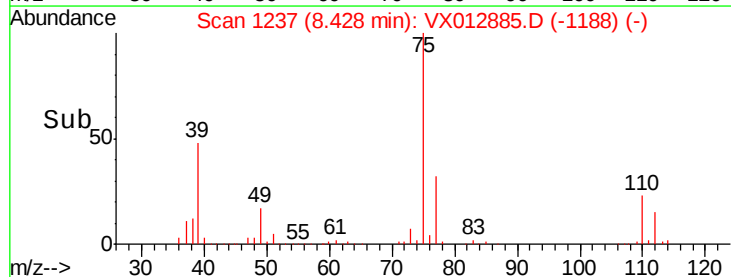
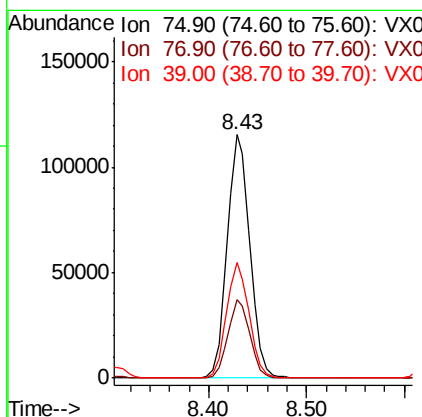
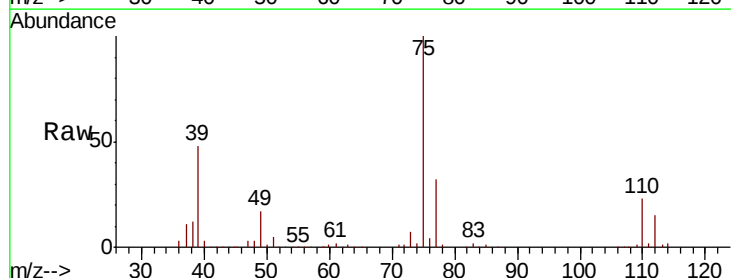
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

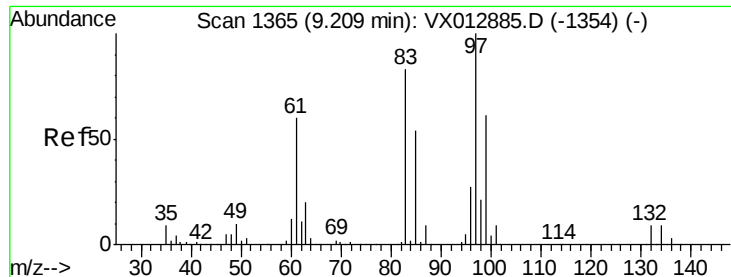
Tot Ion: 75 Resp: 167927
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.8 38.6



#54
 cis-1,3-Dichloropropene
 Concen: 48.521 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 75 Resp: 184011
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.8 38.8
 39 47.7 38.2 57.2

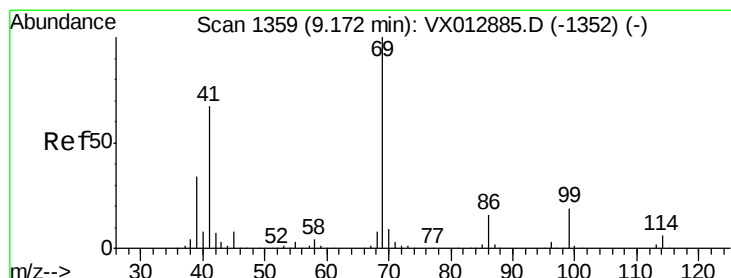
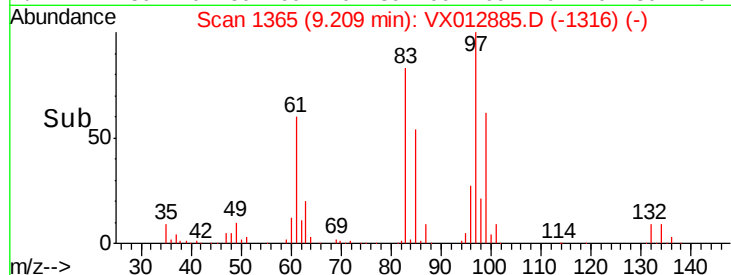
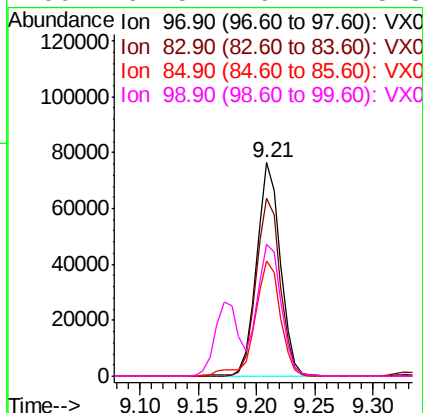
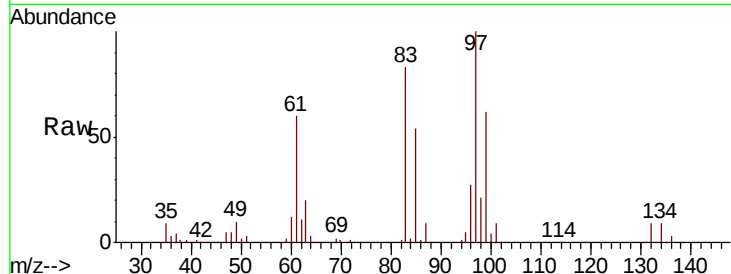




#55
 1,1,2-Trichloroethane
 Concen: 48.304 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

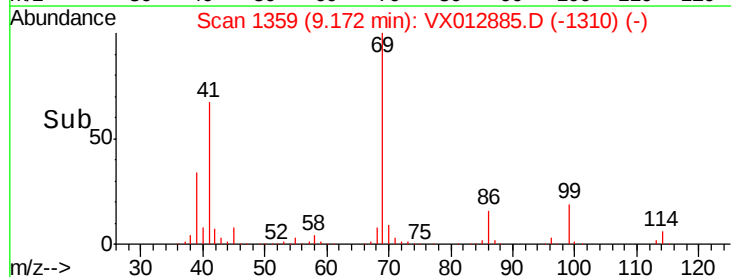
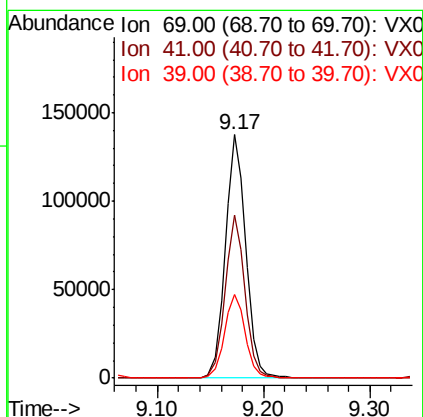
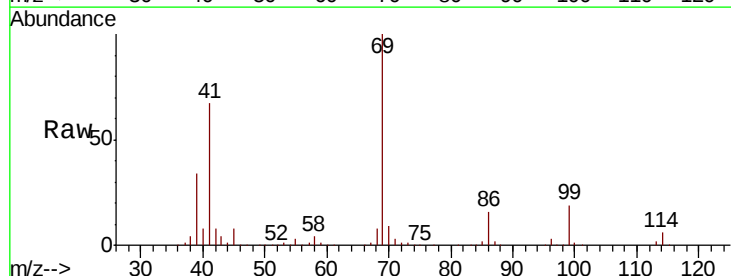
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

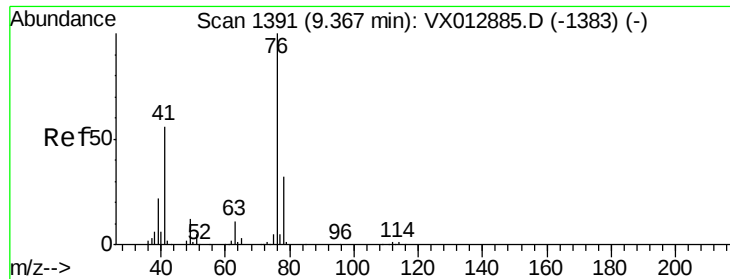
Tot Ion:	97	Resp:	109136
Ion	Ratio	Lower	Upper
97	100		
83	83.1	66.5	99.7
85	53.9	43.1	64.7
99	61.5	49.2	73.8



#56
 Ethyl methacrylate
 Concen: 48.869 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion:	69	Resp:	184991
Ion	Ratio	Lower	Upper
69	100		
41	65.1	52.1	78.1
39	34.8	27.8	41.8





#57

1,3-Dichloropropane

Concen: 47.611 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

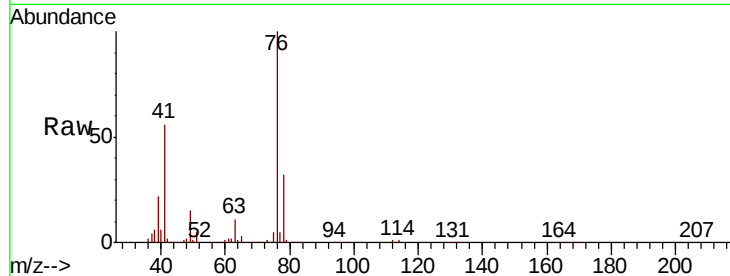
VSTDICCC050

Tot Ion: 76 Resp: 188140

Ion Ratio Lower Upper

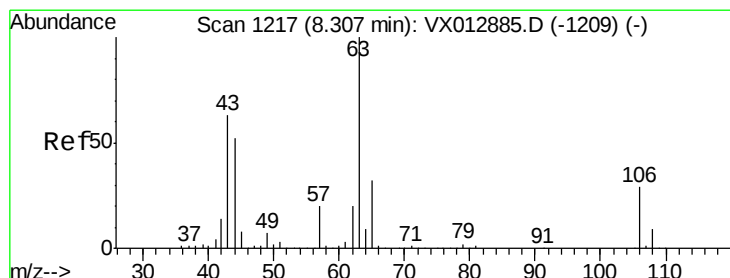
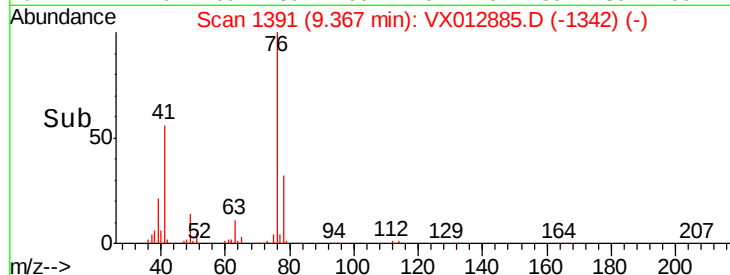
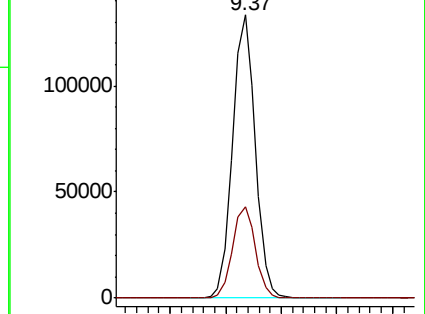
76 100

78 32.6 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: 248.156 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012885.D

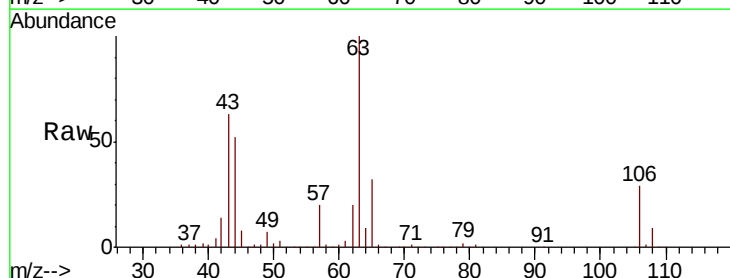
Acq: 08 Oct 2019 12:14

Tgt Ion: 63 Resp: 418955

Ion Ratio Lower Upper

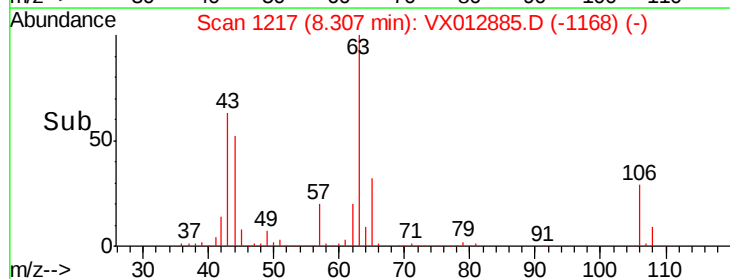
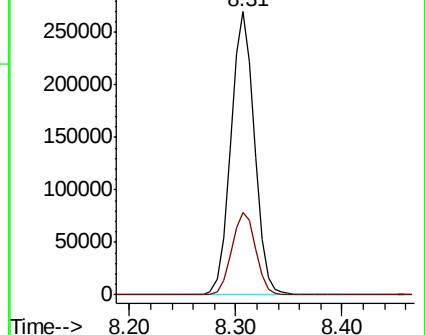
63 100

