

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011985.D
 Acq On : 01 Sep 2019 08:12
 Operator : SY/SP
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 02 01:26:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	265271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	408696	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	406308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	243061	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	156471	61.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.12%	
35) Dibromofluoromethane	5.48	113	143086	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
50) Toluene-d8	8.71	98	490172	52.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.64%	
62) 4-Bromofluorobenzene	11.13	95	212787	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	61946	38.691	ug/l	98
3) Chloromethane	1.31	50	83740	45.118	ug/l	98
4) Vinyl Chloride	1.39	62	76410	43.114	ug/l	99
5) Bromomethane	1.62	94	71381	58.210	ug/l	99
6) Chloroethane	1.71	64	57483	52.114	ug/l	99
7) Trichlorofluoromethane	1.92	101	136494	44.346	ug/l	99
8) Diethyl Ether	2.17	74	63843	60.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89295	44.513	ug/l	98
10) Methyl Iodide	2.50	142	84430	39.391	ug/l	99
11) Tert butyl alcohol	3.03	59	73663	301.262	ug/l	99
12) 1,1-Dichloroethene	2.36	96	89065	47.804	ug/l	98
13) Acrolein	2.28	56	8765	72.021	ug/l	99
14) Allyl chloride	2.72	41	178733	51.141	ug/l	98
15) Acrylonitrile	3.12	53	178340	306.939	ug/l	99
16) Acetone	2.43	43	147442	269.627	ug/l	100
17) Carbon Disulfide	2.56	76	232628	43.530	ug/l	99
18) Methyl Acetate	2.76	43	101856	67.288	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	379125	62.812	ug/l	98
20) Methylene Chloride	2.84	84	138735	60.489	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	117890	53.717	ug/l	97
22) Diisopropyl ether	3.84	45	429451	60.191	ug/l	98
23) Vinyl Acetate	3.80	43	1239993	270.317	ug/l	100
24) 1,1-Dichloroethane	3.68	63	227443	57.807	ug/l	99
25) 2-Butanone	4.65	43	235307	295.446	ug/l	100
26) 2,2-Dichloropropane	4.57	77	134074	40.629	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	156666	60.603	ug/l	96
28) Bromochloromethane	5.00	49	105330	59.661	ug/l	96
29) Tetrahydrofuran	5.11	42	152031	305.827	ug/l	100
30) Chloroform	5.20	83	257720	61.261	ug/l	97
31) Cyclohexane	5.56	56	124852	39.342	ug/l	96
32) 1,1,1-Trichloroethane	5.48	97	204418	54.702	ug/l	100
36) 1,1-Dichloropropene	5.79	75	145208	44.847	ug/l	99
37) Ethyl Acetate	4.81	43	103550	54.028	ug/l	99
38) Carbon Tetrachloride	5.77	117	178044	47.413	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	140863	36.525	ug/l	96
40) Benzene	6.13	78	501980	51.939	ug/l	99
41) Methacrylonitrile	5.03	41	63478	56.250	ug/l	99
42) 1,2-Dichloroethane	6.18	62	191254	58.190	ug/l	100
43) Isopropyl Acetate	6.43	43	215348	55.419	ug/l	99
44) Trichloroethene	7.20	130	157843	52.784	ug/l	97
45) 1,2-Dichloropropane	7.51	63	138551	54.805	ug/l	99
46) Dibromomethane	7.65	93	86729	57.805	ug/l	96
47) Bromodichloromethane	7.89	83	213164	57.295	ug/l	99
48) Methyl methacrylate	7.76	41	105505	55.802	ug/l	98
49) 1,4-Dioxane	7.73	88	30310	1165.787	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	547012	277.103	ug/l	100
52) Toluene	8.78	92	339747	53.135	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	198872	52.184	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	220674	51.583	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	127331	57.970	ug/l	99
56) Ethyl methacrylate	9.17	69	171402	56.225	ug/l	98
57) 1,3-Dichloropropane	9.37	76	207716	56.976	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	392299	270.185	ug/l	97
59) 2-Hexanone	9.48	43	383785	273.695	ug/l	100
60) Dibromochloromethane	9.57	129	175264	59.410	ug/l	100
61) 1,2-Dibromoethane	9.67	107	126850	58.249	ug/l	99
64) Tetrachloroethene	9.33	164	196019	59.975	ug/l	97
65) Chlorobenzene	10.14	112	416161	52.855	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	177858	55.860	ug/l	99
67) Ethyl Benzene	10.25	91	669233	49.968	ug/l	99
68) m/p-Xylenes	10.36	106	519849	100.521	ug/l	100
69) o-Xylene	10.70	106	265906	52.764	ug/l	99
70) Styrene	10.71	104	477704	53.779	ug/l	100
71) Bromoform	10.85	173	127428	56.599	ug/l #	100
73) Isopropylbenzene	11.01	105	675387	48.360	ug/l	100
74) N-amyl acetate	10.89	43	178413	43.048	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.26	83	148975	52.122	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	154085	64.444	ug/l	84
77) Bromobenzene	11.25	156	219332	54.151	ug/l	97
78) n-propylbenzene	11.35	91	746278	47.123	ug/l	99
79) 2-Chlorotoluene	11.42	91	480511	50.408	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	593884	49.266	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	38733	40.696	ug/l	96
82) 4-Chlorotoluene	11.51	91	578212	50.280	ug/l	100
83) tert-Butylbenzene	11.76	119	578056	47.259	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	616313	49.888	ug/l	100
85) sec-Butylbenzene	11.94	105	658135	46.324	ug/l	99
86) p-Isopropyltoluene	12.06	119	610932	44.347	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	399405	53.058	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	398623	52.382	ug/l	99
89) n-Butylbenzene	12.39	91	534306	43.838	ug/l	99
90) Hexachloroethane	12.59	117	133649	50.146	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	379545	54.231	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30337	53.284	ug/l	95

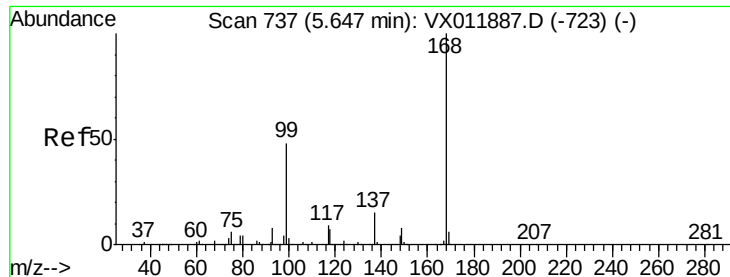
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Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	304865	51.733	ug/l	100
94) Hexachlorobutadiene	13.78	225	181006	45.992	ug/l	99
95) Naphthalene	13.83	128	545045	53.891	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	288966	54.225	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

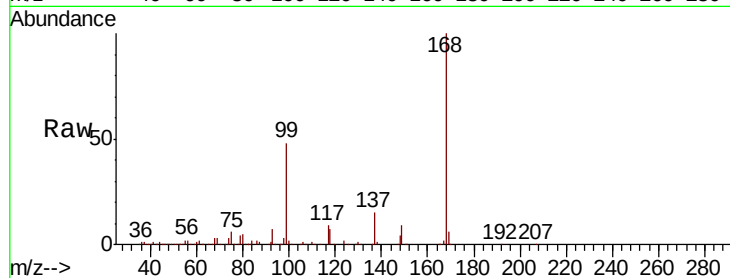
VSTDCCC050EC

Tgt Ion:168 Resp: 265271

Ion Ratio Lower Upper

168 100

99 48.0 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

100000

80000

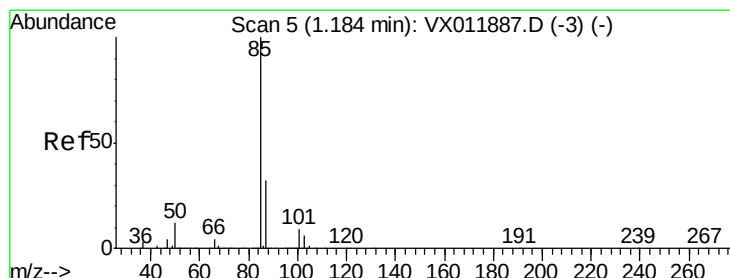
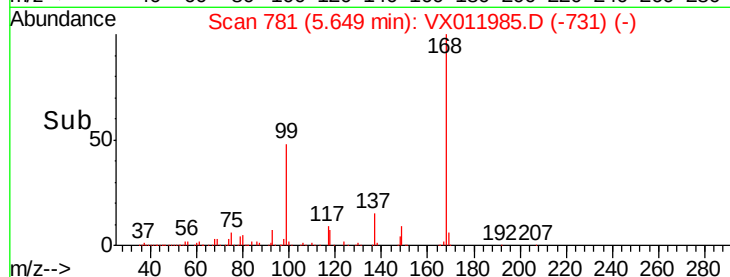
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 38.691 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX011985.D

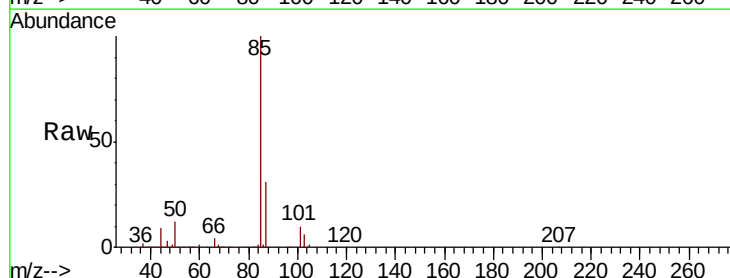
Acq: 01 Sep 2019 08:12

Tgt Ion: 85 Resp: 61946

Ion Ratio Lower Upper

85 100

87 31.1 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

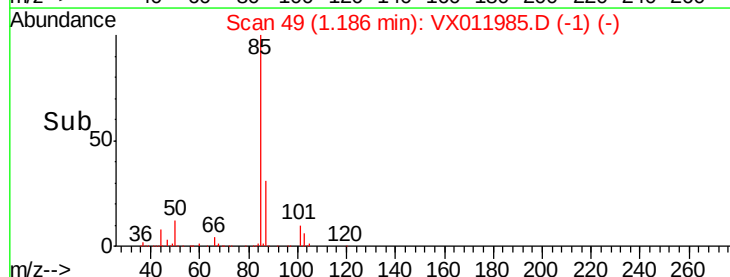
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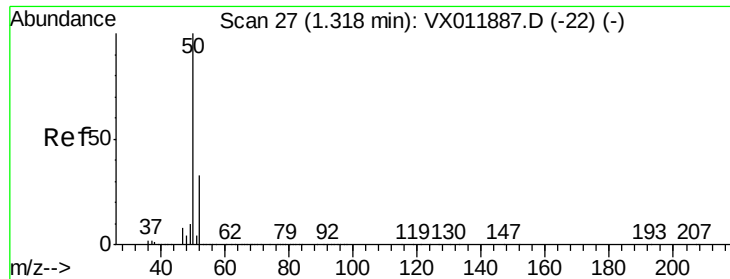
40000

20000

0

Time-->





#3

Chloromethane

Concen: 45.118 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

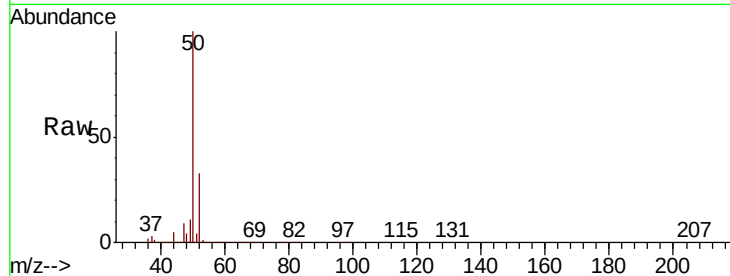
VSTDCCC050EC

Tgt Ion: 50 Resp: 83740

Ion Ratio Lower Upper

50 100

52 33.4 26.0 39.0



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

80000

60000

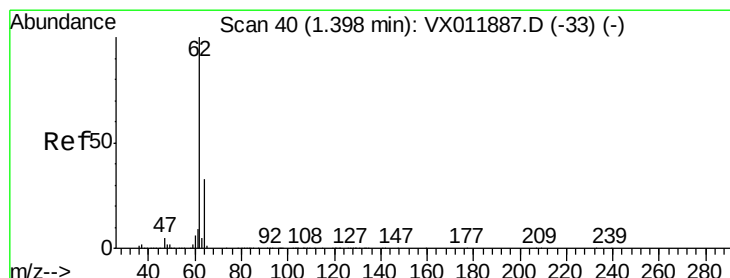
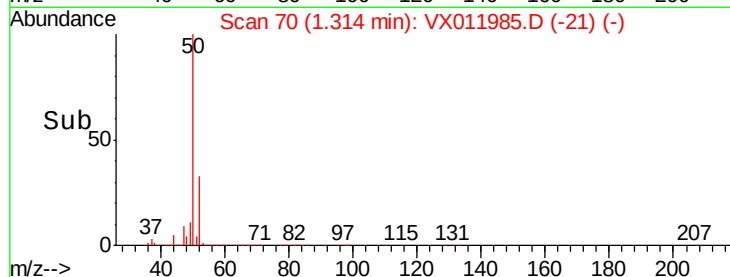
40000

20000

0

1.25 1.30 1.35 1.40

Time-->



#4

Vinyl Chloride

Concen: 43.114 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX011985.D

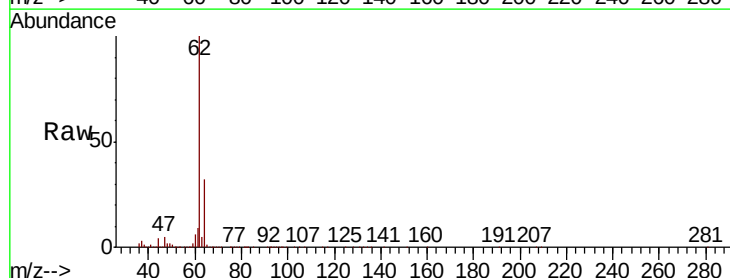
Acq: 01 Sep 2019 08:12

Tgt Ion: 62 Resp: 76410

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

80000

60000

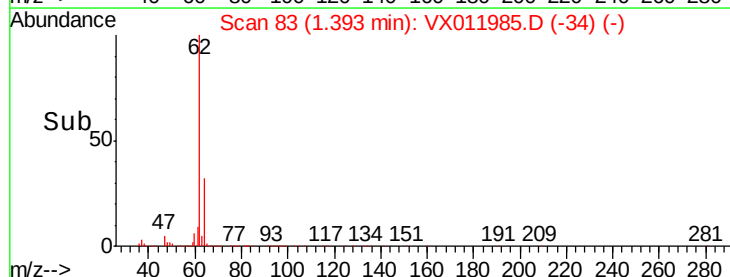
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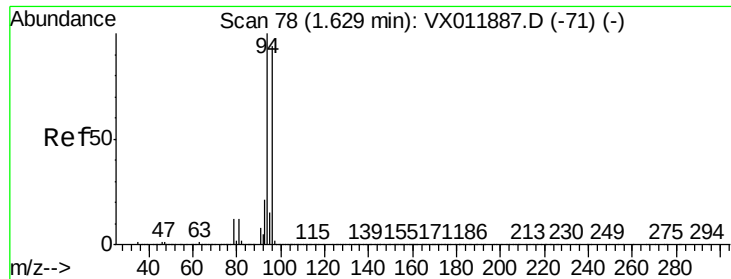
20000