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

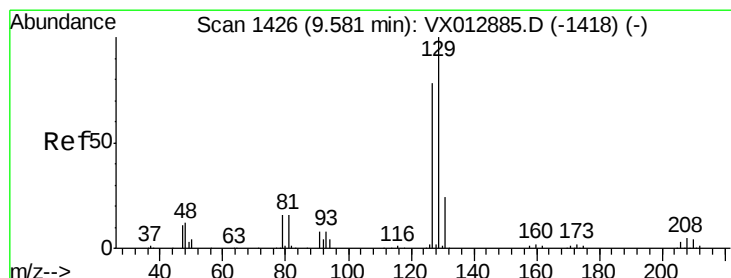
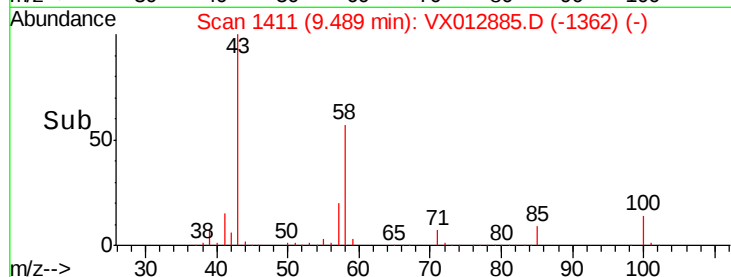
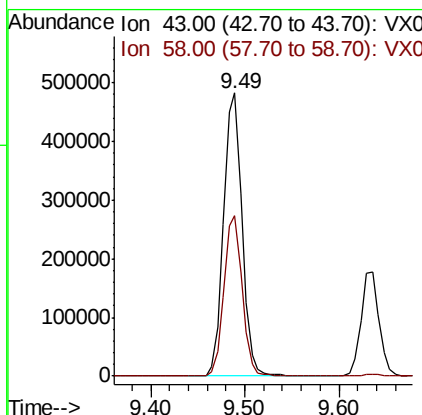
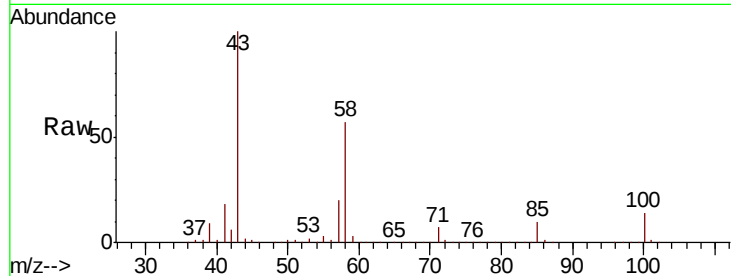




#59
2-Hexanone
Concen: 234.467 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

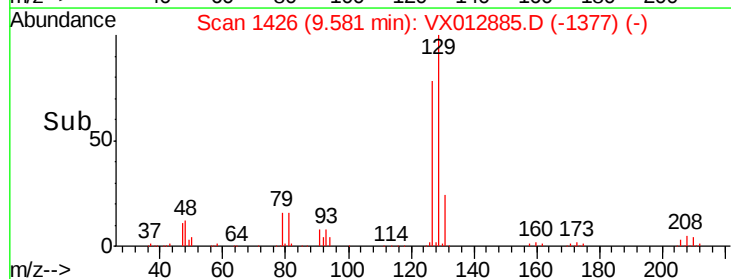
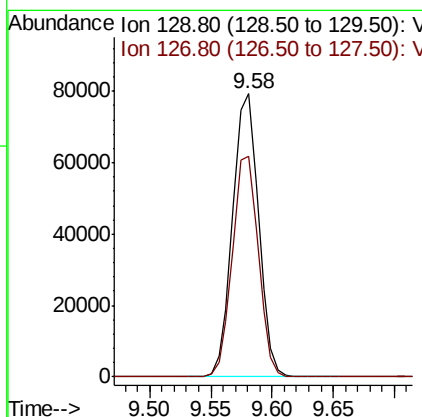
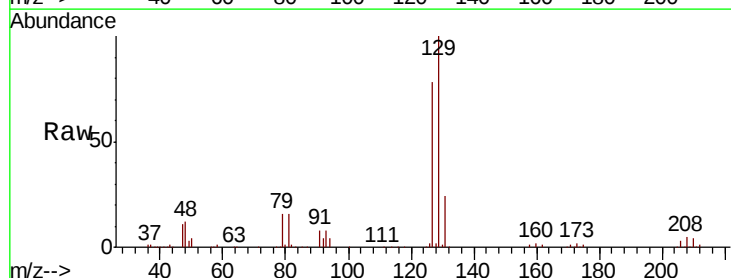
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

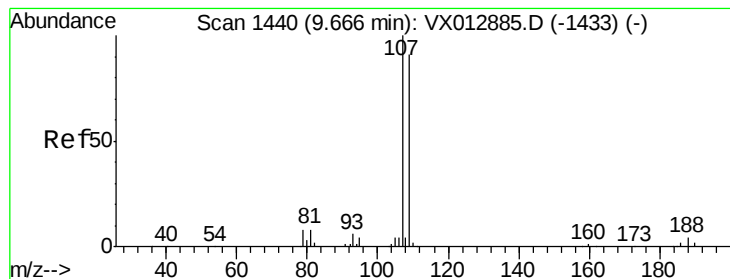
Tot Ion: 43 Resp: 656818
Ion Ratio Lower Upper
43 100
58 56.2 28.1 84.3



#60
Dibromochloromethane
Concen: 50.774 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 129 Resp: 116237
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.109 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

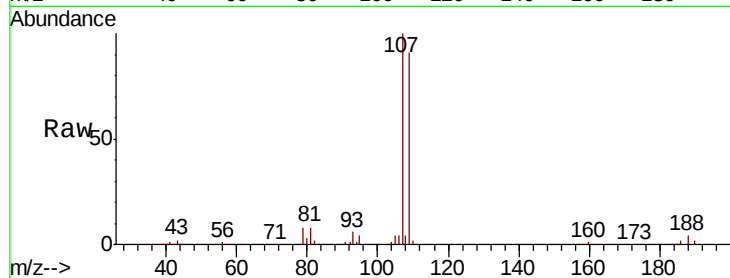
VSTDICCC050

Tot Ion: 107 Resp: 115485

Ion Ratio Lower Upper

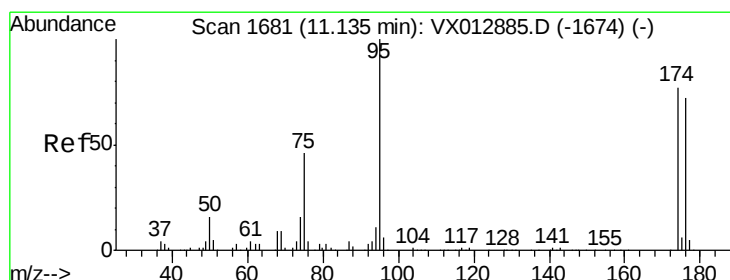
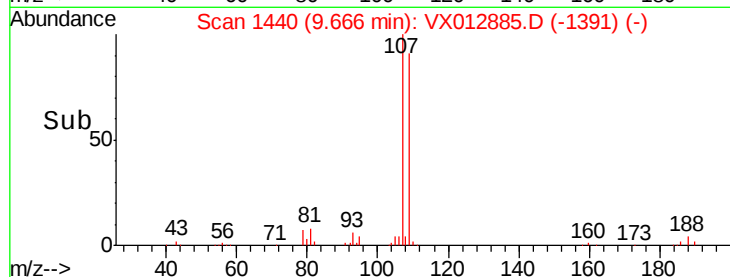
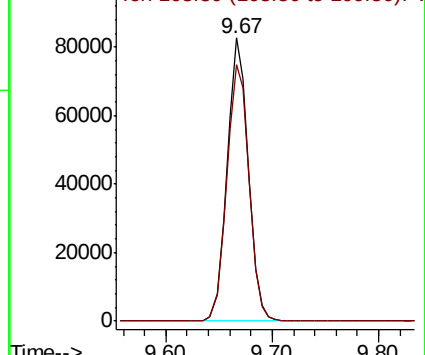
107 100

109 94.7 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: 48.833 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

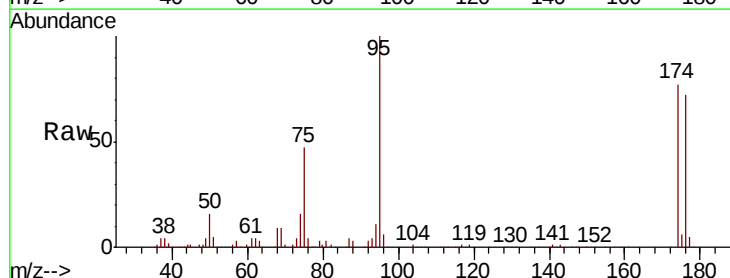
Tgt Ion: 95 Resp: 141308

Ion Ratio Lower Upper

95 100

174 71.7 0.0 143.4

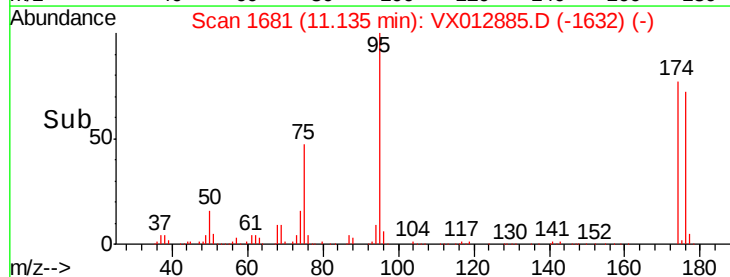
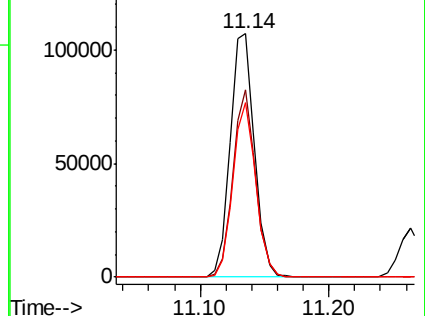
176 68.0 0.0 136.0

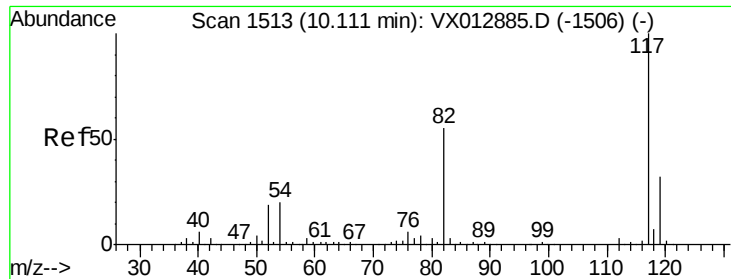


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

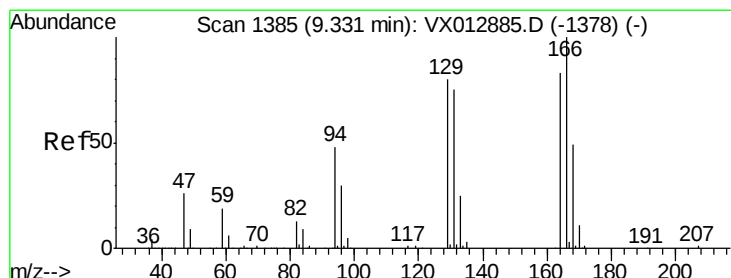
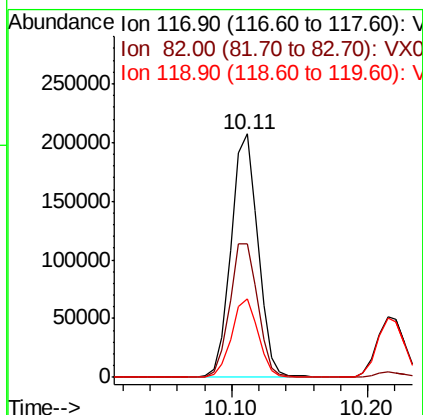
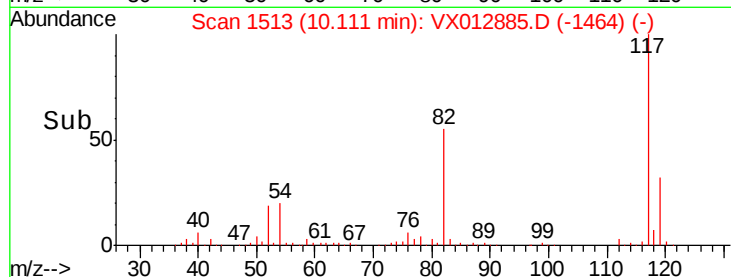
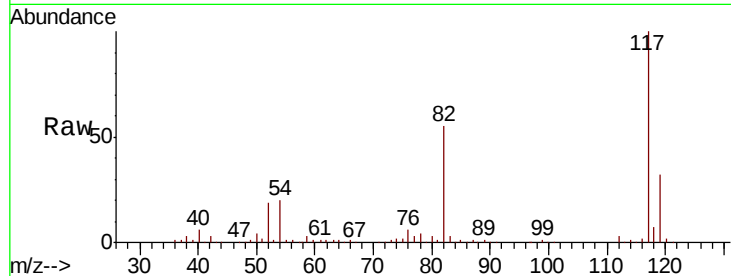




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

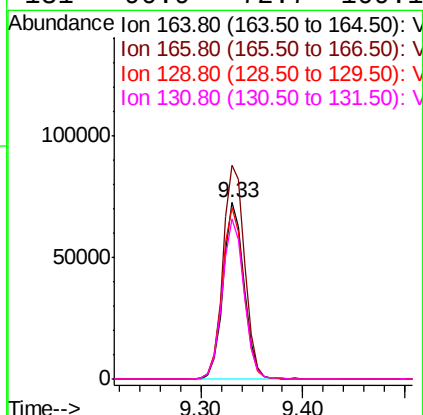
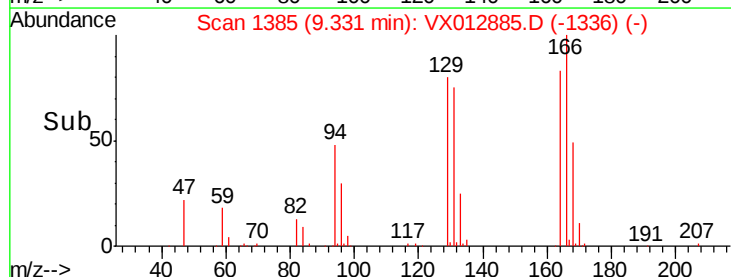
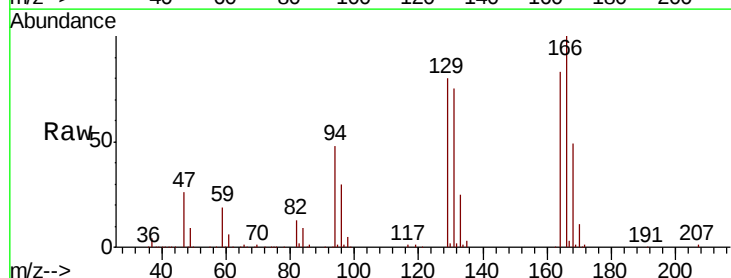
Instrument :
MSVOA_X
ClientSampled :
VSTDICCC050

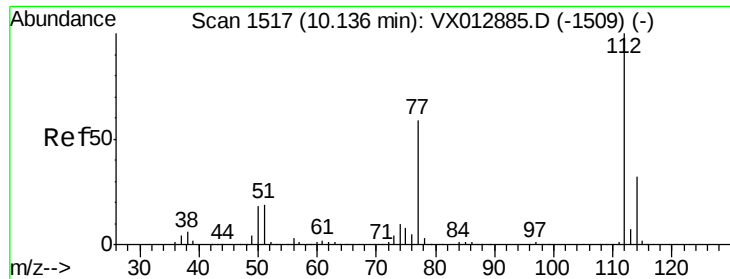
Tot Ion:117 Resp: 285444
Ion Ratio Lower Upper
117 100
82 55.1 44.1 66.1
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 51.040 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion:164 Resp: 103003
Ion Ratio Lower Upper
164 100
166 121.1 96.9 145.3
129 97.4 77.9 116.9
131 90.9 72.7 109.1





#65

Chlorobenzene

Concen: 48.394 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

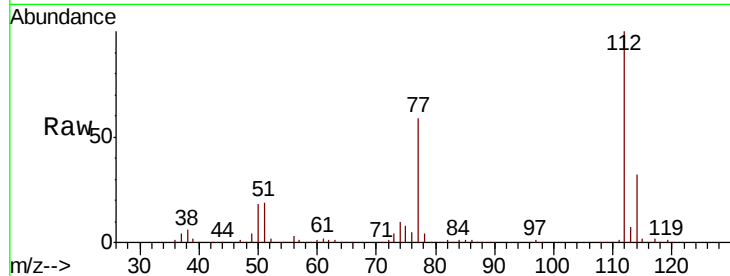
VSTDICCC050

Tot Ion:112 Resp: 291634

Ion Ratio Lower Upper

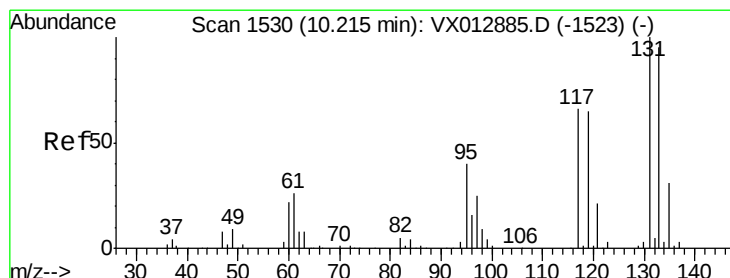
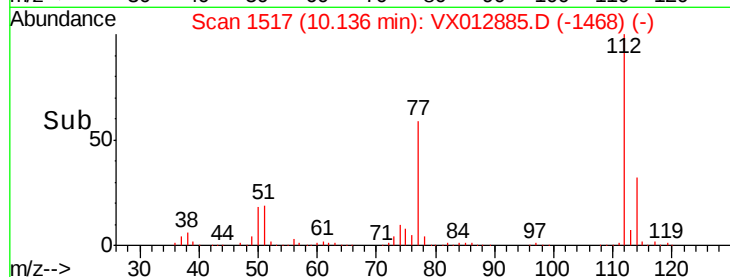
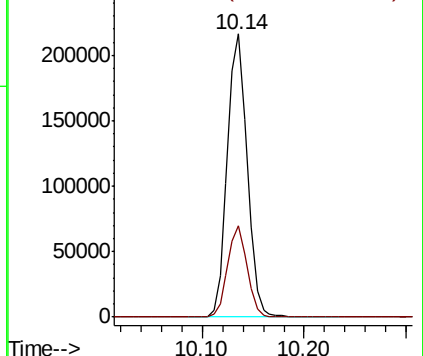
112 100

114 32.1 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 49.292 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

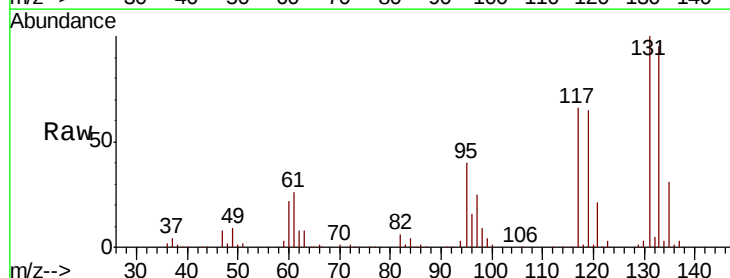
Tgt Ion:131 Resp: 107597

Ion Ratio Lower Upper

131 100

133 94.4 47.2 141.6

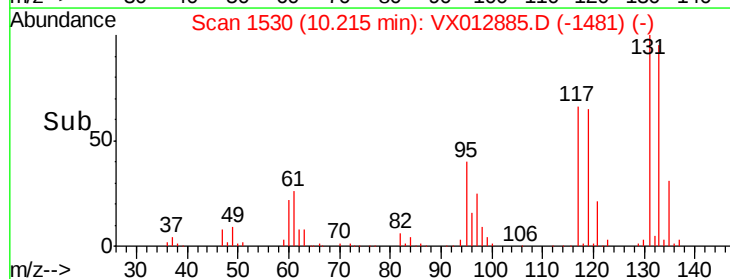
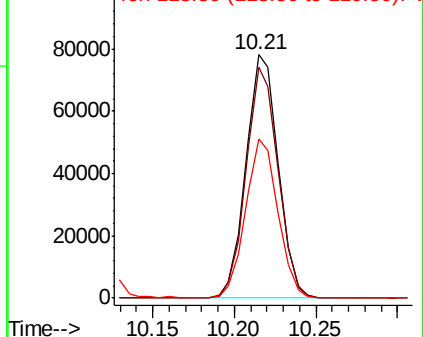
119 65.3 32.6 98.0

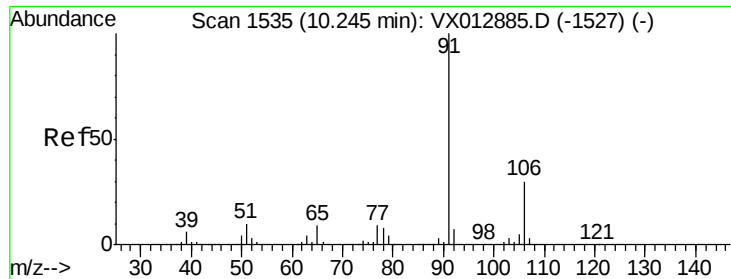


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

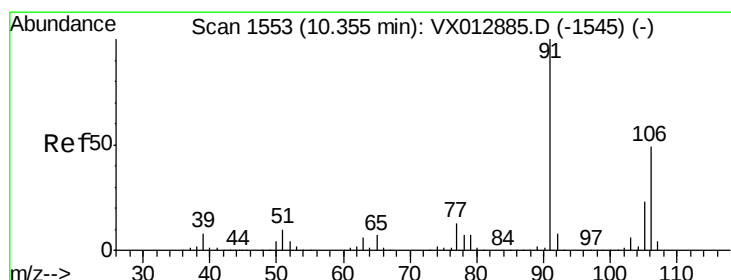
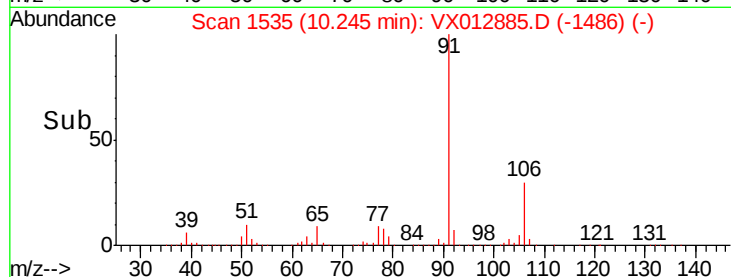
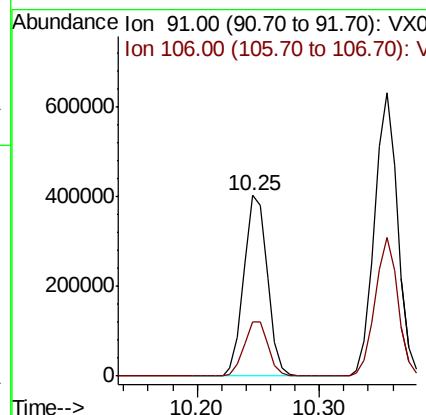
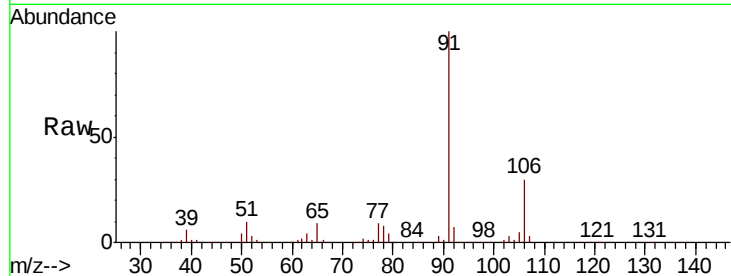




#67
Ethyl Benzene
Concen: 49.072 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

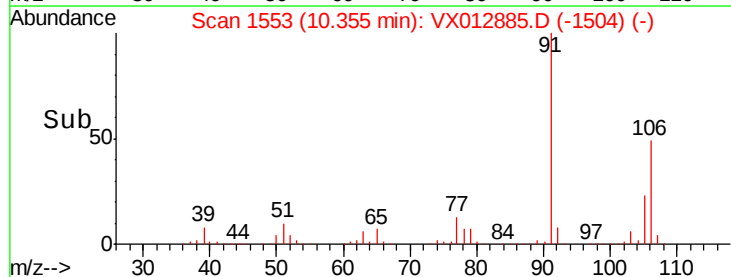
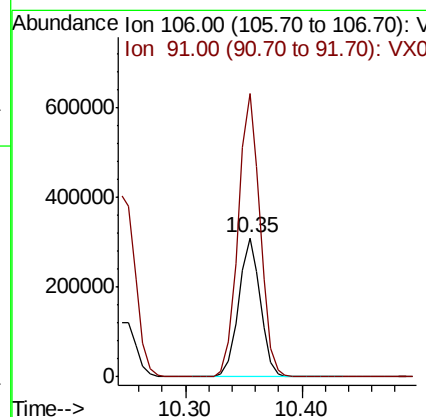
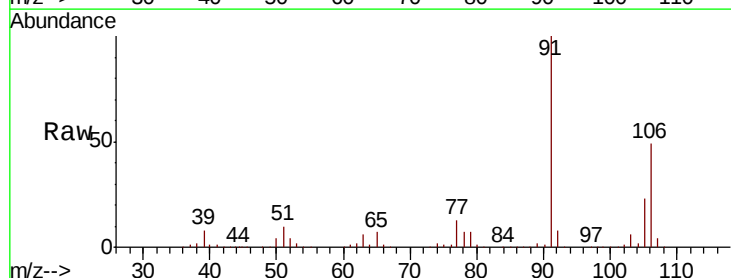
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

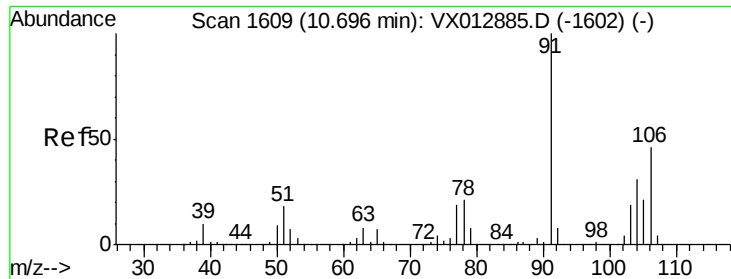
Tot Ion: 91 Resp: 536157
Ion Ratio Lower Upper
91 100
106 29.9 23.9 35.9



#68
m/p-Xylenes
Concen: 98.006 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 106 Resp: 400788
Ion Ratio Lower Upper
106 100
91 206.6 165.3 247.9

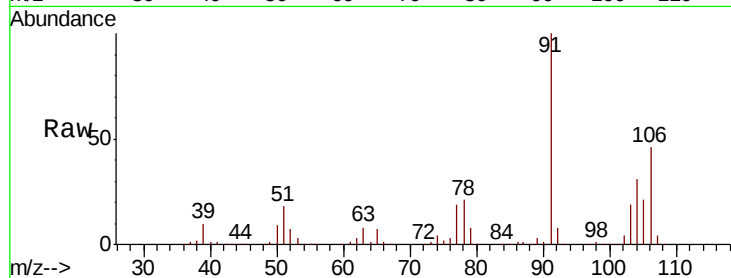




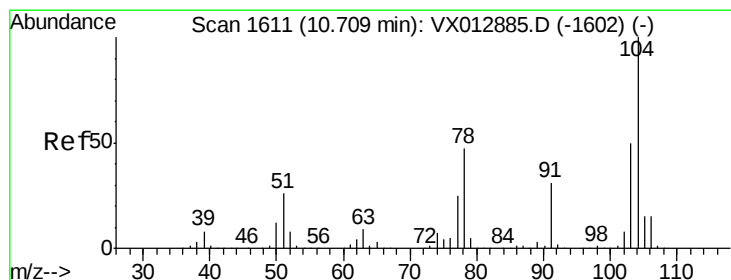
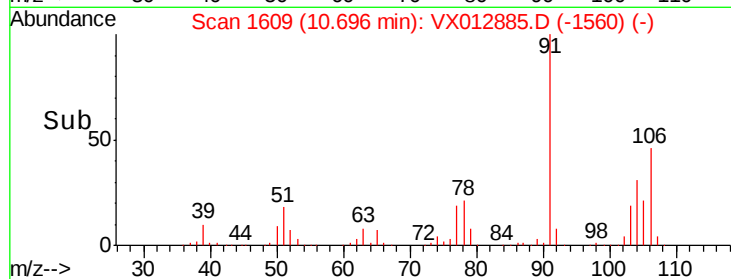
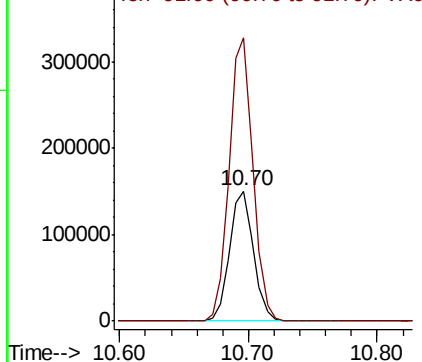
#69
o-Xylene
Concen: 49.152 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:106 Resp: 194785
Ion Ratio Lower Upper
106 100
91 218.2 109.1 327.3