0

1.30 1.40 1.50

Time-->





#5

Bromomethane

Concen: 58.210 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

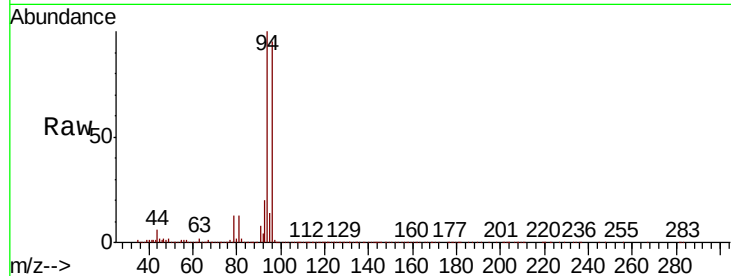
VSTDCCC050EC

Tgt Ion: 94 Resp: 71381

Ion Ratio Lower Upper

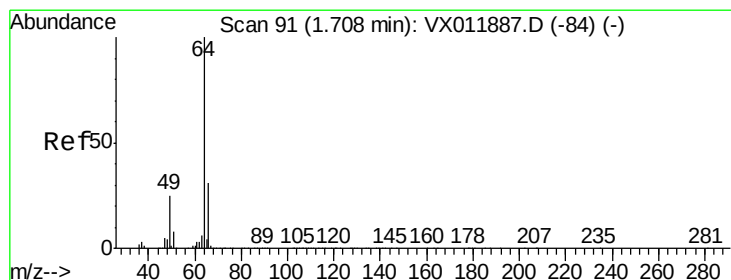
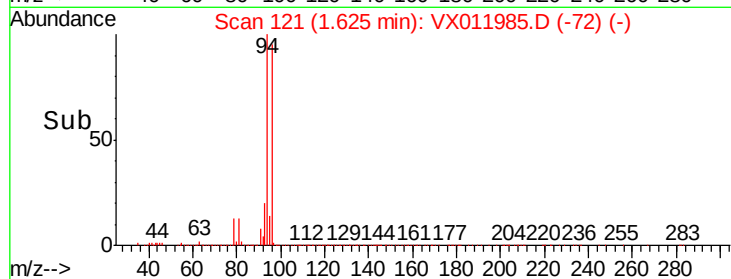
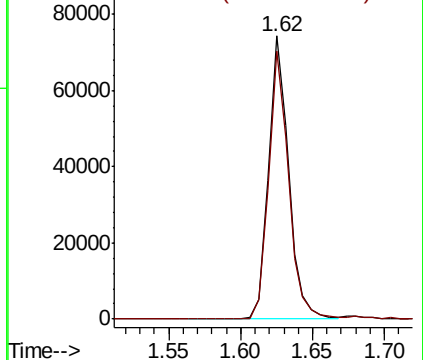
94 100

96 94.7 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.114 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX011985.D

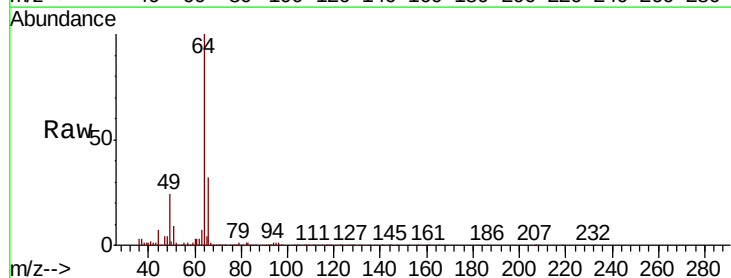
Acq: 01 Sep 2019 08:12

Tgt Ion: 64 Resp: 57483

Ion Ratio Lower Upper

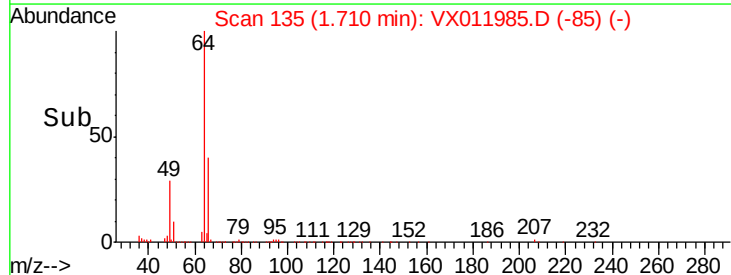
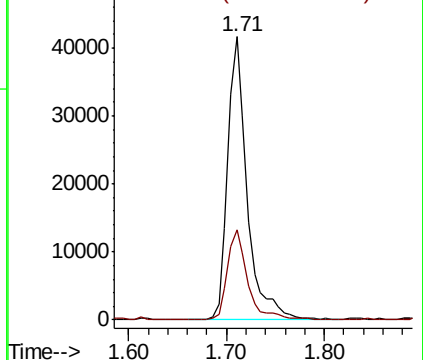
64 100

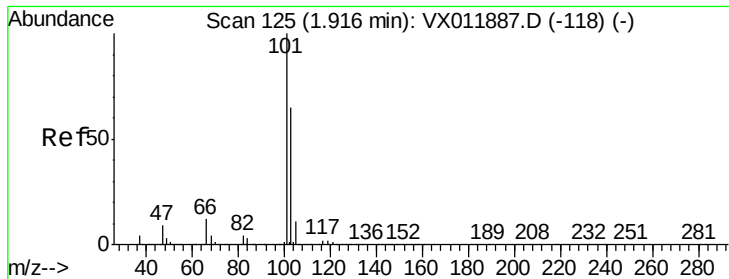
66 31.9 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



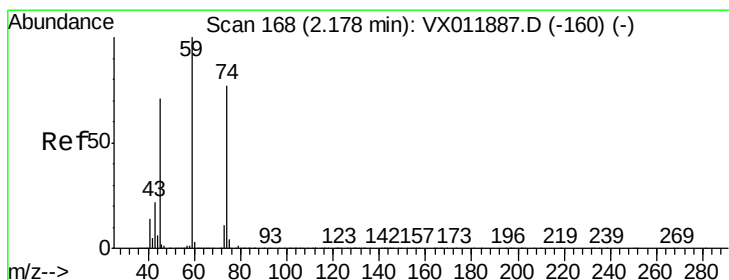
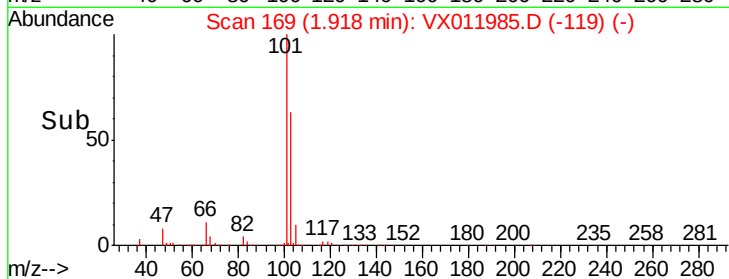
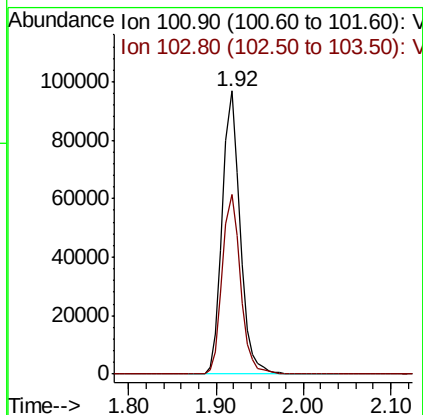
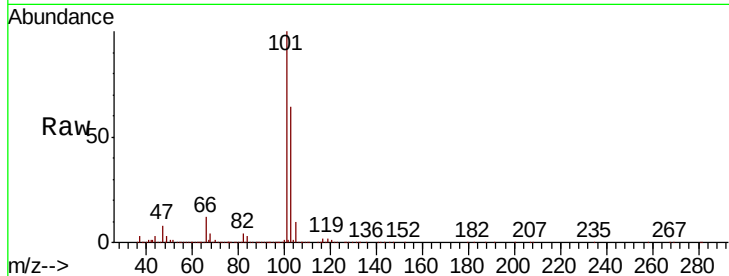


#7

Trichlorofluoromethane
 Concen: 44.346 ug/l
 RT: 1.92 min Scan# 169
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Instrument :
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 ClientSampleId :
 VSTDCCC050EC

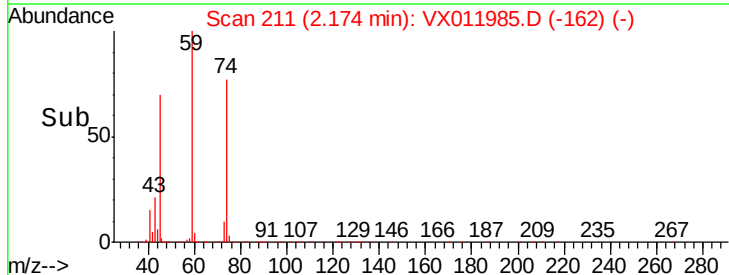
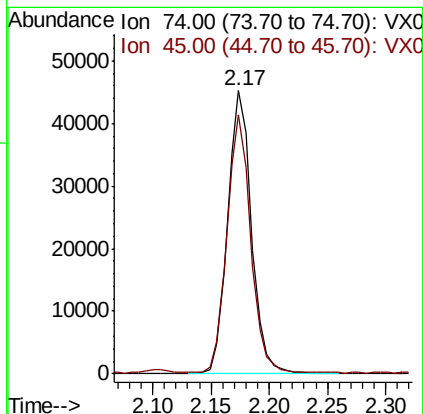
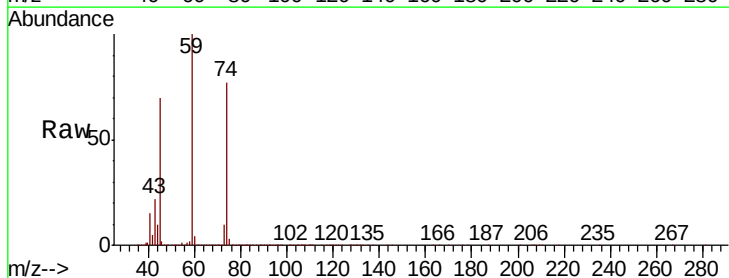
Tgt Ion: 101 Resp: 136494
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

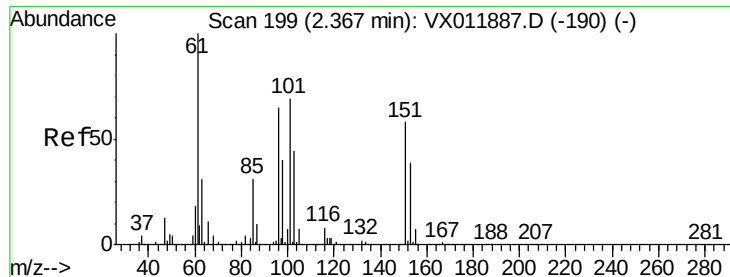


#8

Diethyl Ether
 Concen: 60.355 ug/l
 RT: 2.17 min Scan# 211
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 74 Resp: 63843
 Ion Ratio Lower Upper
 74 100
 45 90.7 46.7 140.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.513 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

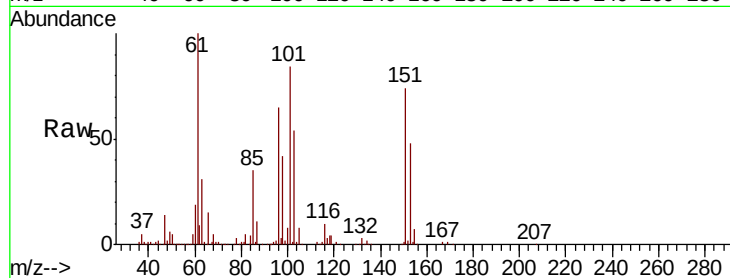
Tgt Ion:101 Resp: 89295

Ion Ratio Lower Upper

101 100

85 43.2 34.9 52.3

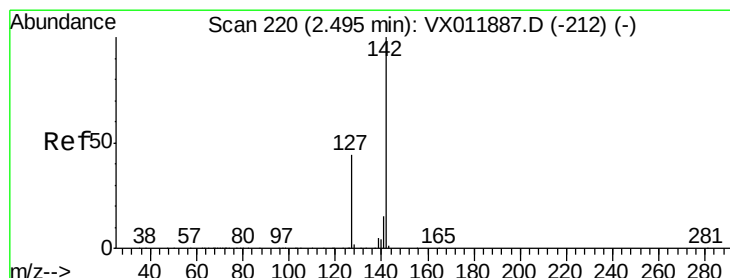
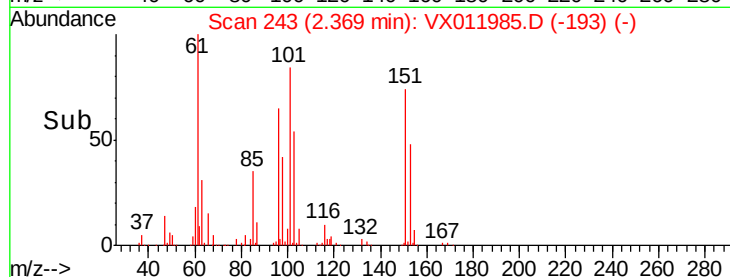
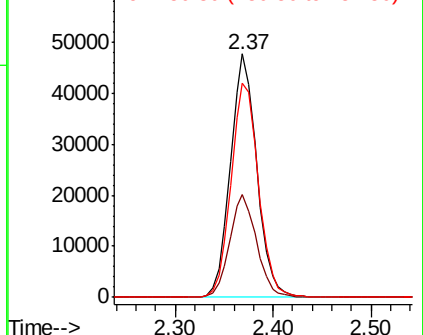
151 91.6 70.9 106.3



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: 39.391 ug/l

RT: 2.50 min Scan# 264

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

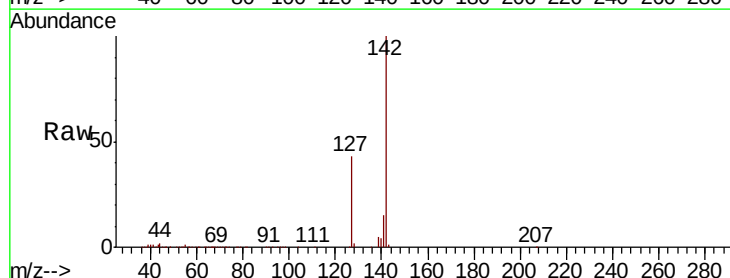
Tgt Ion:142 Resp: 84430

Ion Ratio Lower Upper

142 100

127 43.7 35.7 53.5

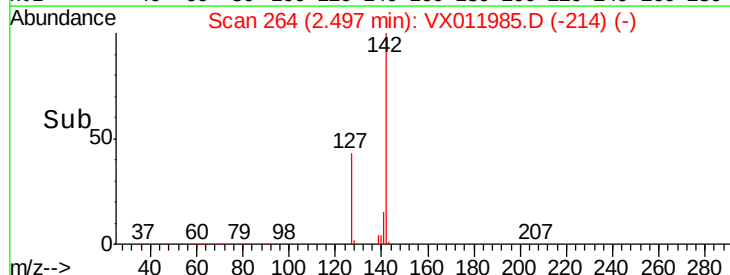
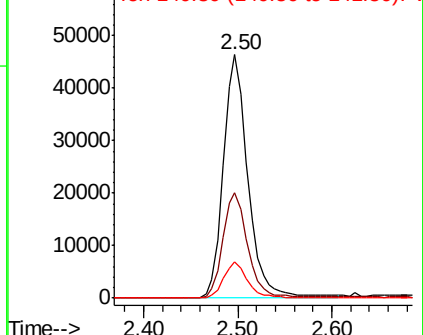
141 14.7 11.8 17.6