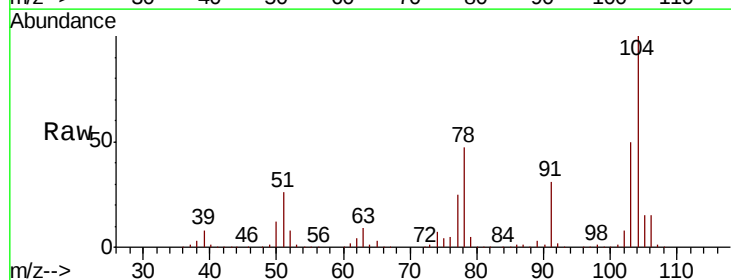


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

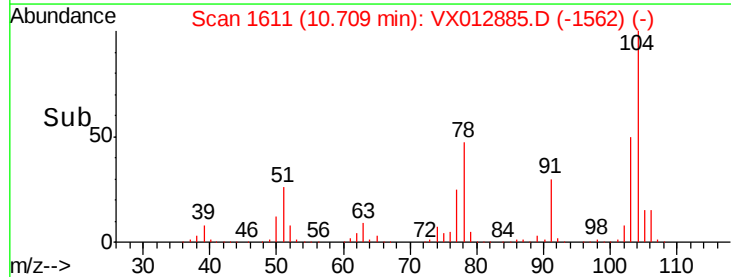
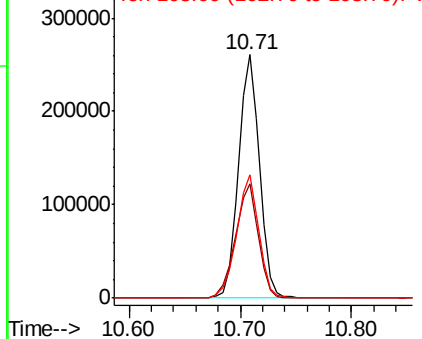


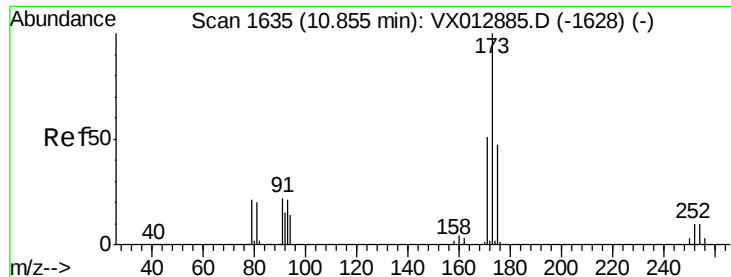
#70
Styrene
Concen: 50.865 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion:104 Resp: 338238
Ion Ratio Lower Upper
104 100
78 51.5 41.2 61.8
103 53.7 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: 52.507 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

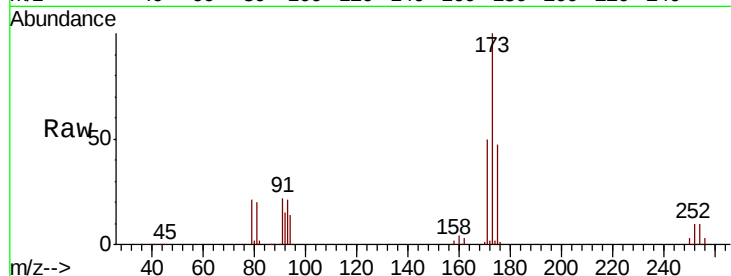
Tot Ion:173 Resp: 80284

Ion Ratio Lower Upper

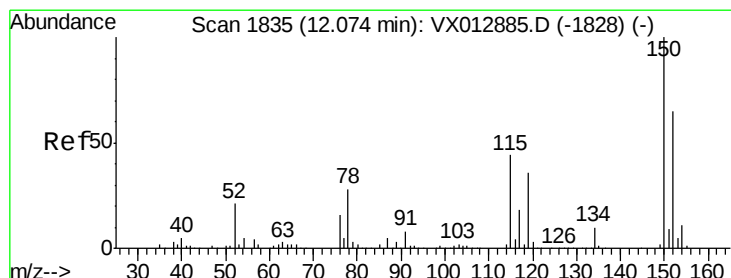
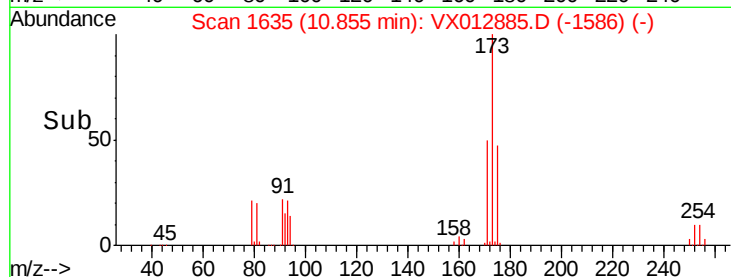
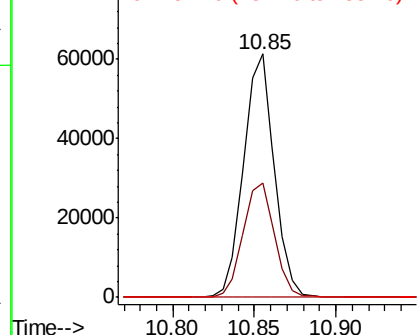
173 100

175 48.2 24.1 72.3

254 0.1 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: VX012885.D

Acq: 08 Oct 2019 12:14

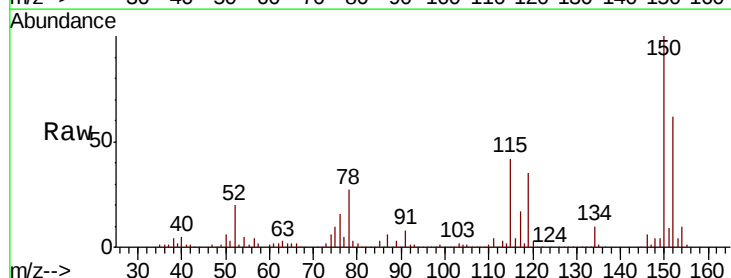
Tgt Ion:152 Resp: 132793

Ion Ratio Lower Upper

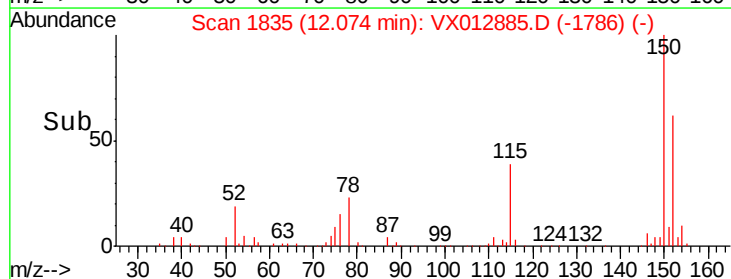
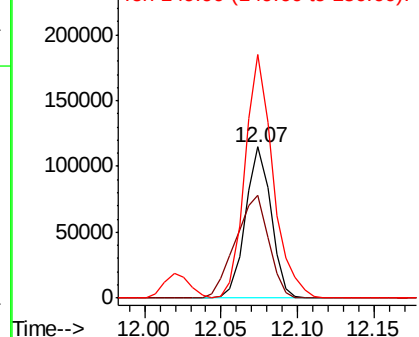
152 100

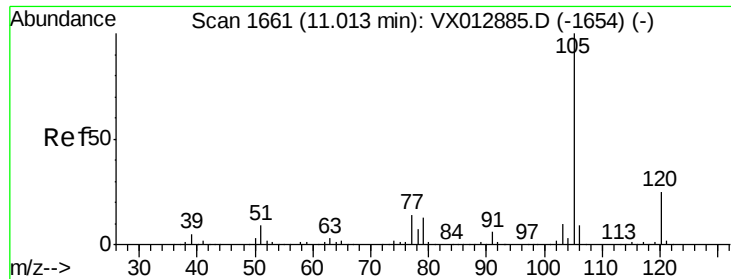
115 89.0 44.5 133.5

150 176.7 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: 47.847 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

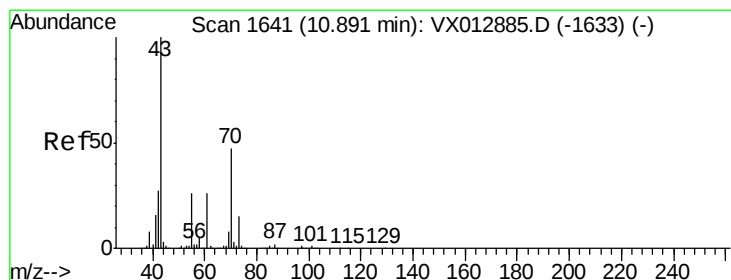
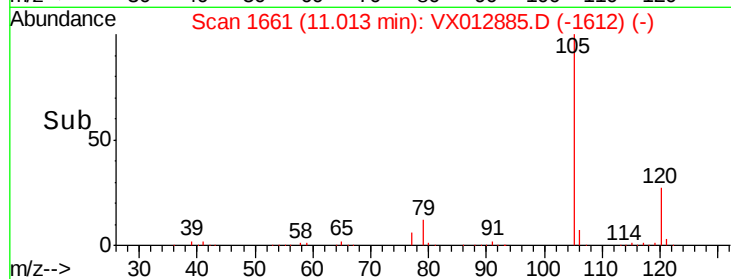
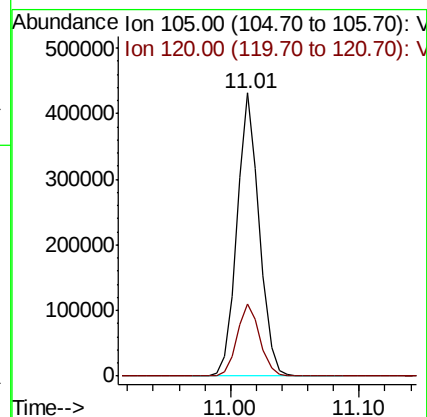
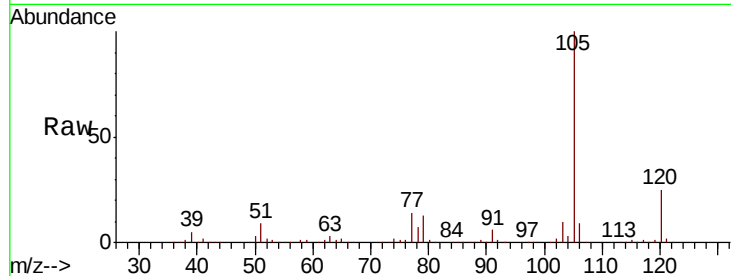
VSTDICCC050

Tot Ion:105 Resp: 517837

Ion Ratio Lower Upper

105 100

120 26.0 13.0 39.0



#74

N-ethyl acetate

Concen: 45.388 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Tgt Ion: 43 Resp: 230508

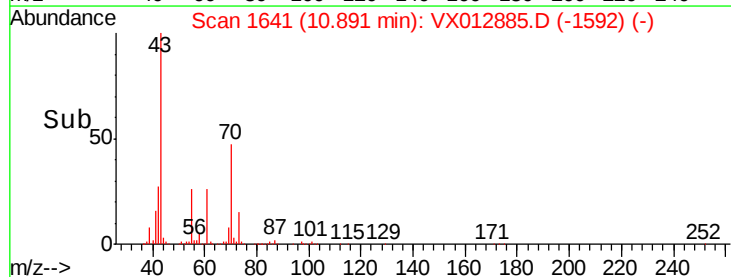
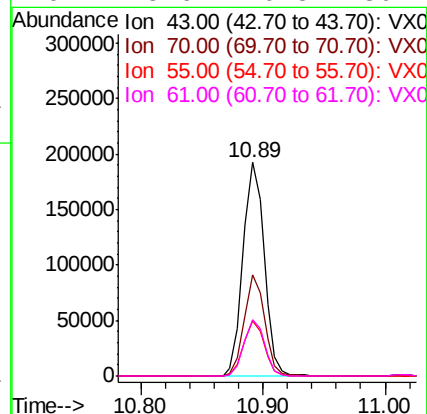
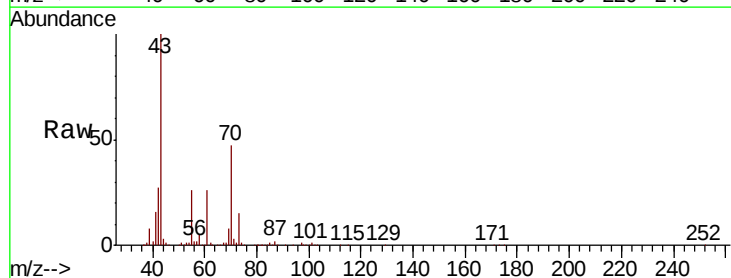
Ion Ratio Lower Upper

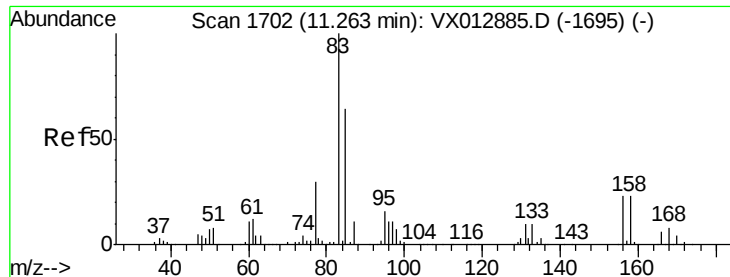
43 100

70 45.5 36.4 54.6

55 25.2 20.2 30.2

61 25.6 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 46.791 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