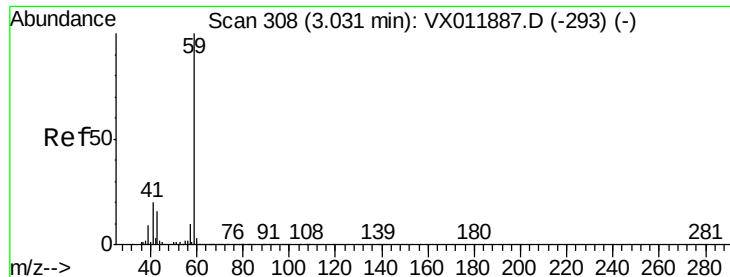


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

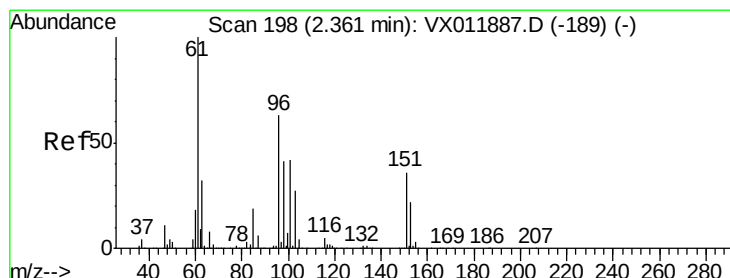
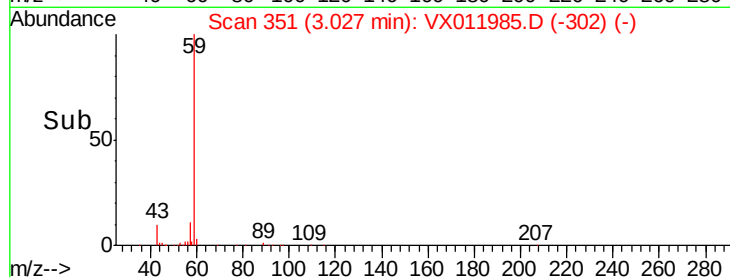
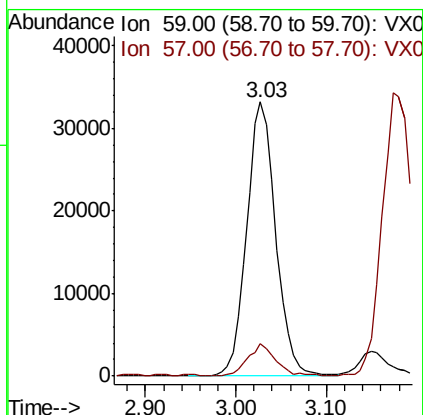
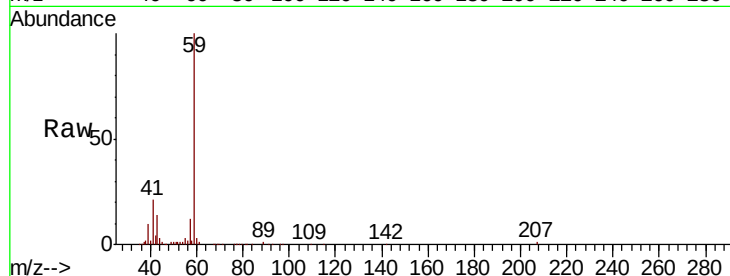




#11
Tert butyl alcohol
Concen: 301.262 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

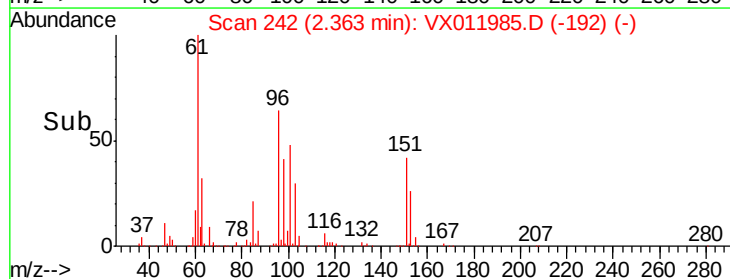
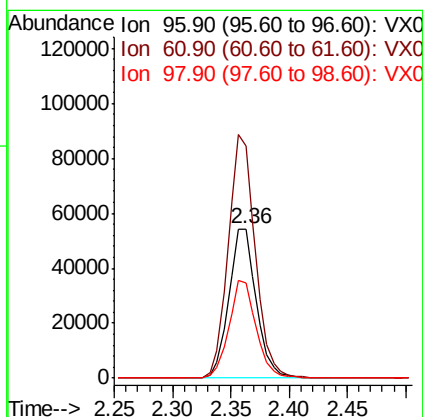
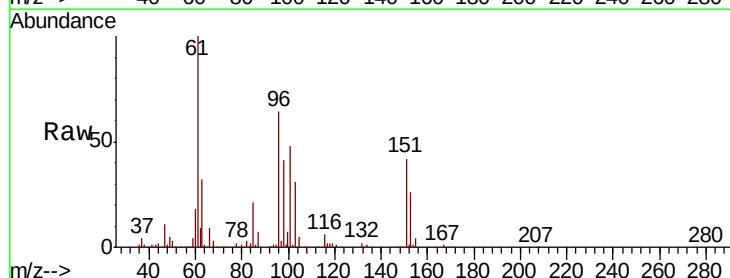
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

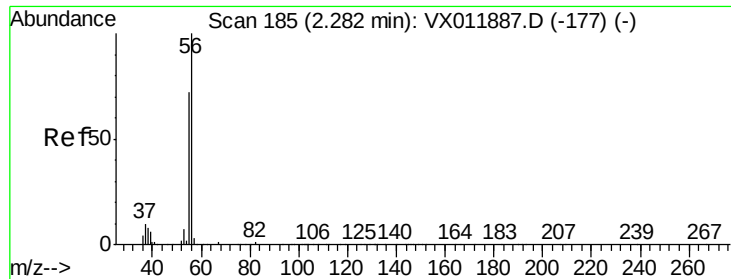
Tgt Ion: 59 Resp: 73663
Ion Ratio Lower Upper
59 100
57 10.9 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.804 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 96 Resp: 89065
Ion Ratio Lower Upper
96 100
61 155.3 126.6 190.0
98 64.0 51.6 77.4

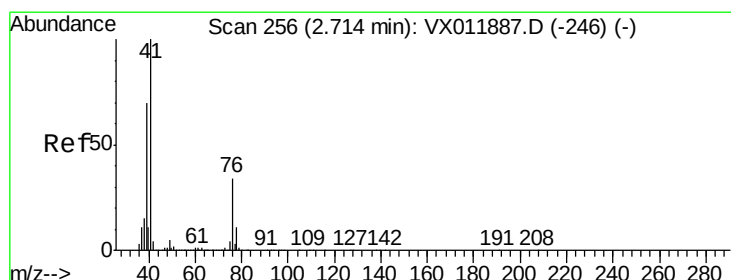
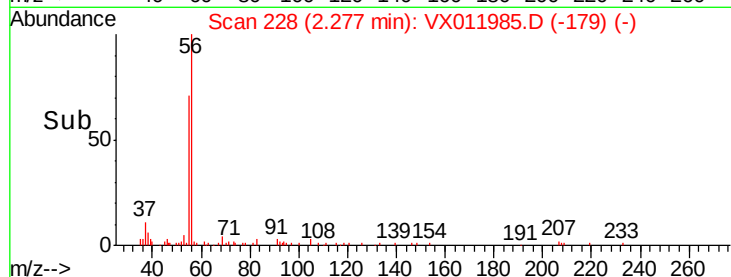
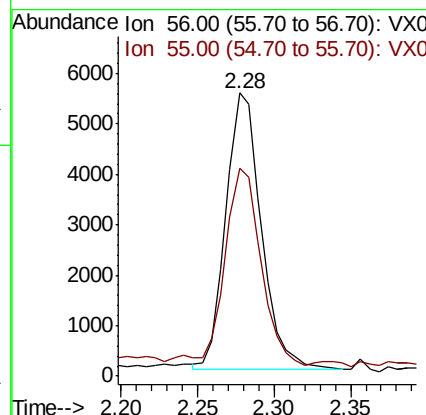
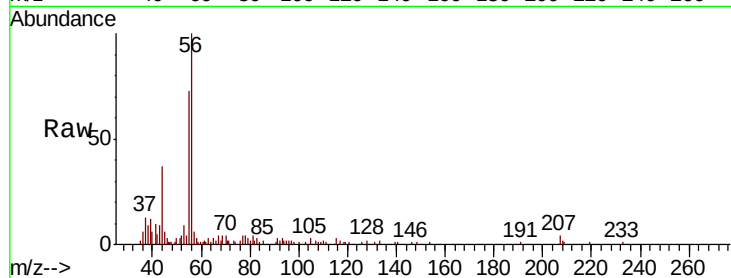




#13
Acrolein
Concen: 72.021 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

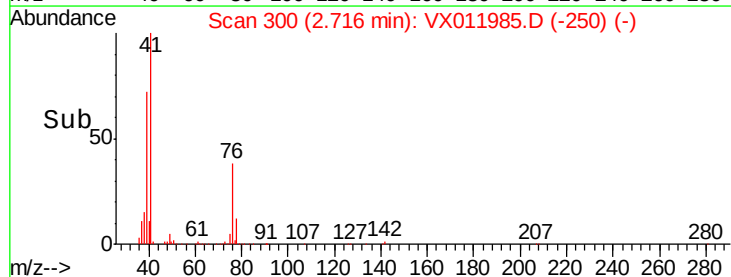
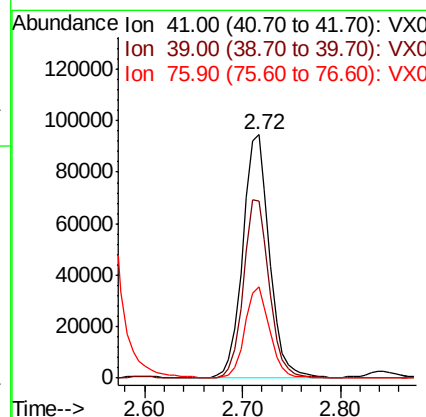
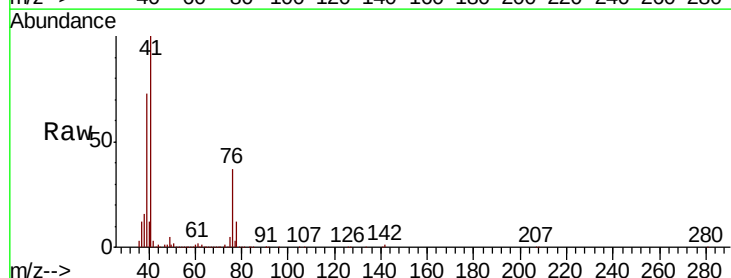
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

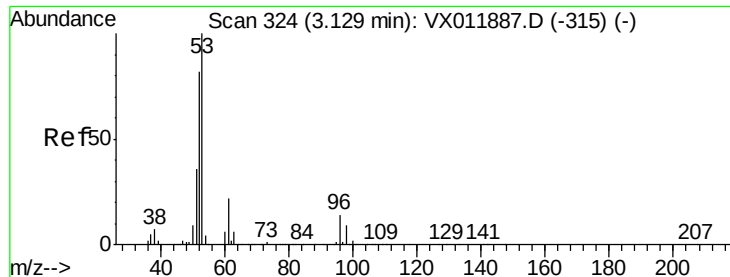
Tgt Ion: 56 Resp: 8765
Ion Ratio Lower Upper
56 100
55 74.0 58.6 88.0



#14
Allyl chloride
Concen: 51.141 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 41 Resp: 178733
Ion Ratio Lower Upper
41 100
39 70.3 55.0 82.6
76 34.9 27.0 40.4





#15

Acrylonitrile

Concen: 306.939 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

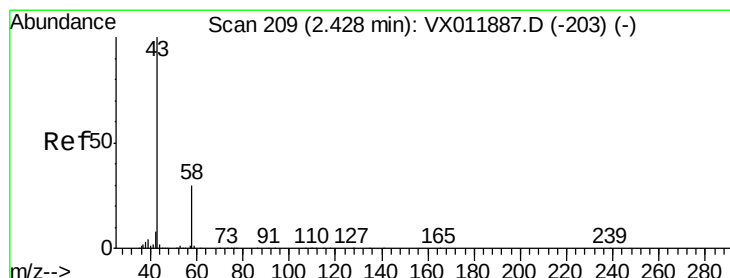
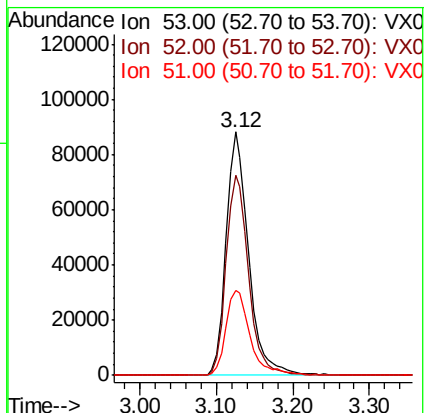
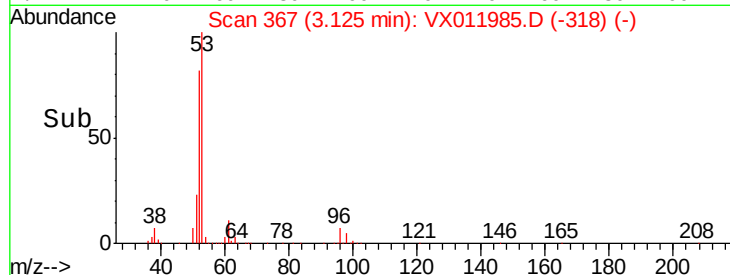
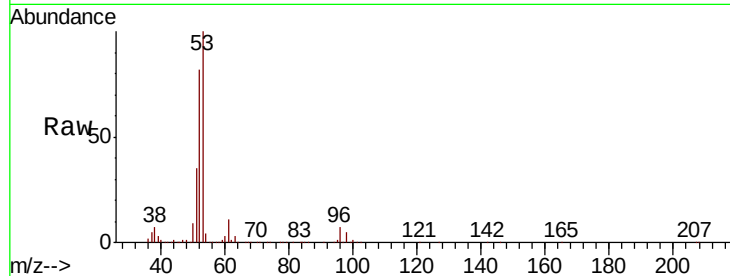
Tgt Ion: 53 Resp: 178340

Ion Ratio Lower Upper

53 100

52 83.0 65.3 97.9

51 37.3 29.4 44.2



#16

Acetone

Concen: 269.627 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011985.D

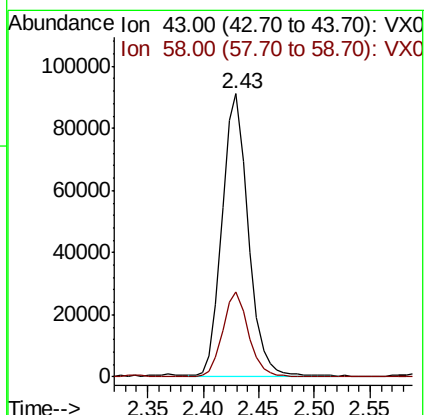
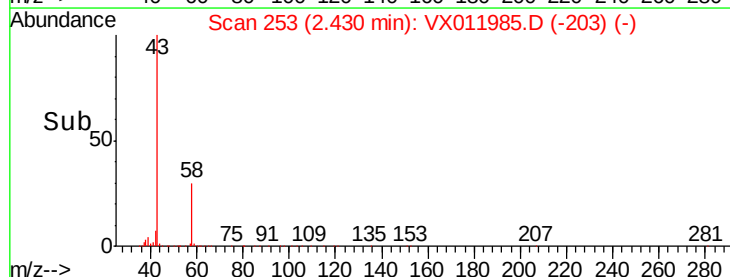
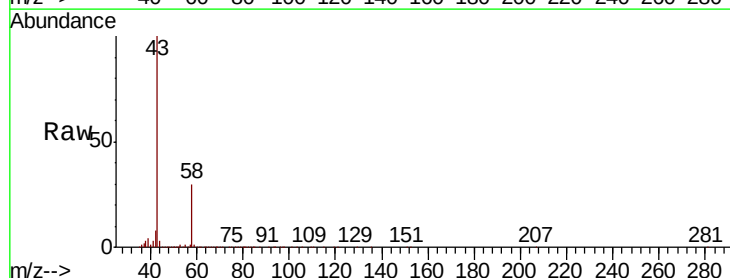
Acq: 01 Sep 2019 08:12

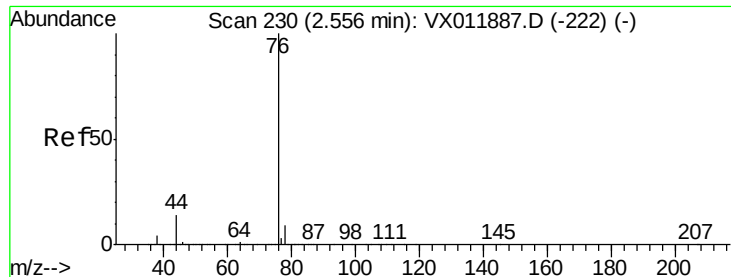
Tgt Ion: 43 Resp: 147442

Ion Ratio Lower Upper

43 100

58 30.0 23.8 35.8

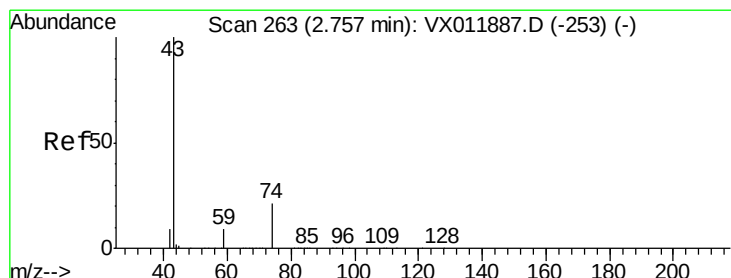
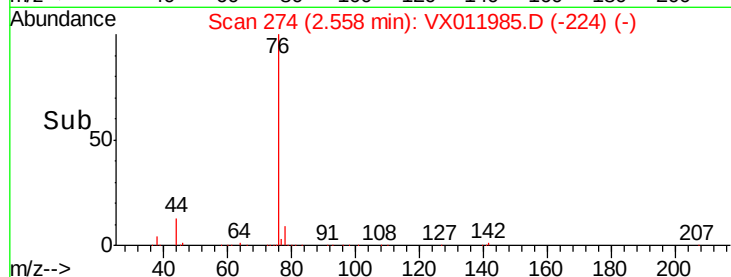
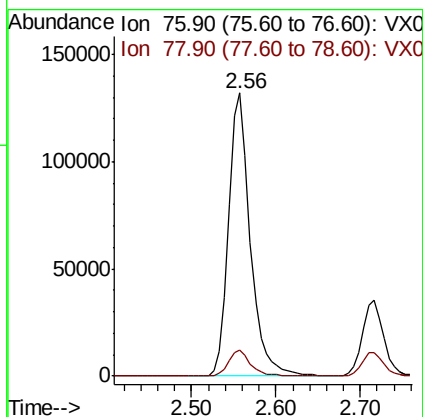
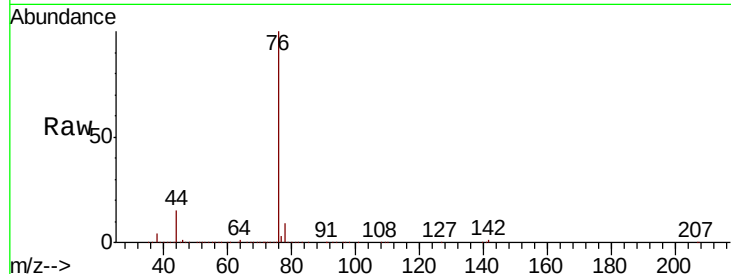




#17
Carbon Disulfide
Concen: 43.530 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

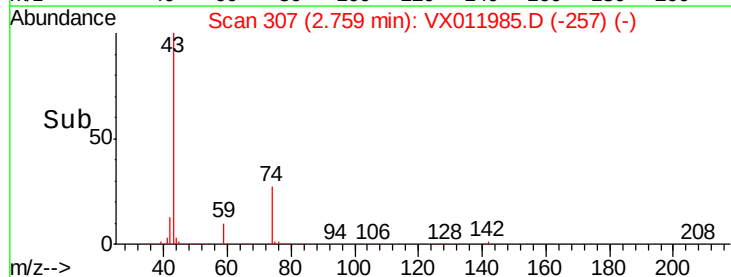
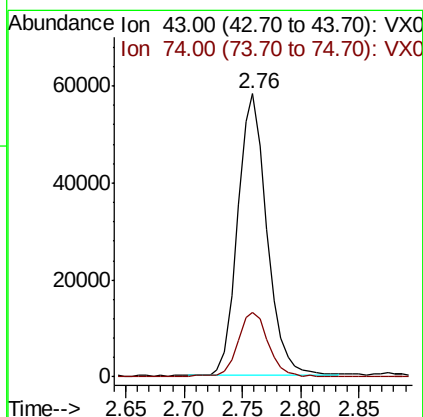
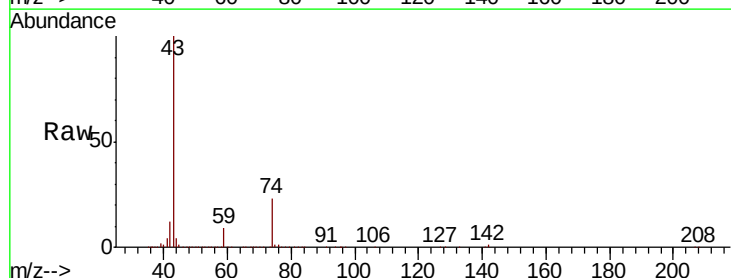
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

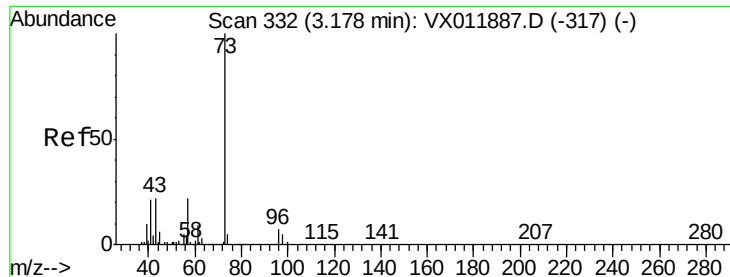
Tgt Ion: 76 Resp: 232628
Ion Ratio Lower Upper
76 100
78 9.3 7.3 10.9



#18
Methyl Acetate
Concen: 67.288 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 43 Resp: 101856
Ion Ratio Lower Upper
43 100
74 24.4 18.4 27.6

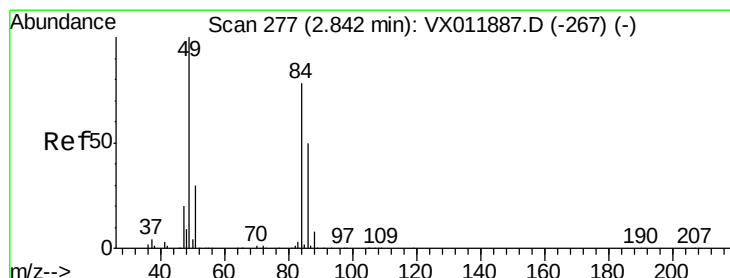
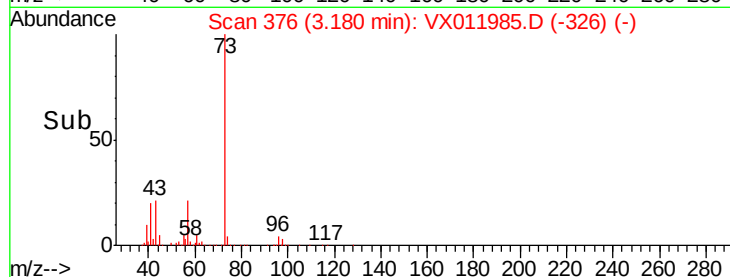
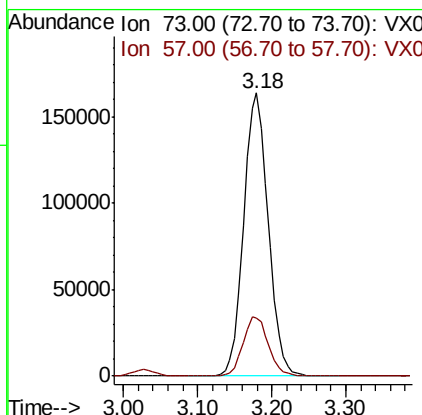
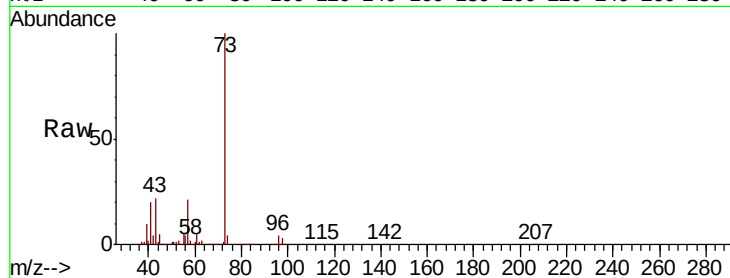




#19
Methyl tert-butyl Ether
Concen: 62.812 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

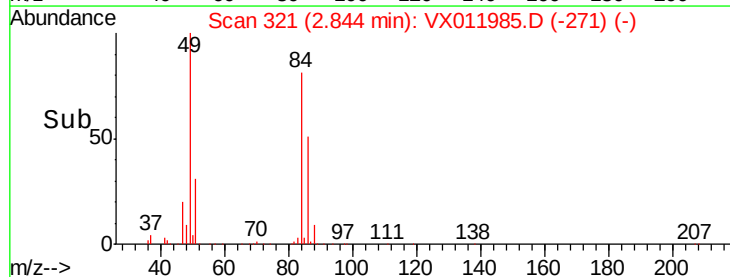
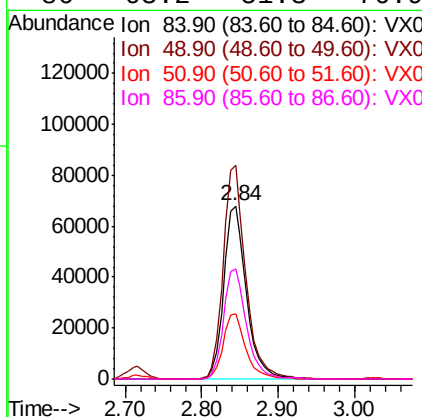
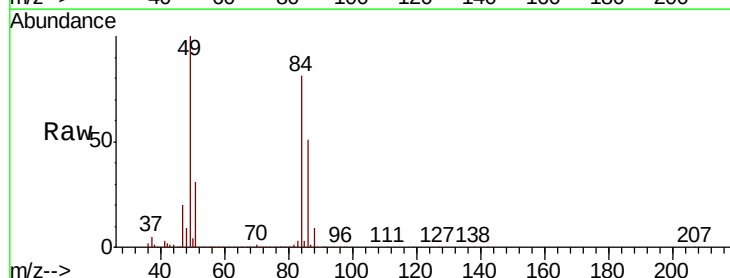
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

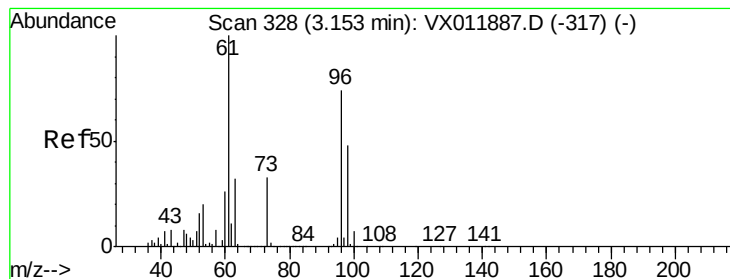
Tgt Ion: 73 Resp: 379125
Ion Ratio Lower Upper
73 100
57 20.6 17.4 26.0



#20
Methylene Chloride
Concen: 60.489 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 84 Resp: 138735
Ion Ratio Lower Upper
84 100
49 123.0 103.0 154.4
51 37.7 30.8 46.2
86 63.2 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.717 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

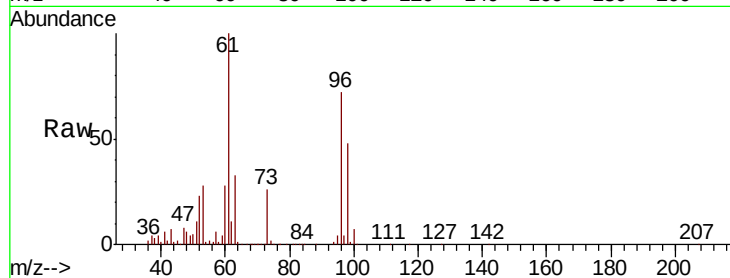
Tgt Ion: 96 Resp: 117890

Ion Ratio Lower Upper

96 100

61 138.5 107.4 161.2

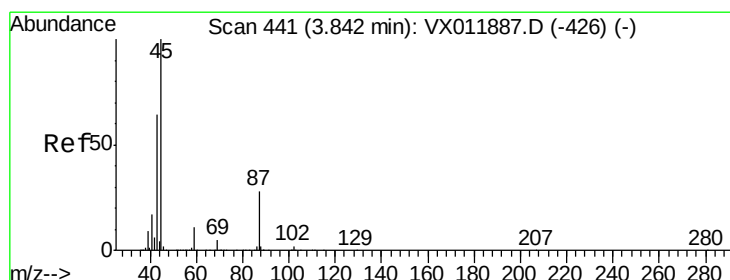
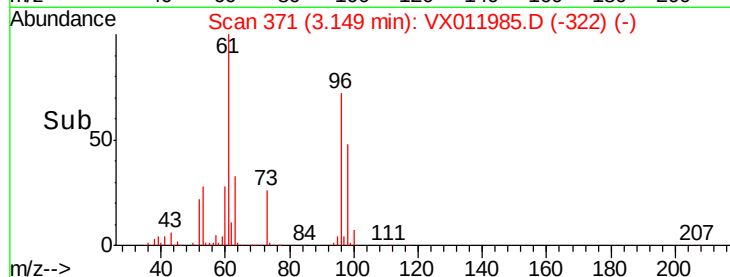
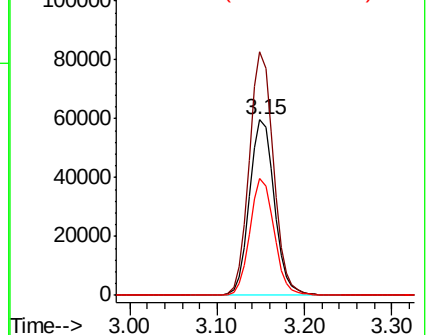
98 66.8 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 60.191 ug/l

RT: 3.84 min Scan# 484

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Tgt Ion: 45 Resp: 429451

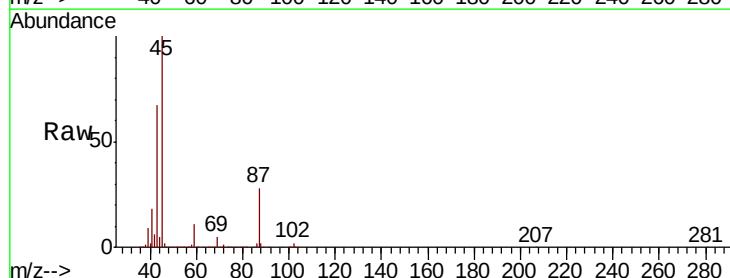
Ion Ratio Lower Upper

45 100

43 66.4 51.0 76.6

87 28.3 22.0 33.0

59 11.4 9.1 13.7

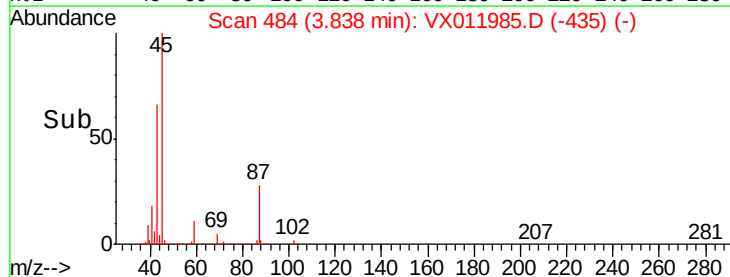
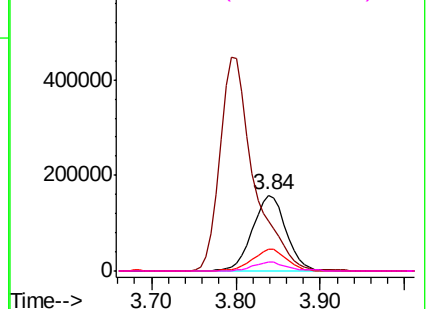


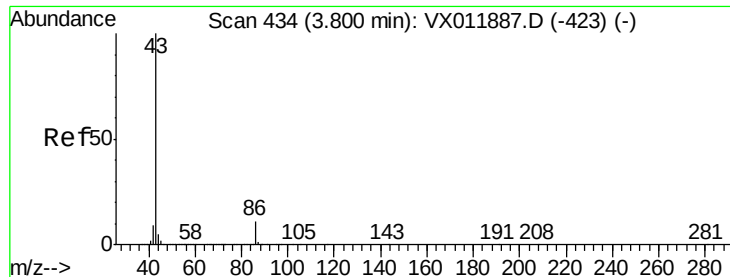
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