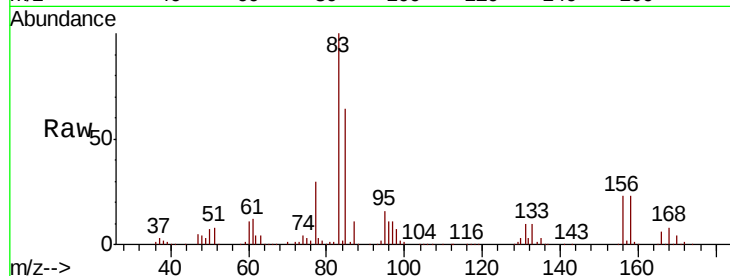
Tot Ion: 83 Resp: 166740

Ion	Ratio	Lower	Upper
83	100		
131	10.2	5.1	15.3
85	64.3	32.1	96.5

83 100

131 10.2 5.1 15.3

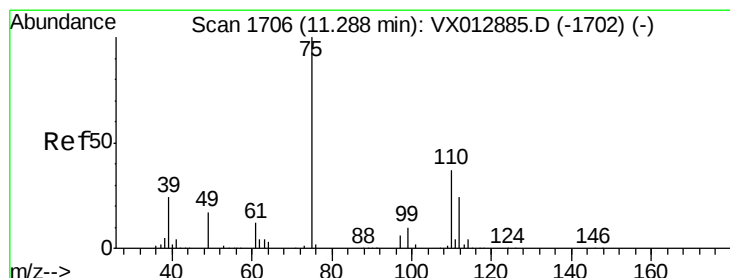
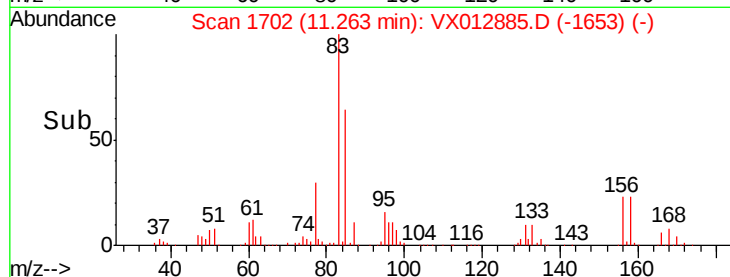
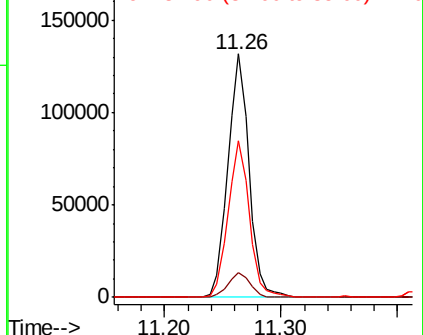
85 64.3 32.1 96.5



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: 57.707 ug/l

RT: 11.29 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX012885.D

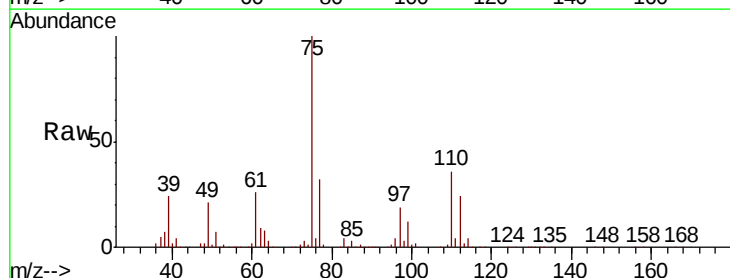
Acq: 08 Oct 2019 12:14

Tgt Ion: 75 Resp: 196034

Ion	Ratio	Lower	Upper
75	100		
77	32.1	22.9	68.8

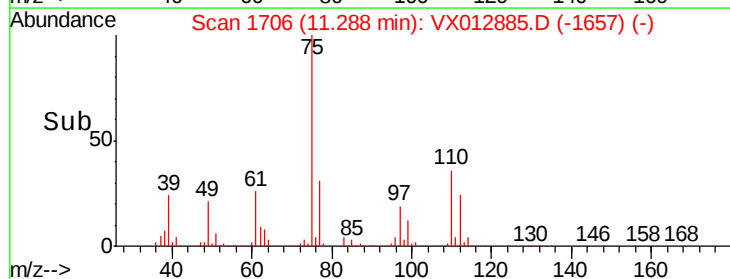
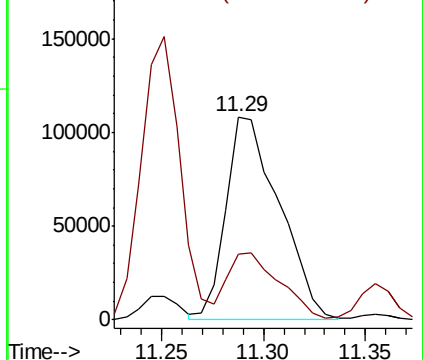
75 100

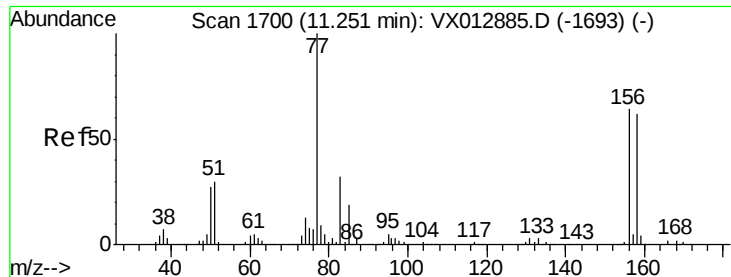
77 32.1 22.9 68.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.670 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

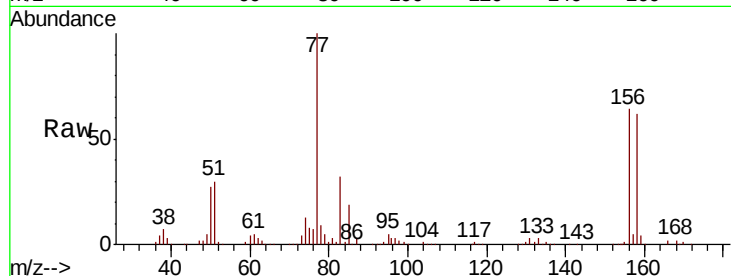
Tot Ion:156 Resp: 119648

Ion Ratio Lower Upper

156 100

77 167.3 83.7 251.0

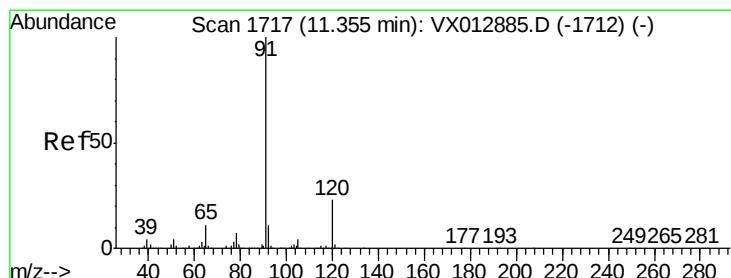
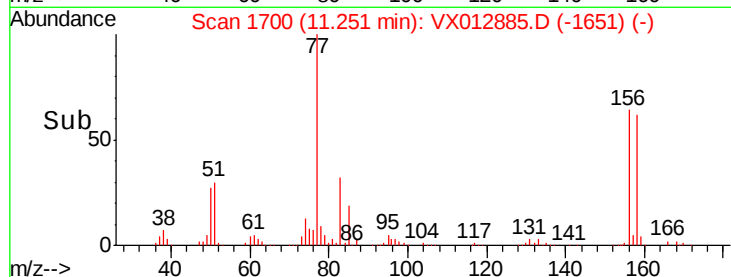
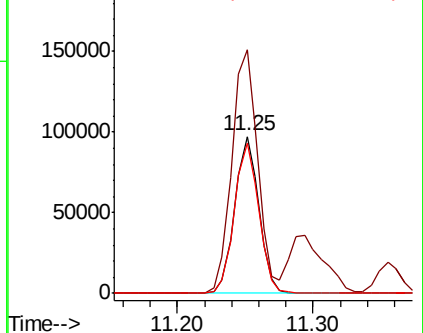
158 97.3 48.6 145.9



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: 46.545 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX012885.D

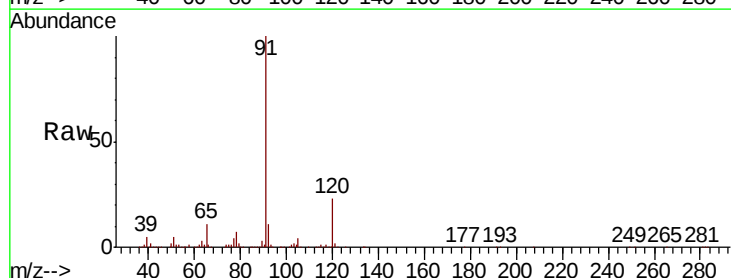
Acq: 08 Oct 2019 12:14

Tgt Ion: 91 Resp: 564173

Ion Ratio Lower Upper

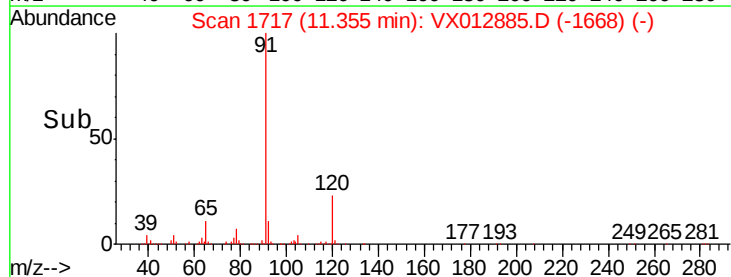
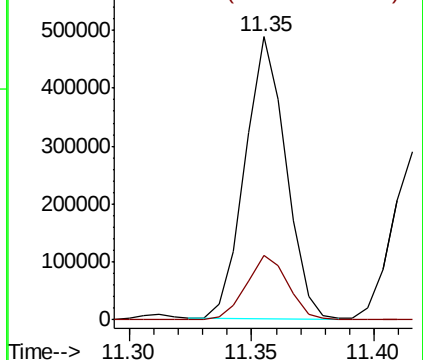
91 100

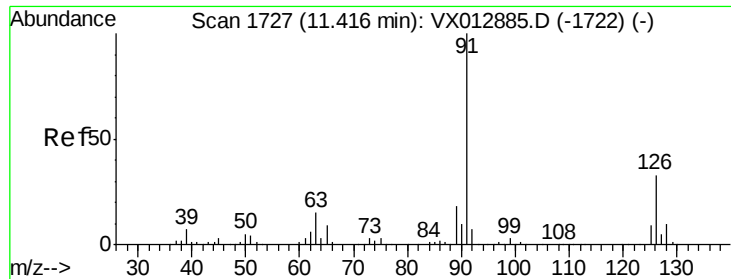
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

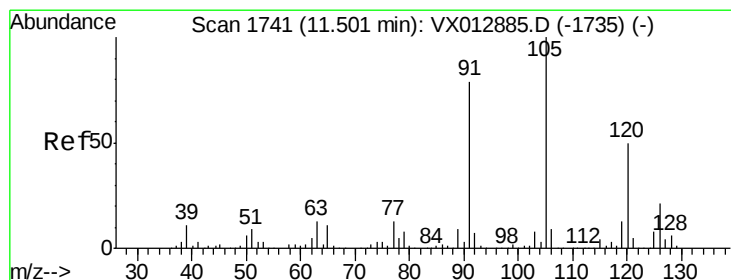
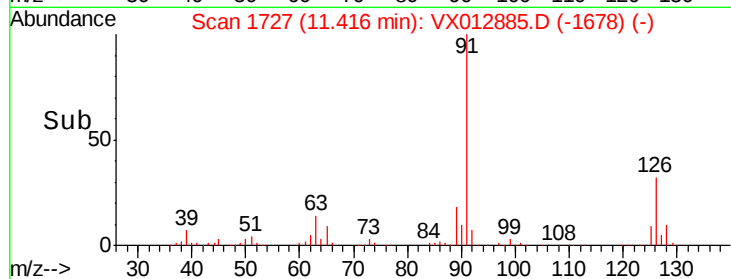
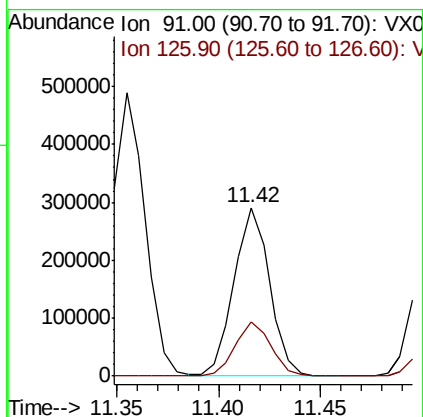
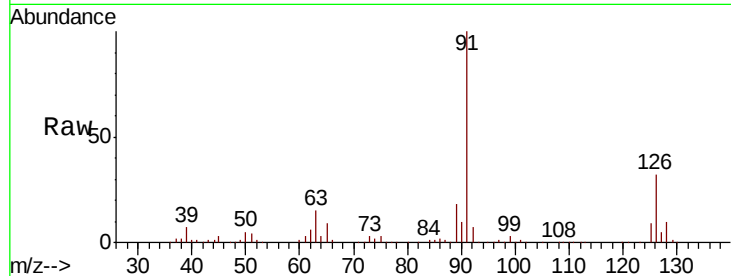




#79
 2-Chlorotoluene
 Concen: 46.304 ug/l
 RT: 11.42 min Scan# 1727
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