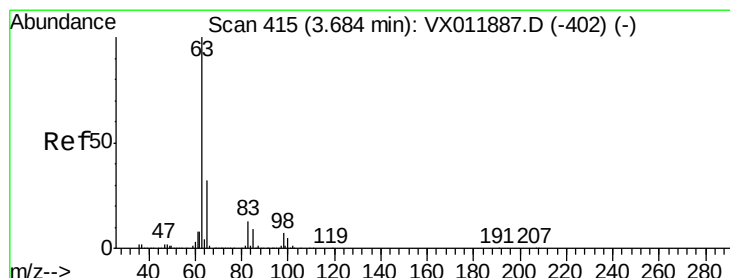
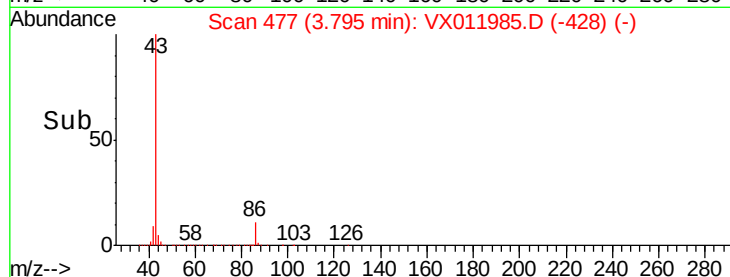
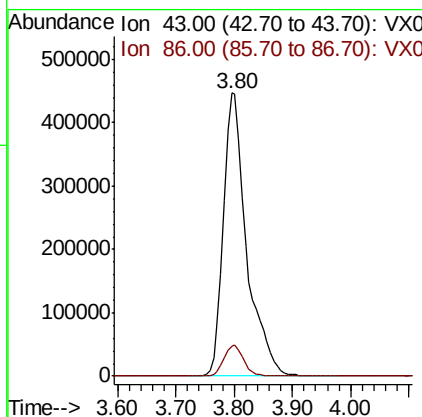
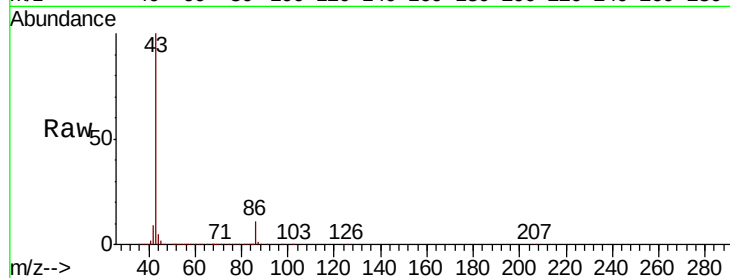




#23
 Vinyl Acetate
 Concen: 270.317 ug/l
 RT: 3.80 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

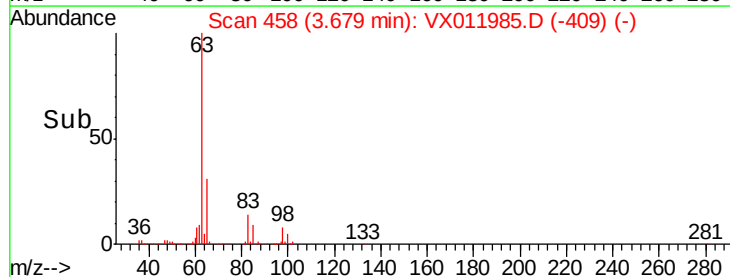
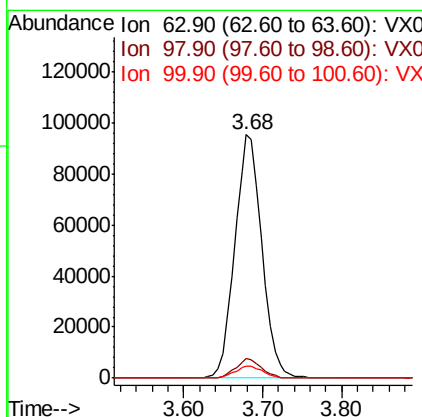
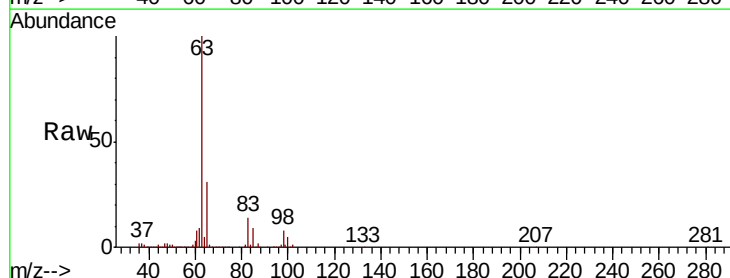
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

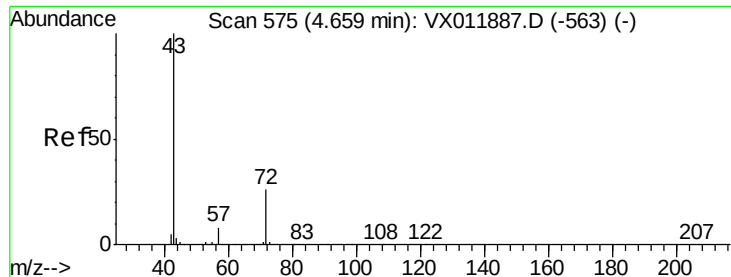
Tgt Ion: 43 Resp: 1239993
 Ion Ratio Lower Upper
 43 100
 86 10.8 8.6 12.8



#24
 1,1-Dichloroethane
 Concen: 57.807 ug/l
 RT: 3.68 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 63 Resp: 227443
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.8 11.2
 100 5.0 2.4 7.2





#25

2-Butanone

Concen: 295.446 ug/l

RT: 4.65 min Scan# 618

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

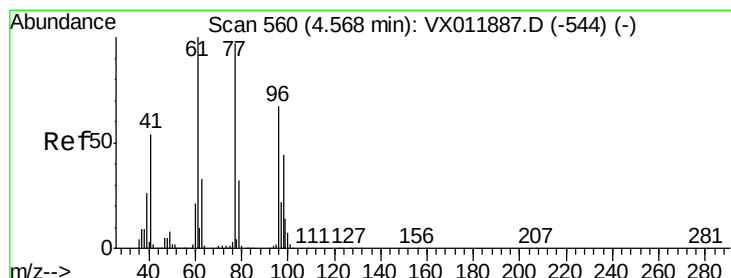
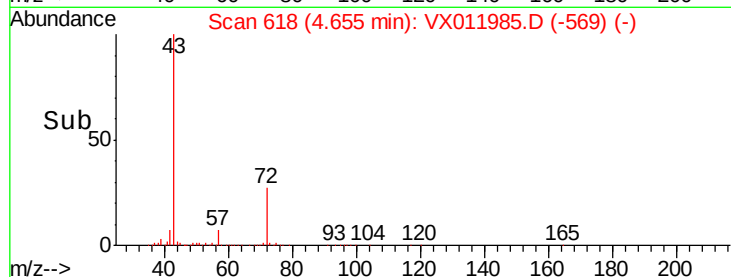
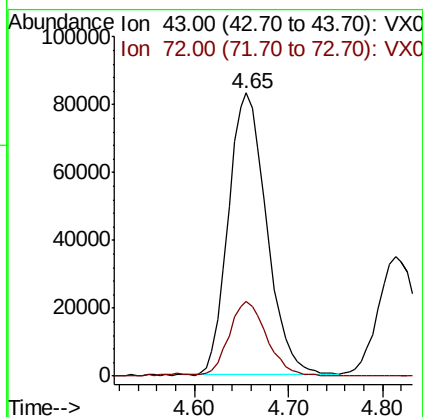
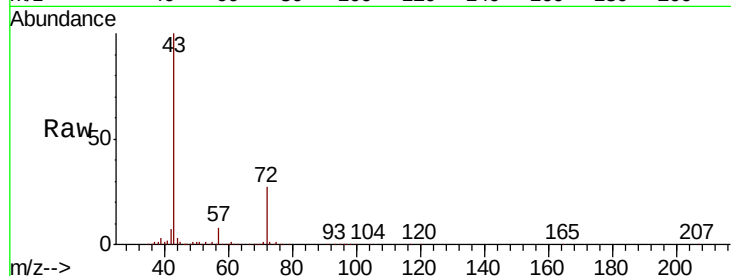
VSTDCCC050EC

Tgt Ion: 43 Resp: 235307

Ion Ratio Lower Upper

43 100

72 26.4 21.0 31.4



#26

2,2-Dichloropropane

Concen: 40.629 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX011985.D

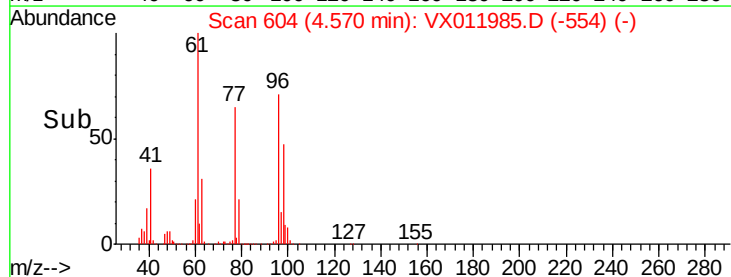
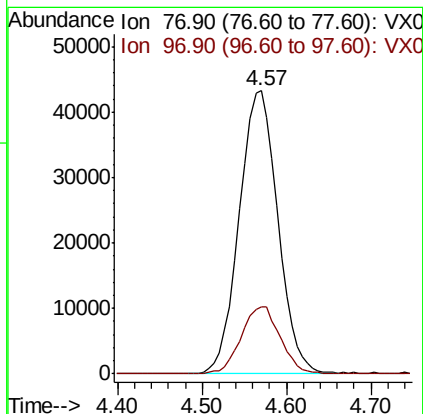
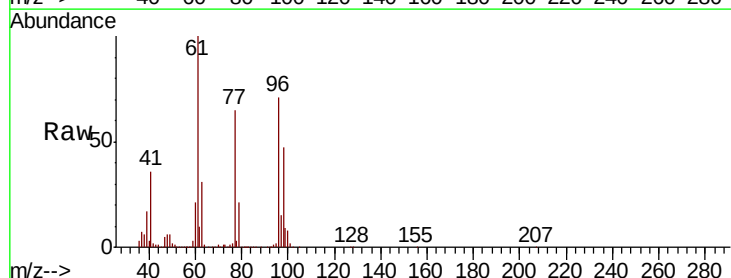
Acq: 01 Sep 2019 08:12

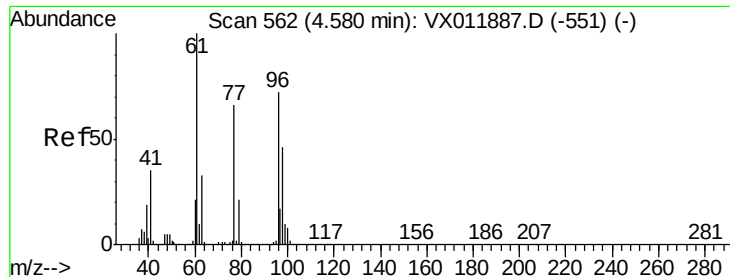
Tgt Ion: 77 Resp: 134074

Ion Ratio Lower Upper

77 100

97 24.3 11.7 35.1





#27

cis-1,2-Dichloroethene

Concen: 60.603 ug/l

RT: 4.58 min Scan# 606

Delta R.T. 0.00 min

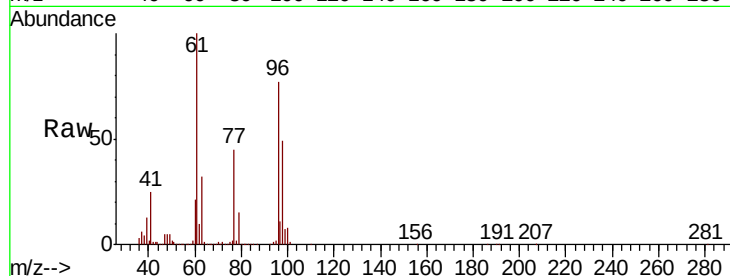
Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 156666

Ion	Ratio	Lower	Upper
96	100		
61	135.0	0.0	283.8
98	64.4	0.0	131.2

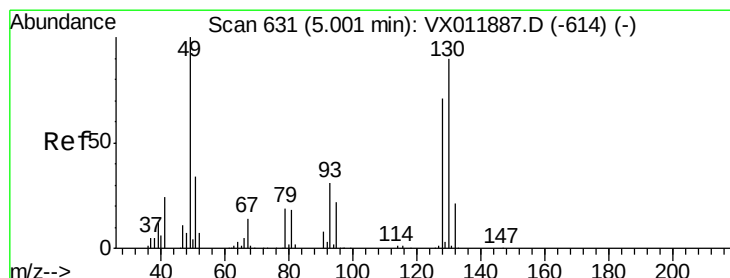
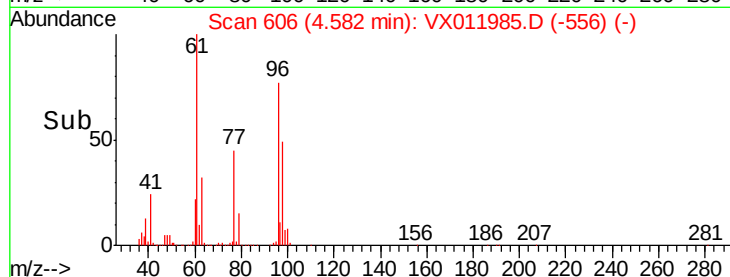
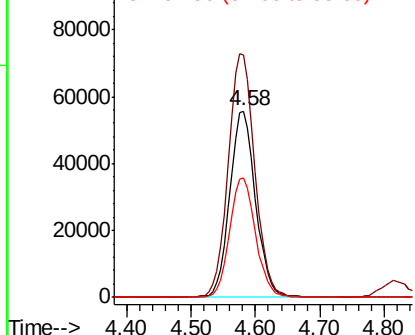


Abundance

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: 59.661 ug/l

RT: 5.00 min Scan# 675

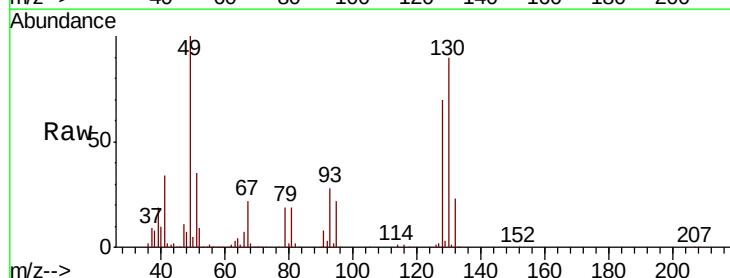
Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Tgt Ion: 49 Resp: 105330

Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	4.8
130	92.0	70.6	105.8

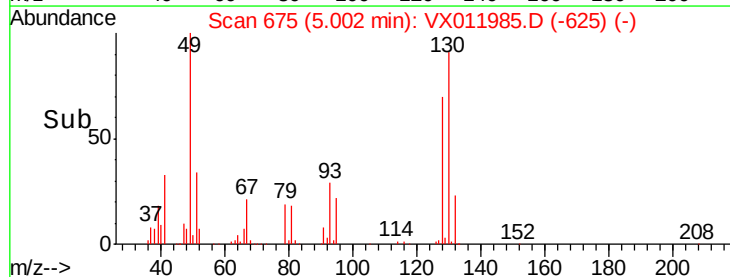
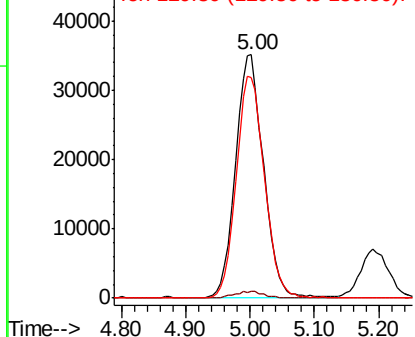


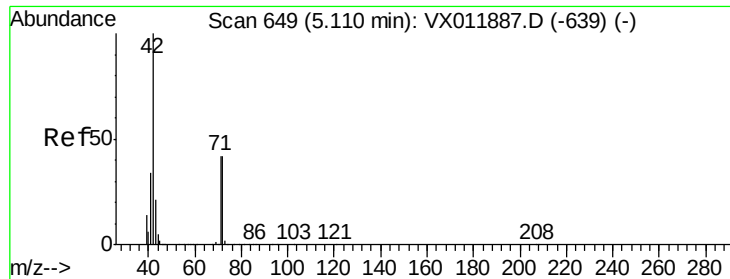
Abundance

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: 305.827 ug/l

RT: 5.11 min Scan# 693

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

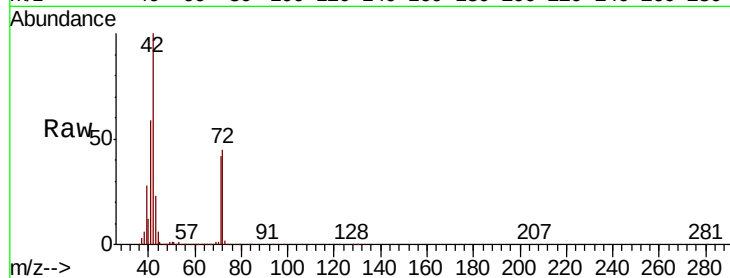
Tgt Ion: 42 Resp: 152031

Ion Ratio Lower Upper

42 100

72 45.3 36.2 54.4

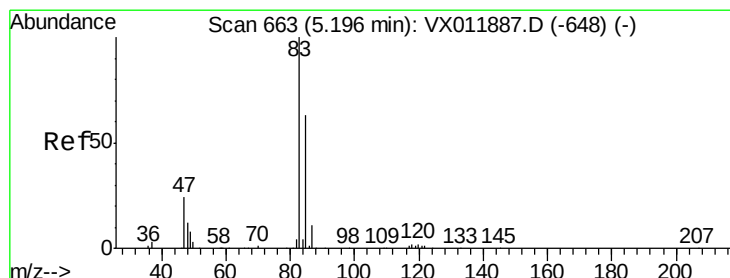
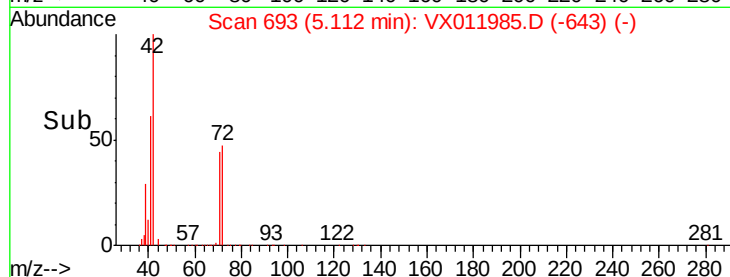
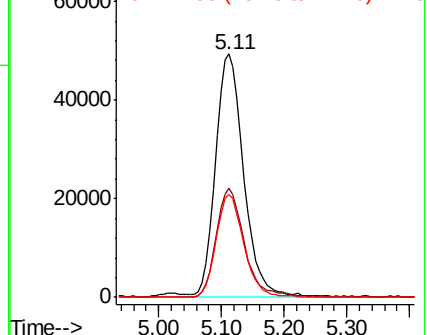
71 42.0 33.1 49.7



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: 61.261 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX011985.D

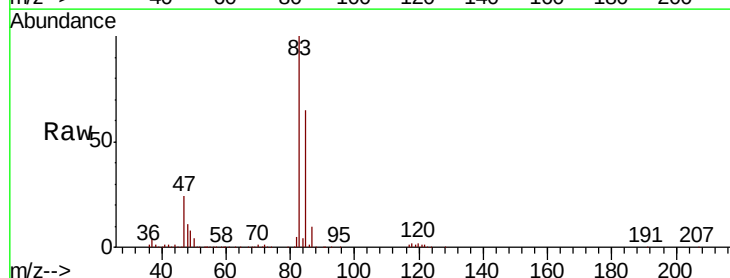
Acq: 01 Sep 2019 08:12

Tgt Ion: 83 Resp: 257720

Ion Ratio Lower Upper

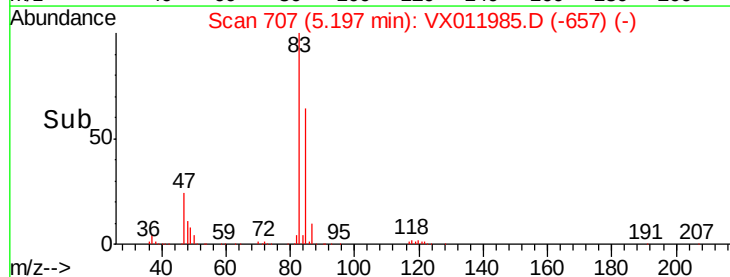
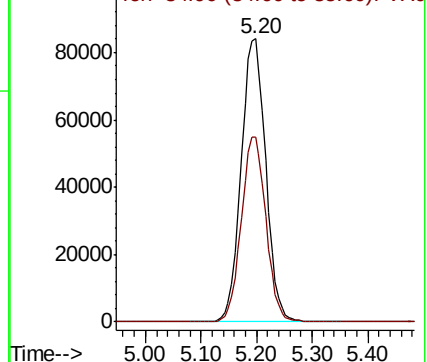
83 100

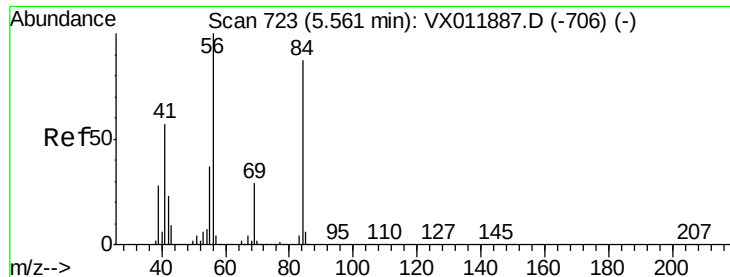
85 65.3 50.6 75.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

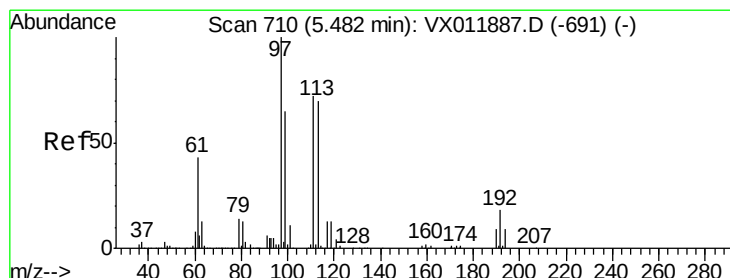
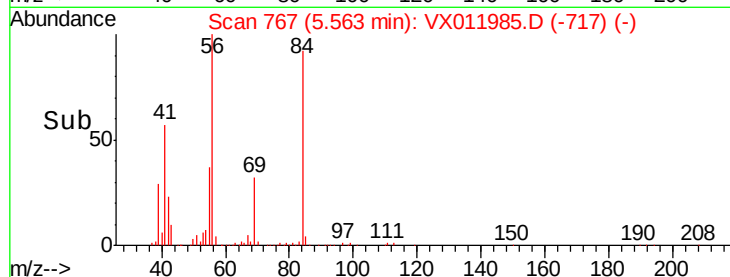
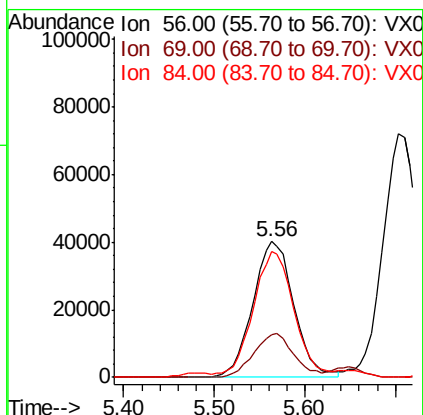
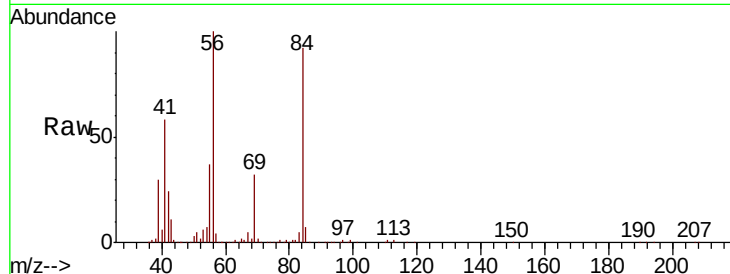




#31
Cyclohexane
Concen: 39.342 ug/l
RT: 5.56 min Scan# 767
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

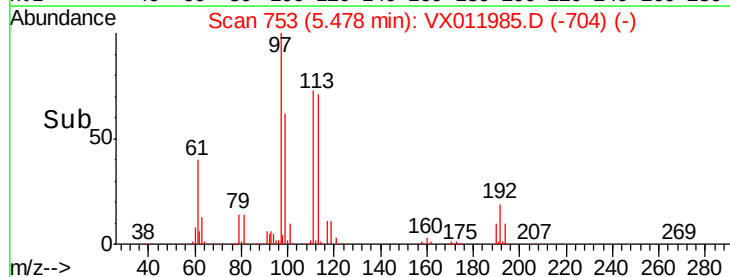
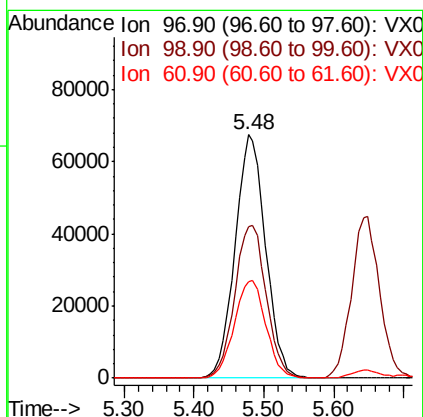
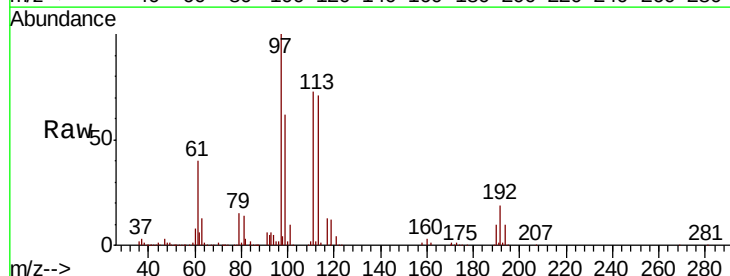
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

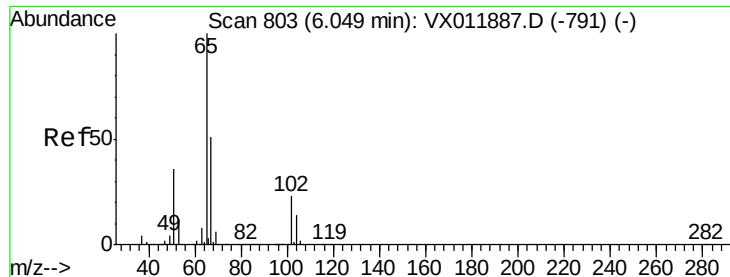
Tgt Ion: 56 Resp: 124852
Ion Ratio Lower Upper
56 100
69 31.7 23.1 34.7
84 89.9 69.6 104.4



#32
1,1,1-Trichloroethane
Concen: 54.702 ug/l
RT: 5.48 min Scan# 753
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 97 Resp: 204418
Ion Ratio Lower Upper
97 100
99 64.7 51.8 77.8
61 41.6 33.8 50.6

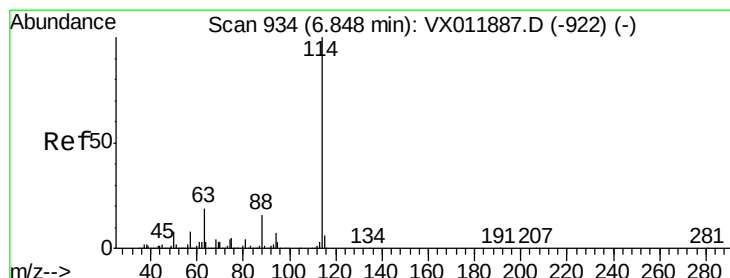
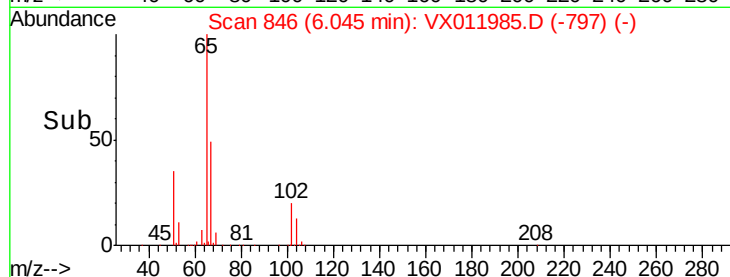
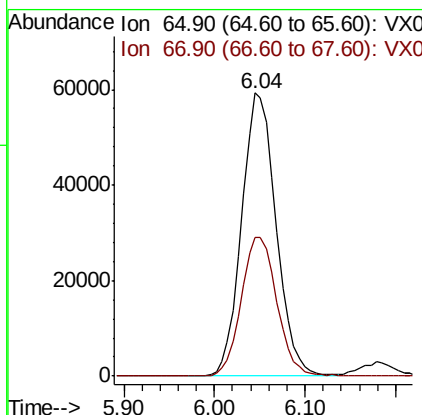
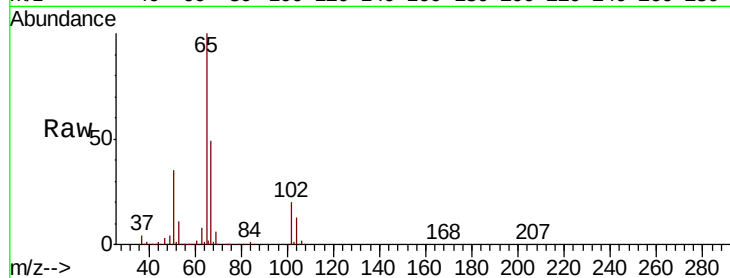




#33
 1,2-Dichloroethane-d4
 Concen: 61.565 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

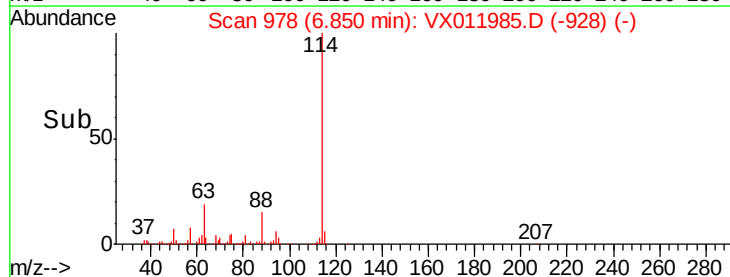
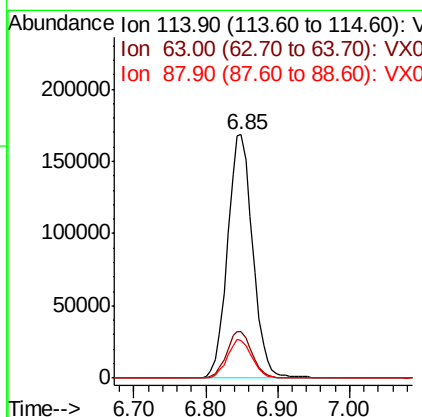
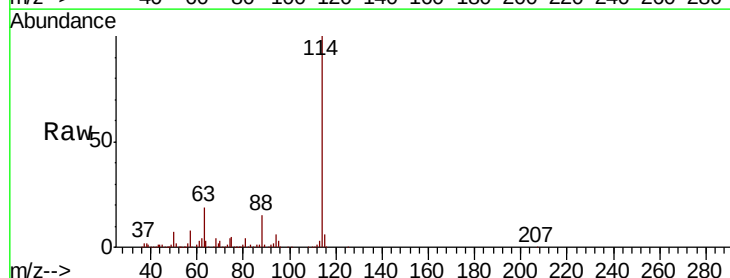
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