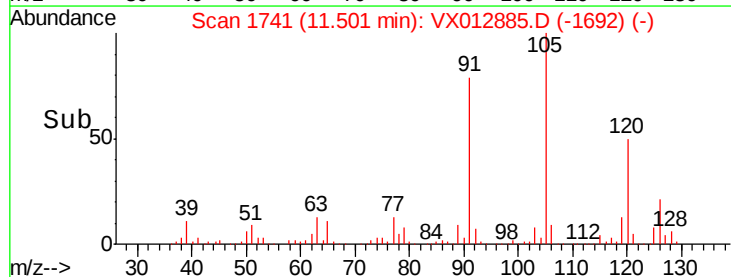
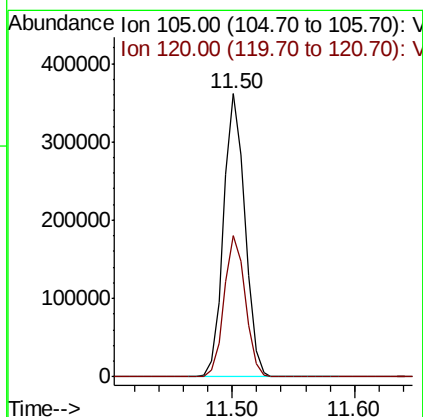
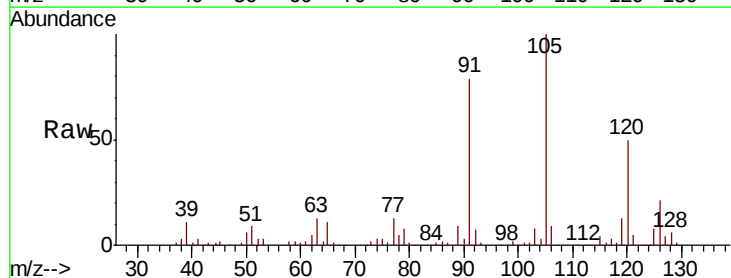
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

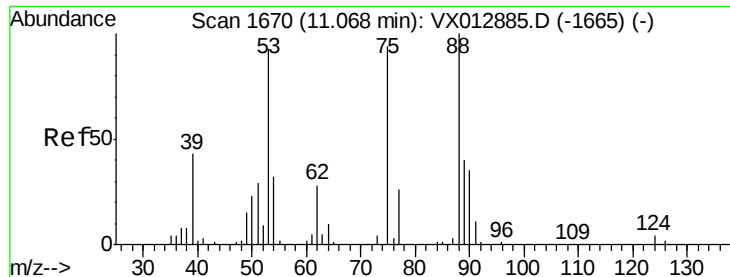
Tot Ion: 91 Resp: 350906
 Ion Ratio Lower Upper
 91 100
 126 32.5 16.3 48.8



#80
 1,3,5-Trimethylbenzene
 Concen: 48.088 ug/l
 RT: 11.50 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion: 105 Resp: 436144
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.462 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

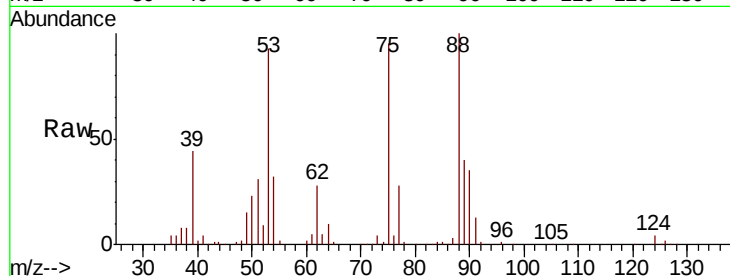
Tot Ion: 75 Resp: 56041

Ion Ratio Lower Upper

75 100

53 98.1 78.5 117.7

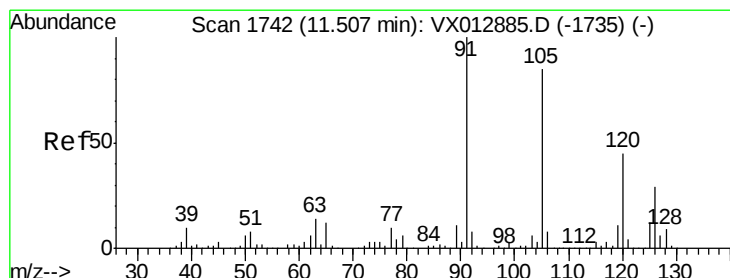
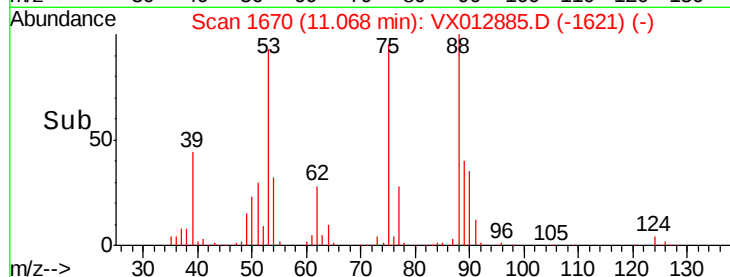
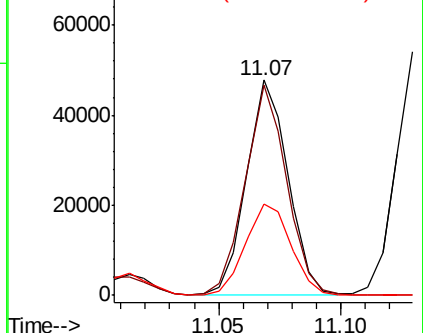
89 46.8 37.4 56.2



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: 47.447 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012885.D

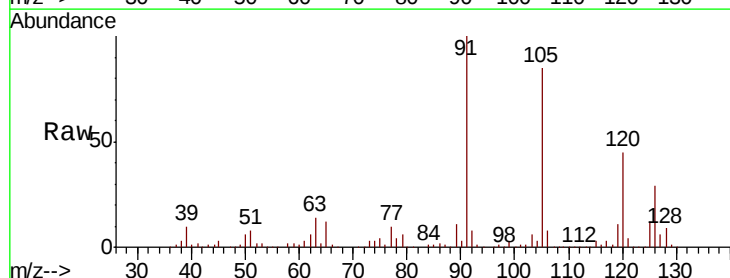
Acq: 08 Oct 2019 12:14

Tgt Ion: 91 Resp: 410182

Ion Ratio Lower Upper

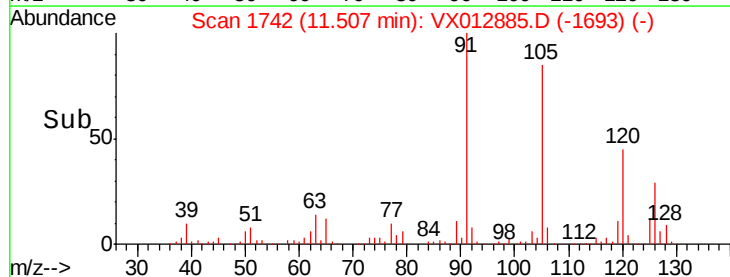
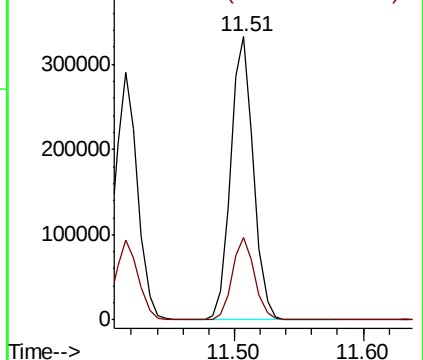
91 100

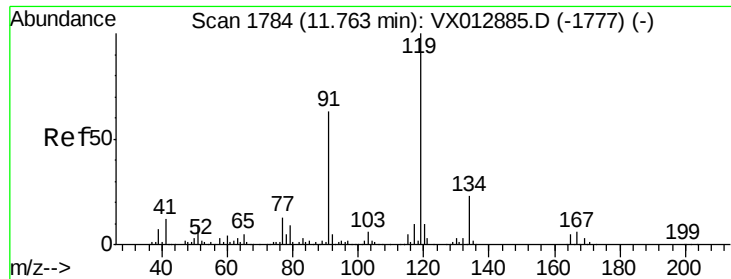
126 28.4 14.2 42.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

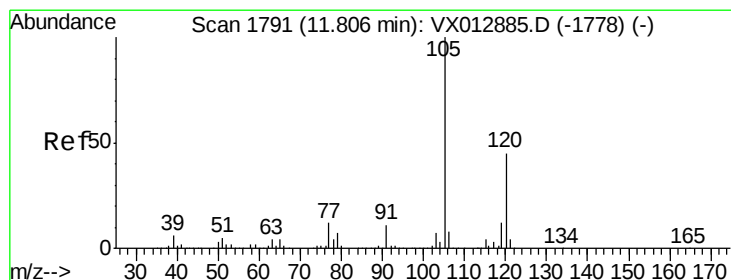
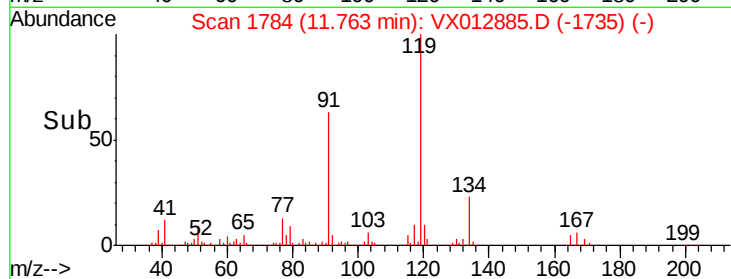
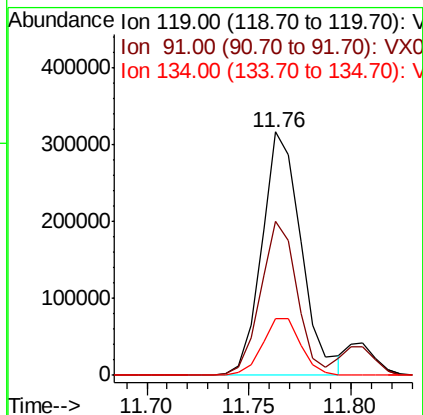
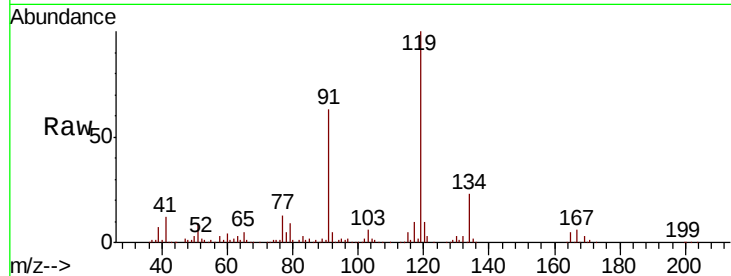




#83
tert-Butylbenzene
Concen: 48.452 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

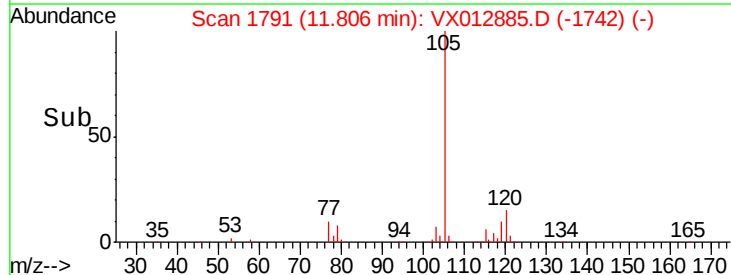
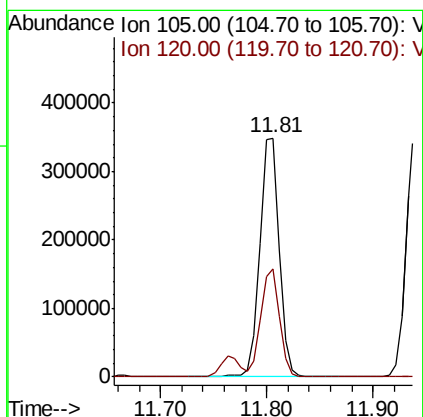
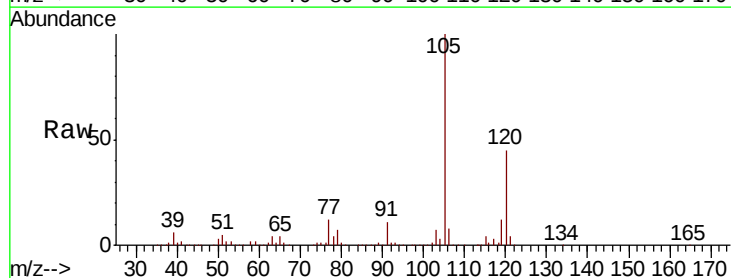
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

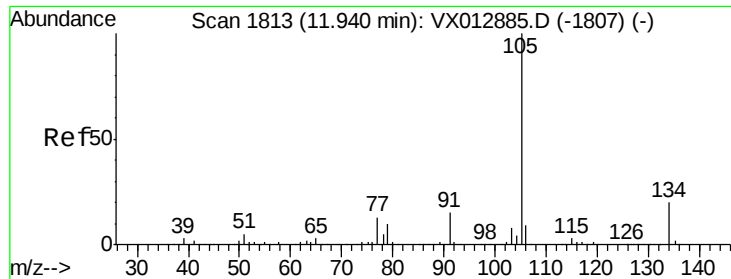
Tot Ion:119 Resp: 425658
Ion Ratio Lower Upper
119 100
91 58.6 29.3 87.9
134 22.9 11.5 34.4



#84
1,2,4-Trimethylbenzene
Concen: 48.720 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion:105 Resp: 446670
Ion Ratio Lower Upper
105 100
120 43.5 21.8 65.3