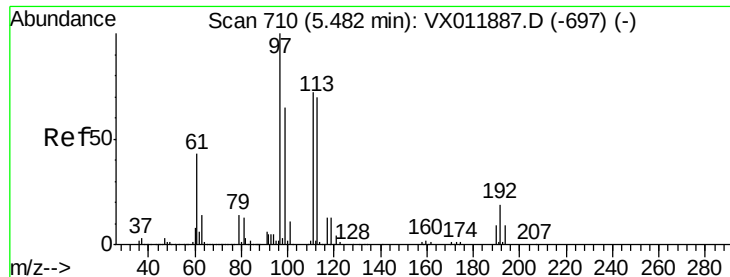
Tgt Ion: 65 Resp: 156471
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 114 Resp: 408696
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.8
 88 15.5 0.0 31.2

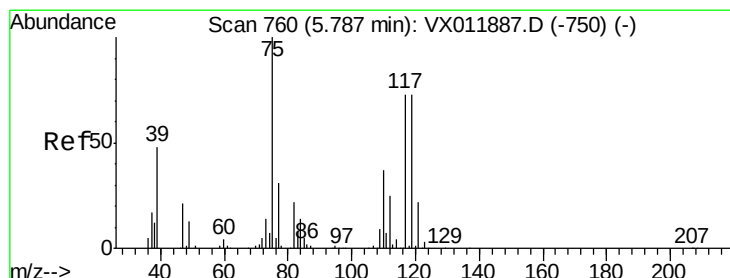
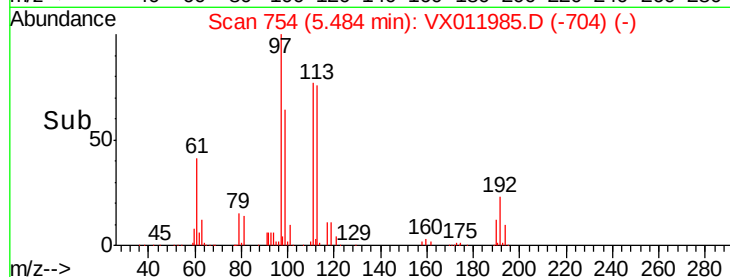
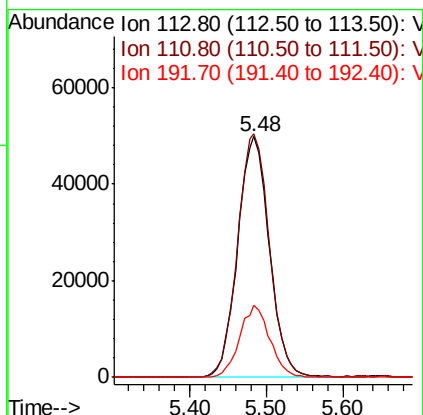
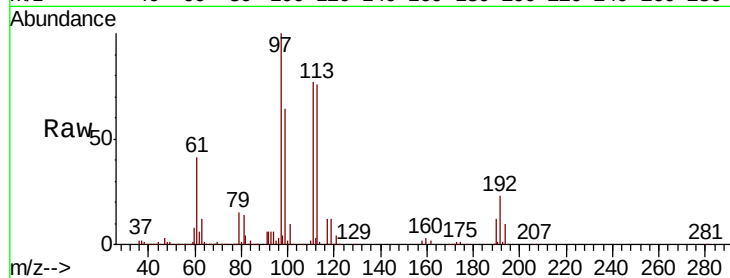




#35
 Dibromofluoromethane
 Concen: 54.598 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

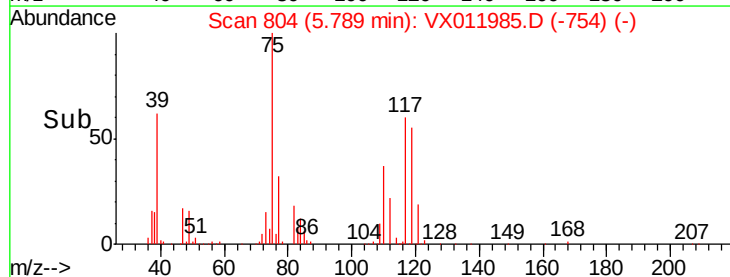
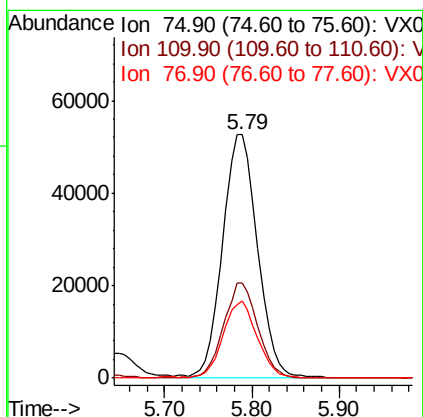
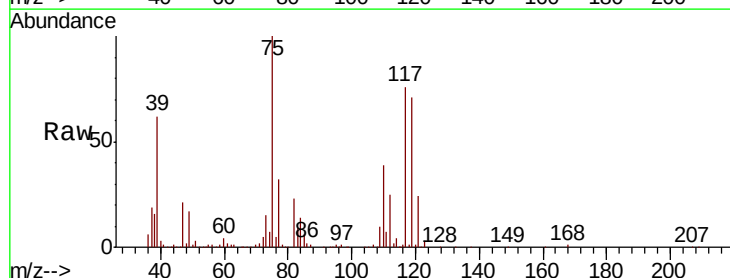
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

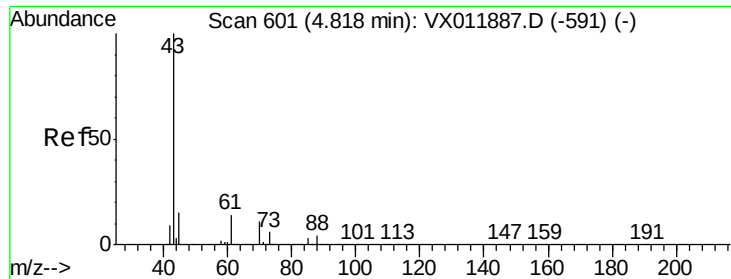
Tgt Ion: 113 Resp: 143086
 Ion Ratio Lower Upper
 113 100
 111 102.1 82.1 123.1
 192 28.5 21.5 32.3



#36
 1,1-Dichloropropene
 Concen: 44.847 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 75 Resp: 145208
 Ion Ratio Lower Upper
 75 100
 110 38.5 19.1 57.3
 77 30.8 24.4 36.6





#37

Ethyl Acetate

Concen: 54.028 ug/l

RT: 4.81 min Scan# 644

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

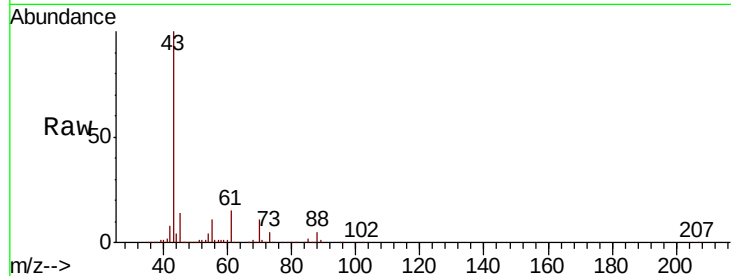
Tgt Ion: 43 Resp: 103550

Ion Ratio Lower Upper

43 100

61 14.1 11.0 16.4

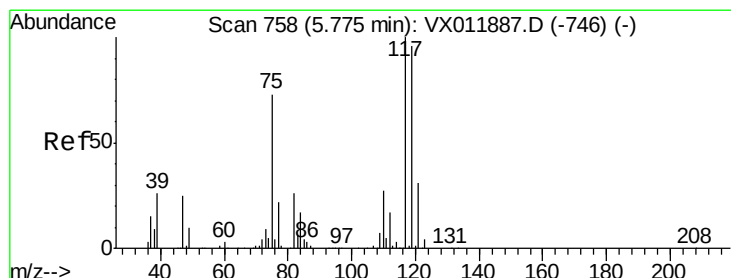
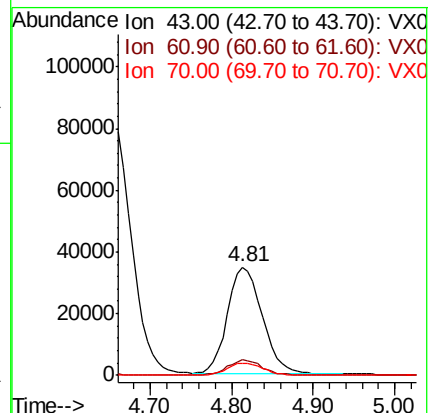
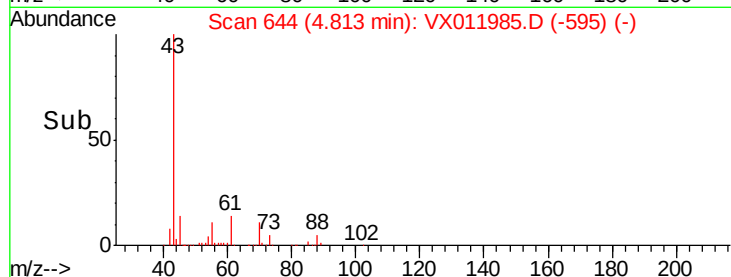
70 12.0 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX011887.D (-591) (-)

Ion 60.90 (60.60 to 61.60): VX011887.D (-591) (-)

Ion 70.00 (69.70 to 70.70): VX011887.D (-591) (-)



#38

Carbon Tetrachloride

Concen: 47.413 ug/l

RT: 5.77 min Scan# 801

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

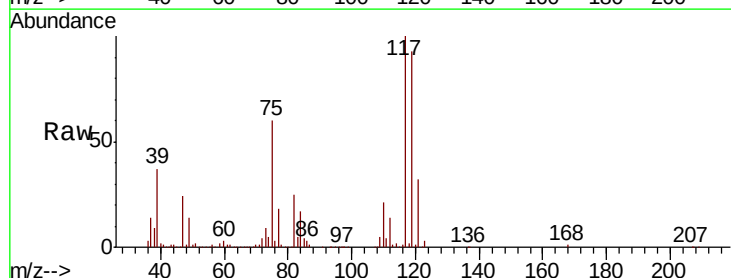
Tgt Ion: 117 Resp: 178044

Ion Ratio Lower Upper

117 100

119 93.3 76.6 114.8

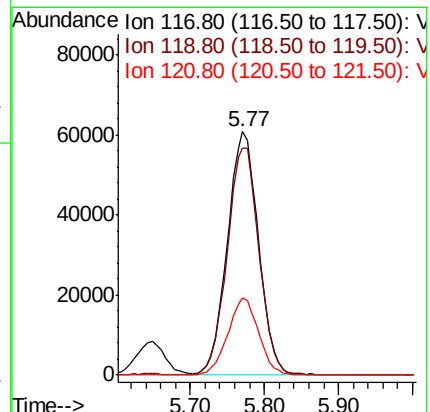
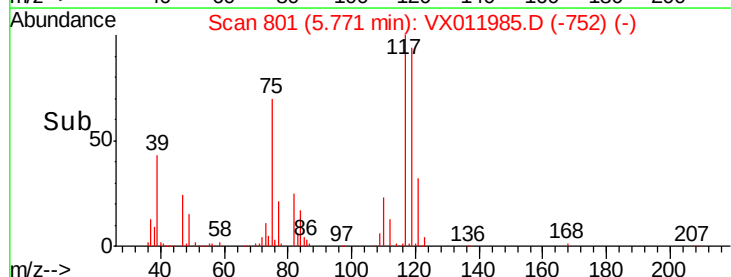
121 31.9 24.7 37.1

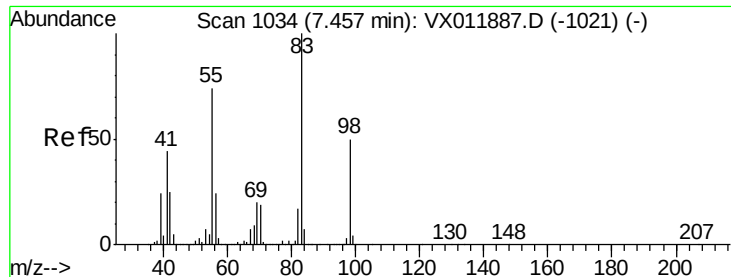


Abundance Ion 116.80 (116.50 to 117.50): VX011887.D (-746) (-)

Ion 118.80 (118.50 to 119.50): VX011887.D (-746) (-)

Ion 120.80 (120.50 to 121.50): VX011887.D (-746) (-)

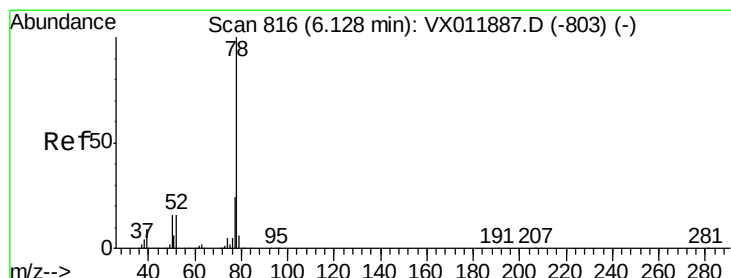
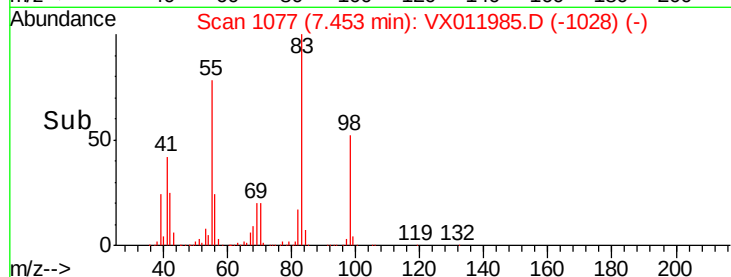
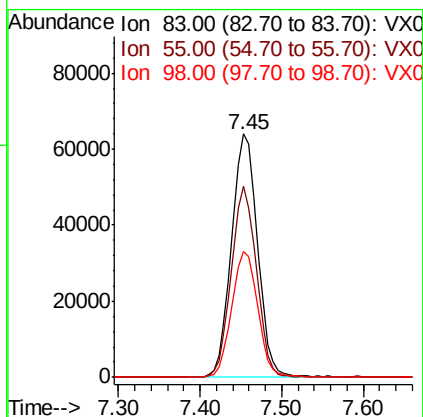
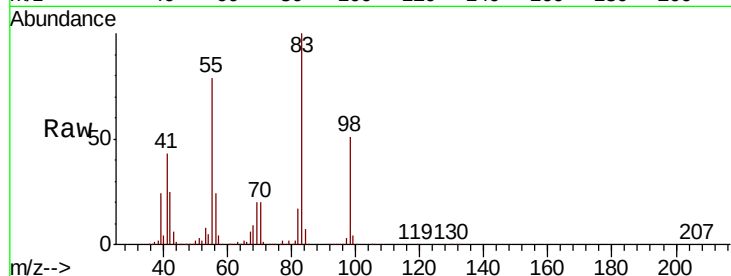




#39
Methylcyclohexane
Concen: 36.525 ug/l
RT: 7.45 min Scan# 1077
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

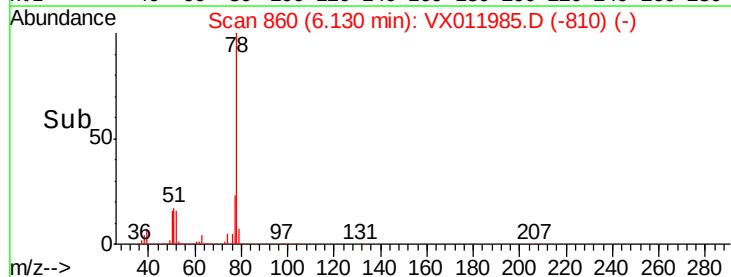
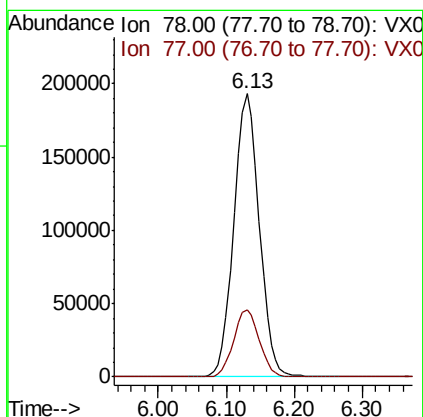
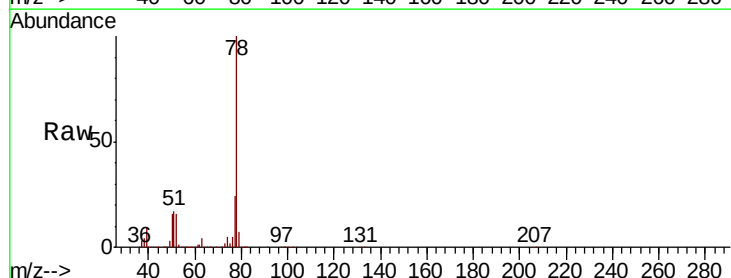
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