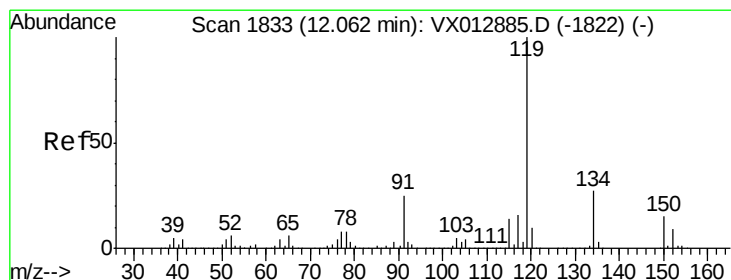
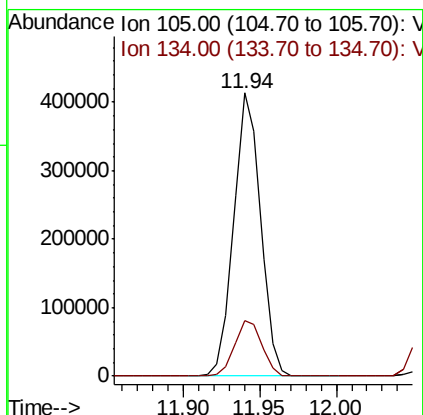
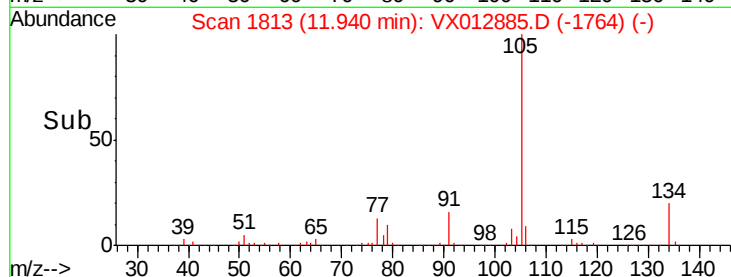
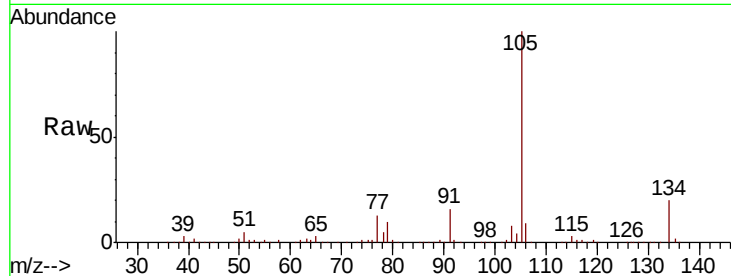




#85
 sec-Butylbenzene
 Concen: 49.165 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

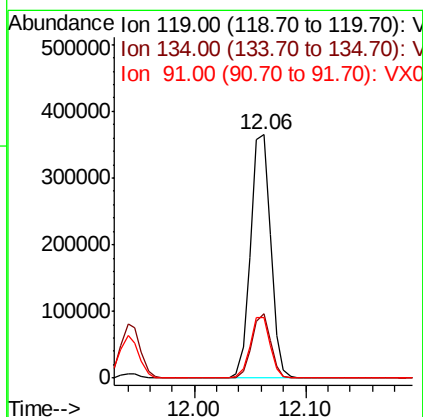
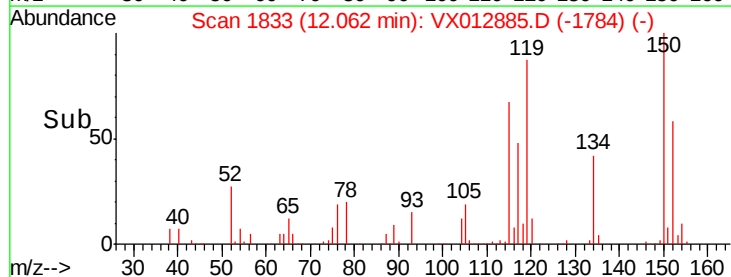
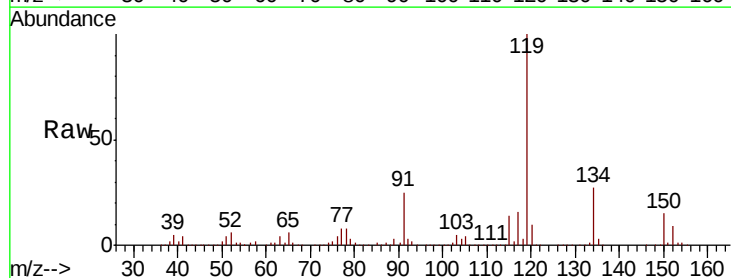
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion:105 Resp: 502033
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.0 30.0



#86
 p-Isopropyltoluene
 Concen: 49.803 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion:119 Resp: 458488
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.6 37.8
 91 24.9 12.4 37.4

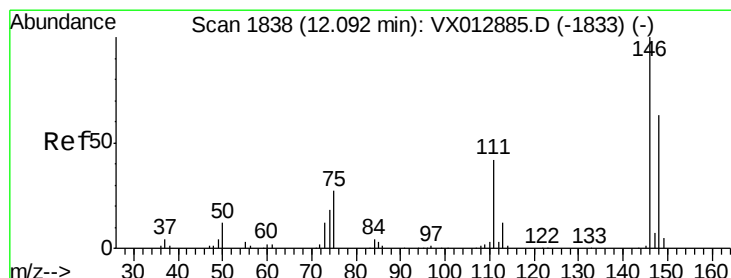
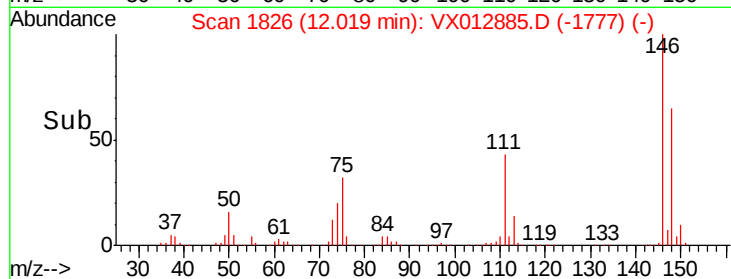
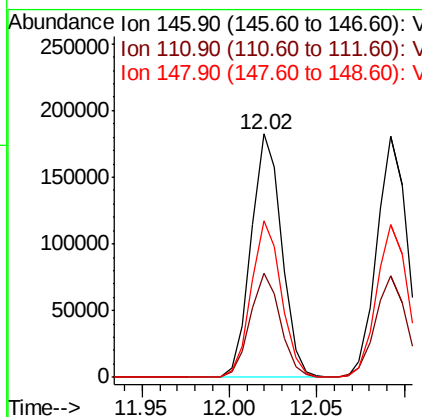
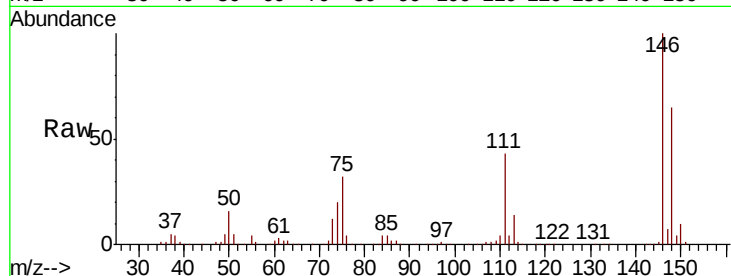




#87
 1,3-Dichlorobenzene
 Concen: 50.044 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

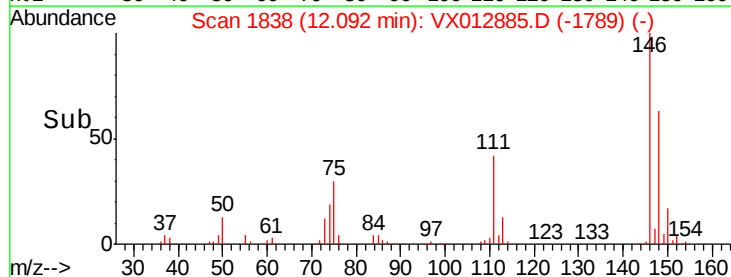
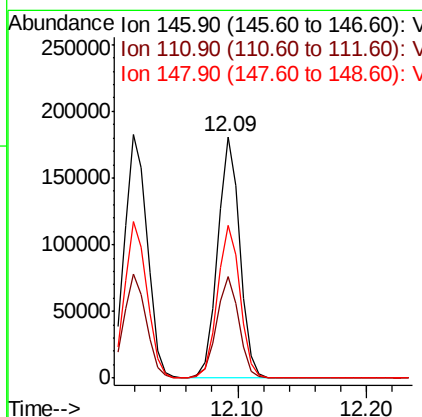
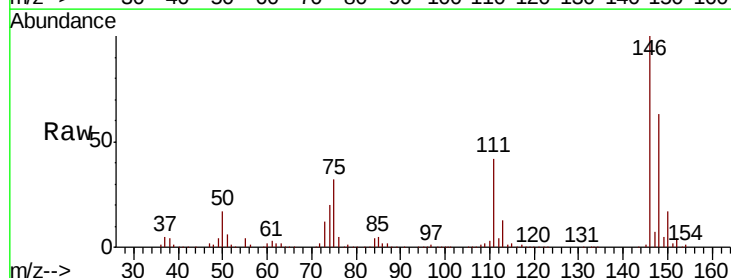
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

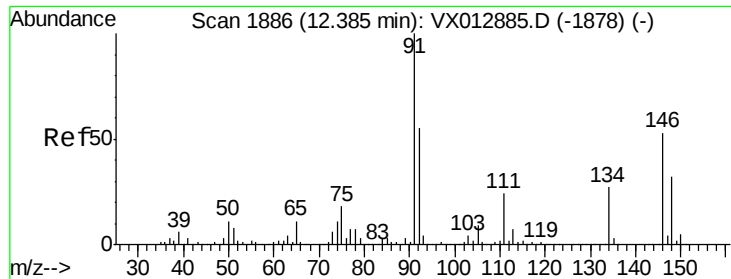
Tot Ion:146 Resp: 222219
 Ion Ratio Lower Upper
 146 100
 111 42.3 21.1 63.4
 148 63.3 31.6 95.0



#88
 1,4-Dichlorobenzene
 Concen: 48.938 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion:146 Resp: 218742
 Ion Ratio Lower Upper
 146 100
 111 42.9 21.4 64.3
 148 64.3 32.1 96.5

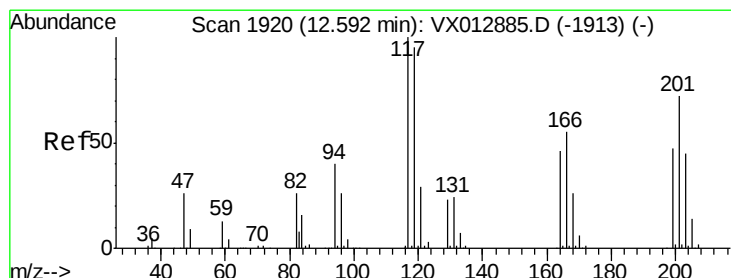
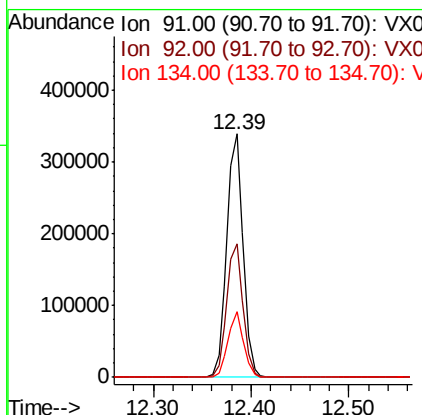
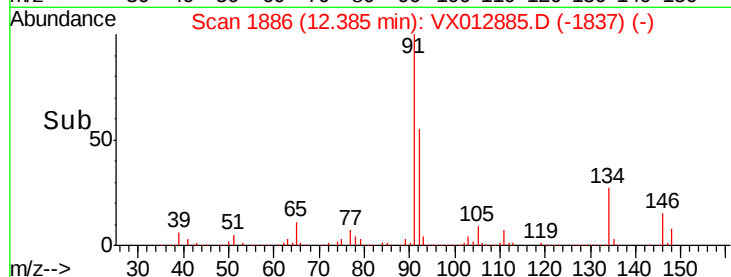
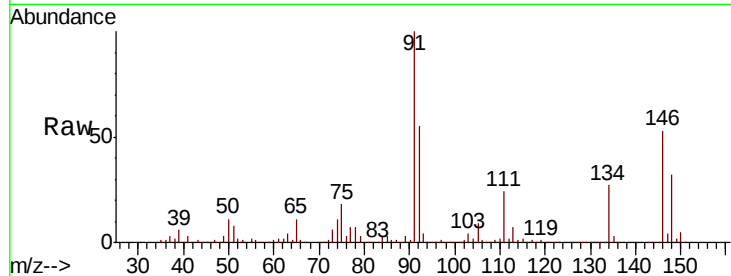




#89
n-Butylbenzene
Concen: 48.489 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

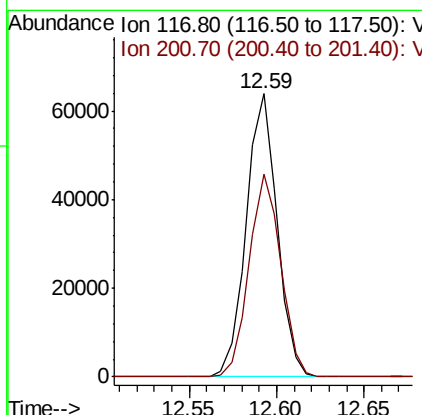
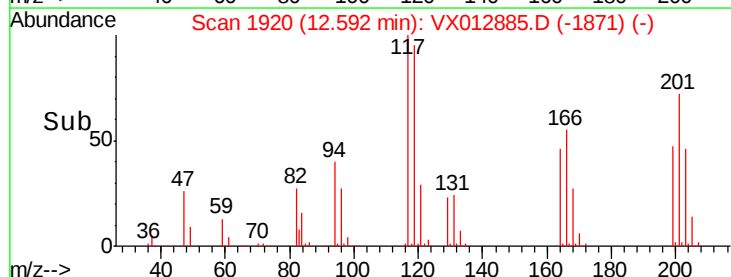
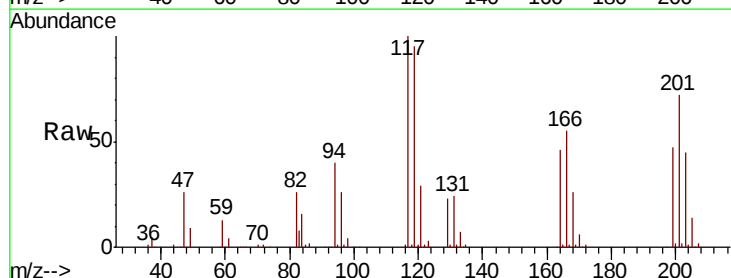
Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

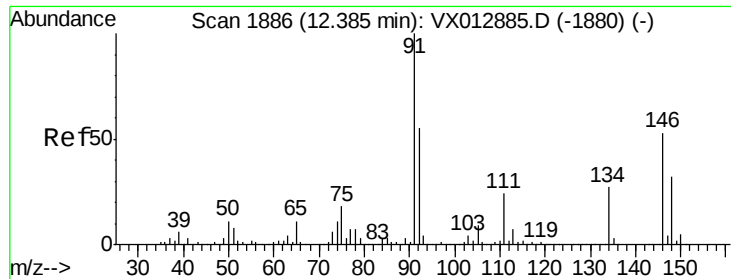
Tot Ion: 91 Resp: 391676
Ion Ratio Lower Upper
91 100
92 55.0 27.5 82.5
134 25.8 12.9 38.7



#90
Hexachloroethane
Concen: 47.889 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion: 117 Resp: 78137
Ion Ratio Lower Upper
117 100
201 73.8 36.9 110.7





#91

1,2-Dichlorobenzene

Concen: 49.240 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC050

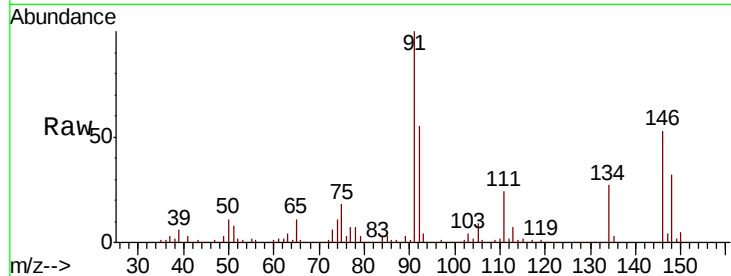
Tot Ion:146 Resp: 217943

Ion Ratio Lower Upper

146 100

111 45.3 22.7 68.0

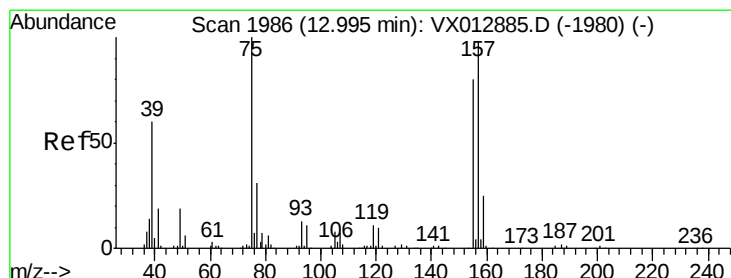
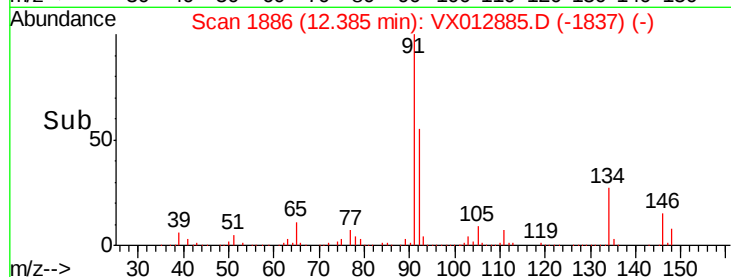
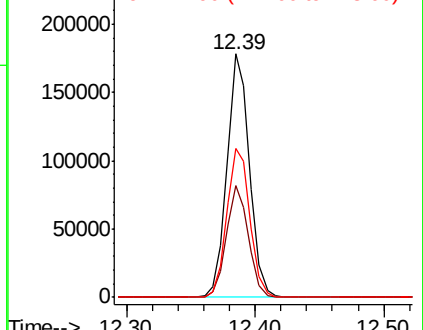
148 63.1 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.073 ug/l

RT: 12.99 min Scan# 1986

Delta R.T. 0.00 min

Lab File: VX012885.D

Acq: 08 Oct 2019 12:14

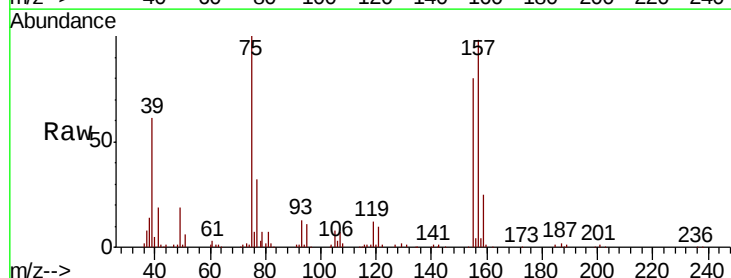
Tgt Ion: 75 Resp: 42500

Ion Ratio Lower Upper

75 100

155 85.9 43.0 128.8

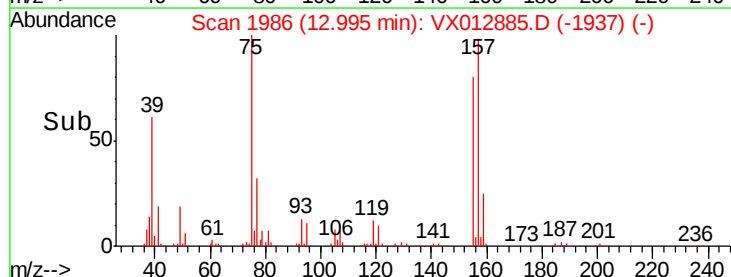
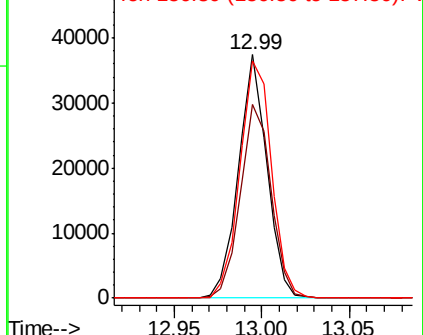
157 108.2 54.1 162.3

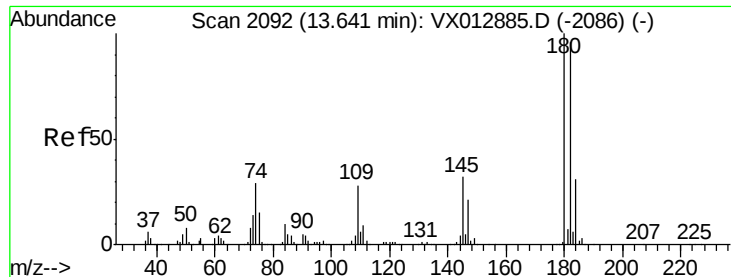


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

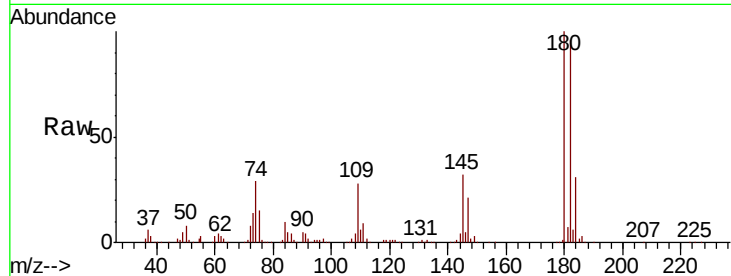




#93
 1,2,4-Trichlorobenzene
 Concen: 51.747 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	93.6	46.8	140.4
145	32.4	16.2	48.6

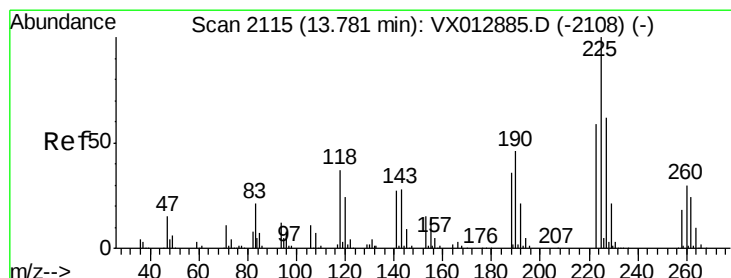
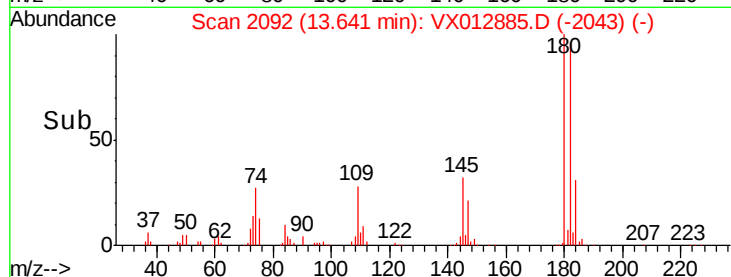
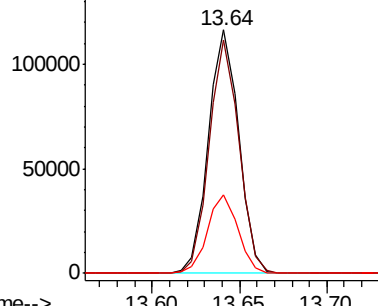


Abundance

Ion 179.80 (179.50 to 180.50): V

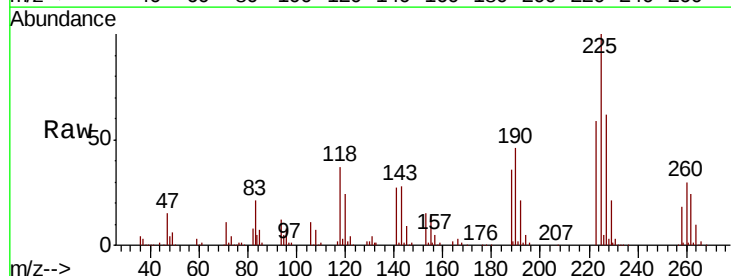
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 53.117 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX012885.D
 Acq: 08 Oct 2019 12:14

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.1	31.1	93.2
227	64.6	32.3	96.9

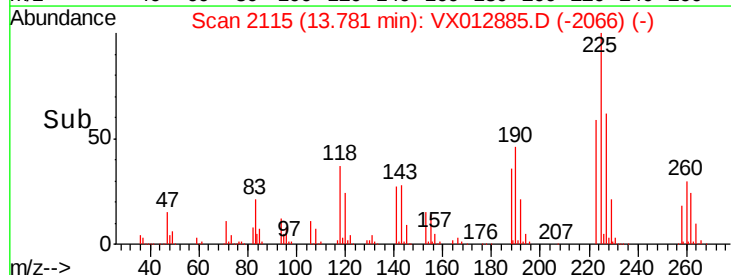
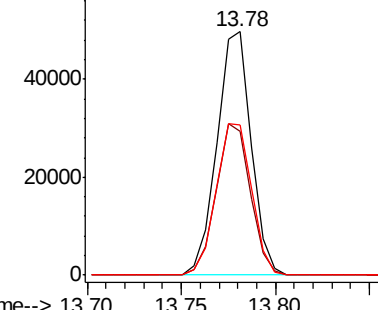


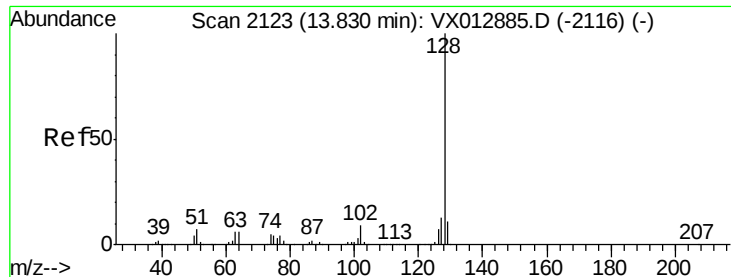
Abundance

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

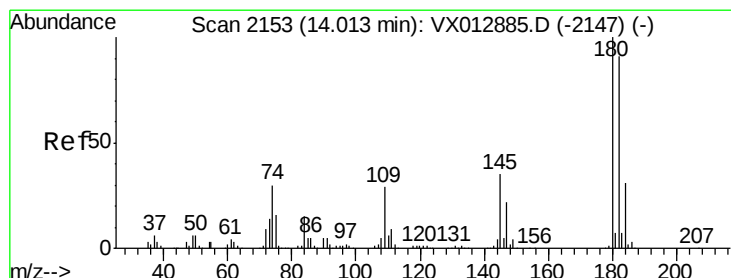
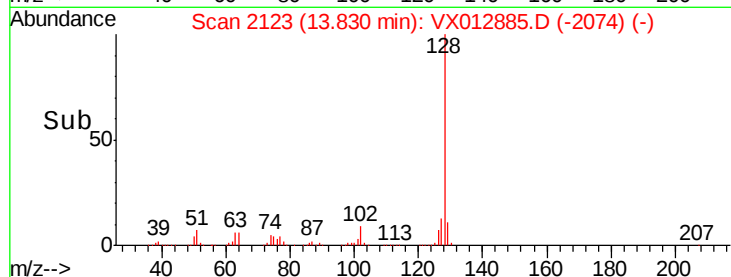
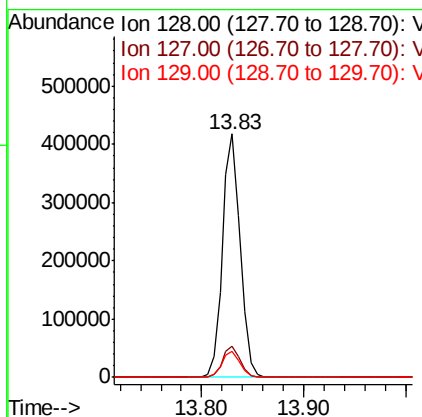
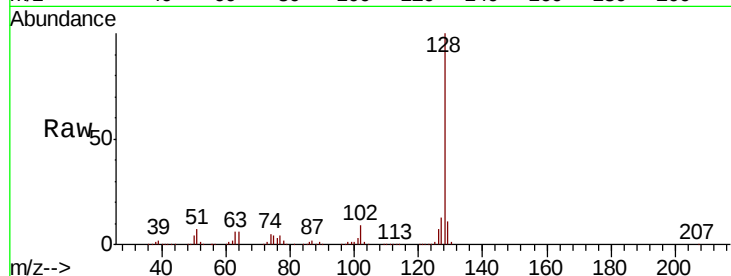




#95
Naphthalene
Concen: 51.654 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Tot Ion:128 Resp: 502925
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 52.153 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012885.D
Acq: 08 Oct 2019 12:14

Tgt Ion:180 Resp: 141710
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 34.9 17.4 52.3