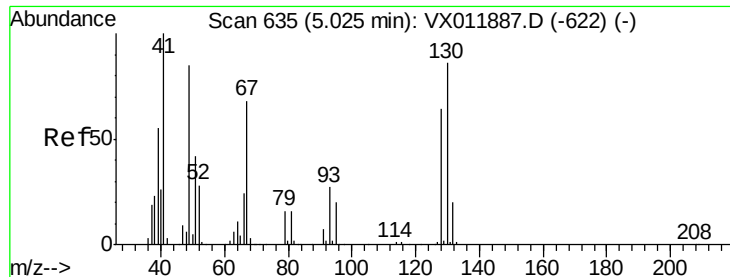
Tgt Ion: 83 Resp: 140863
Ion Ratio Lower Upper
83 100
55 78.4 59.4 89.0
98 51.4 40.3 60.5



#40
Benzene
Concen: 51.939 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 78 Resp: 501980
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

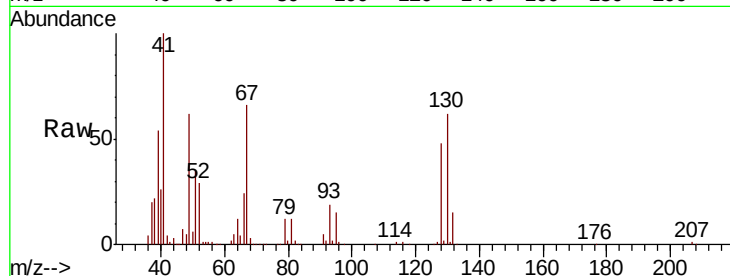




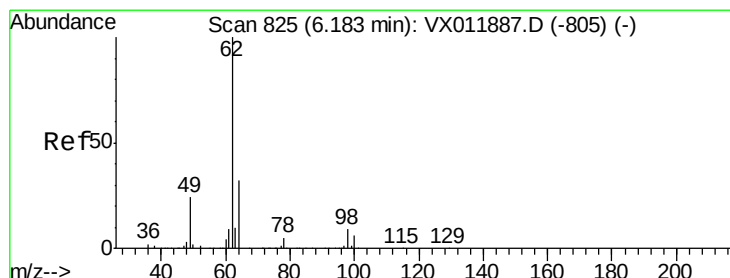
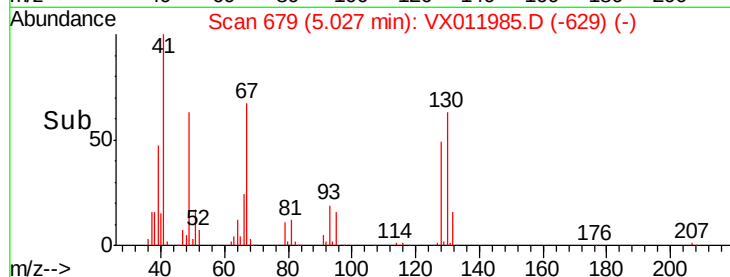
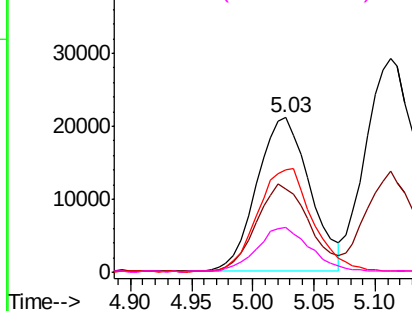
#41
Methacrylonitrile
Concen: 56.250 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	63478
Ion	Ratio	Lower	Upper
41	100		
39	56.6	45.0	67.6
67	70.3	55.0	82.4
52	29.4	24.1	36.1

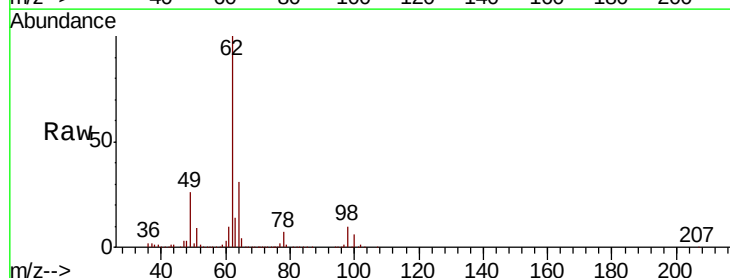


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

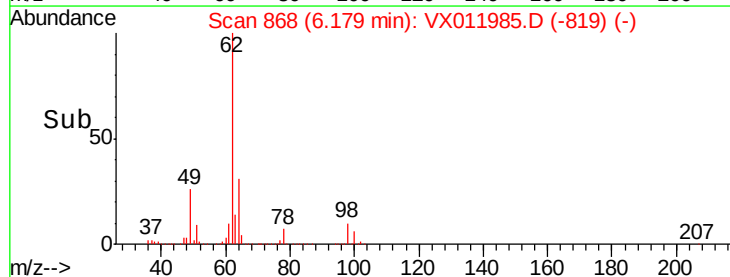
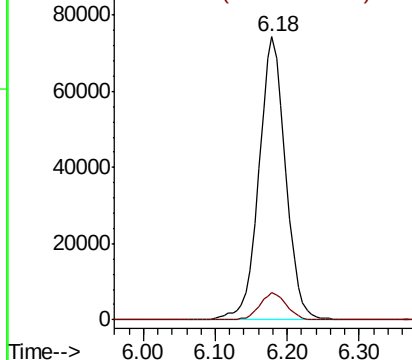


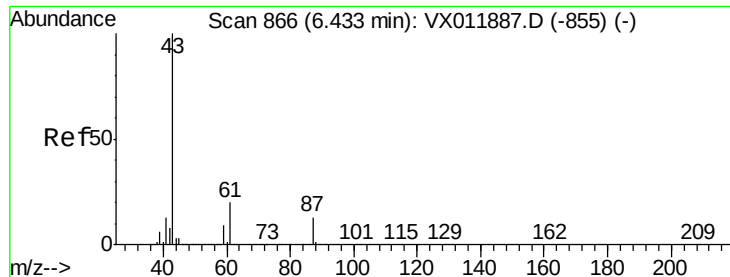
#42
1,2-Dichloroethane
Concen: 58.190 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion:	62	Resp:	191254
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.2



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





#43

Isopropyl Acetate

Concen: 55.419 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

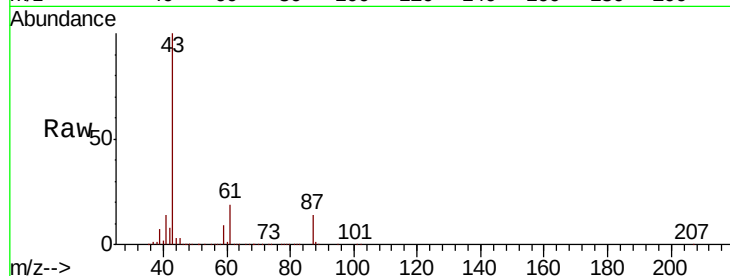
Tgt Ion: 43 Resp: 215348

Ion Ratio Lower Upper

43 100

61 19.9 16.1 24.1

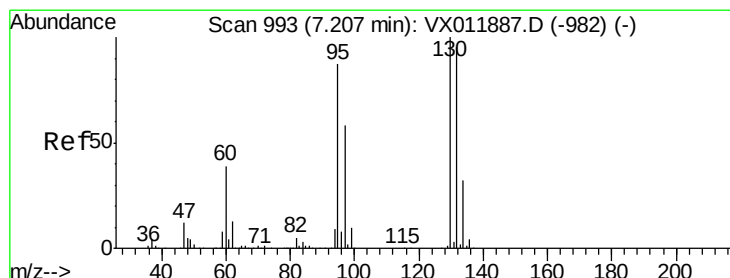
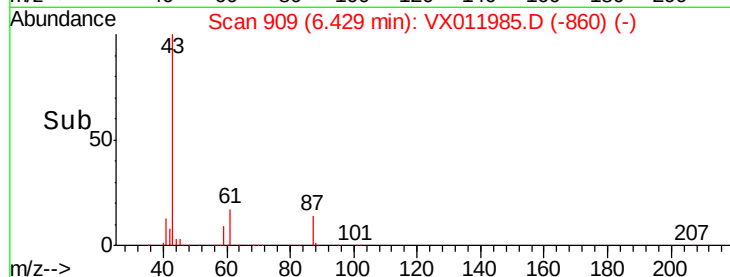
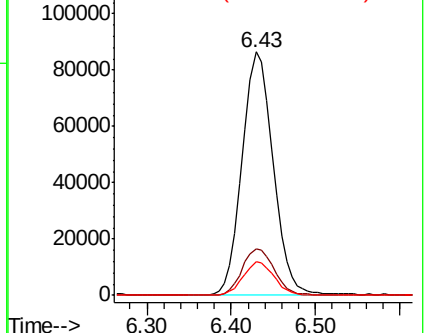
87 13.7 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VX011887.D (-855) (-)

Ion 61.00 (60.70 to 61.70): VX011887.D (-855) (-)

Ion 87.00 (86.70 to 87.70): VX011887.D (-855) (-)



#44

Trichloroethene

Concen: 52.784 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.00 min

Lab File: VX011985.D

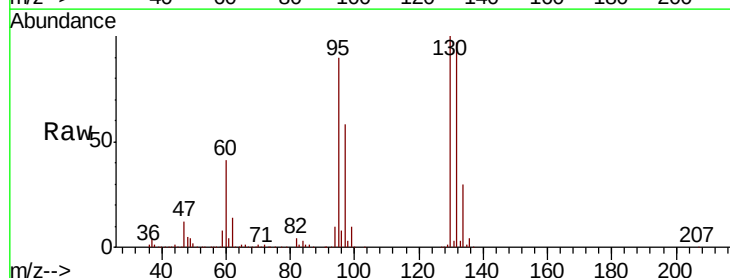
Acq: 01 Sep 2019 08:12

Tgt Ion: 130 Resp: 157843

Ion Ratio Lower Upper

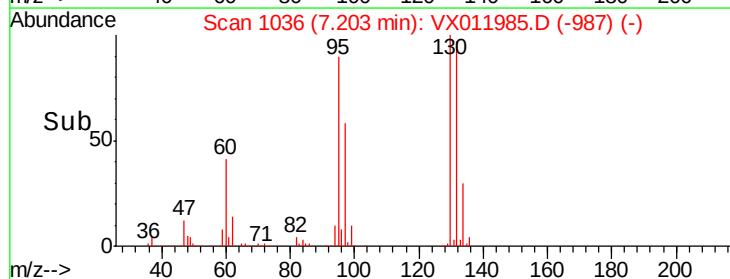
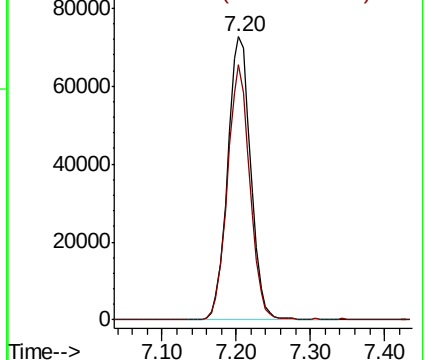
130 100

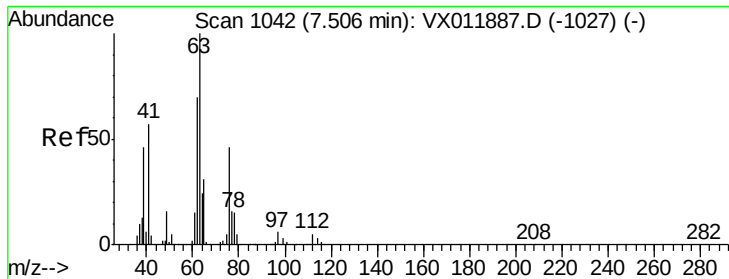
95 90.2 0.0 174.6



Abundance Ion 129.80 (129.50 to 130.50): VX011887.D (-982) (-)

Ion 94.90 (94.60 to 95.60): VX011887.D (-982) (-)

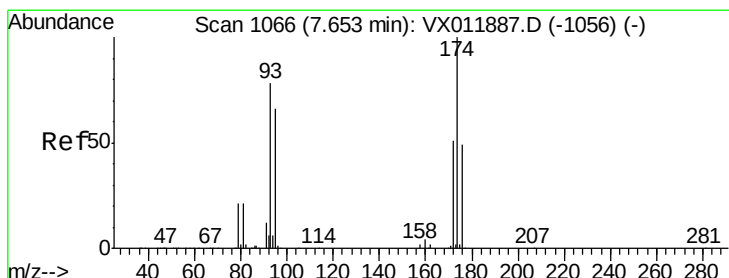
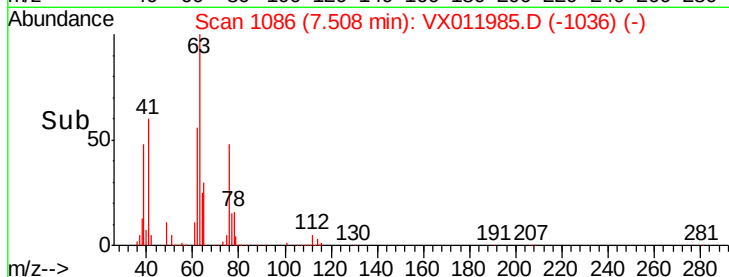
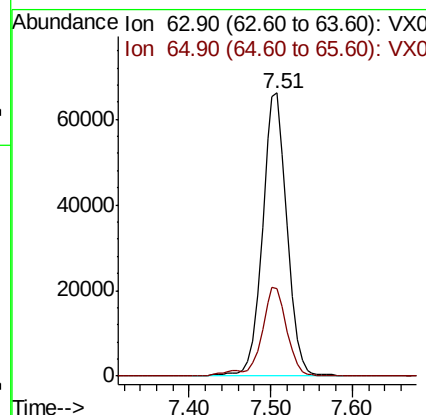
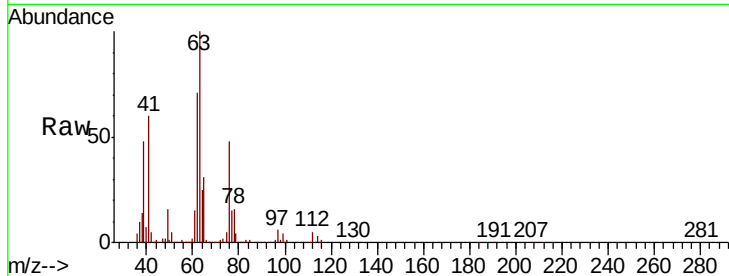




#45
 1,2-Dichloropropane
 Concen: 54.805 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

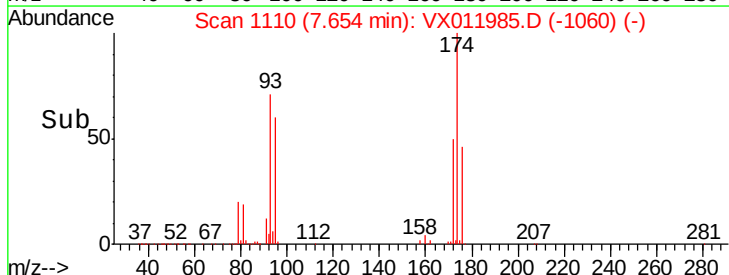
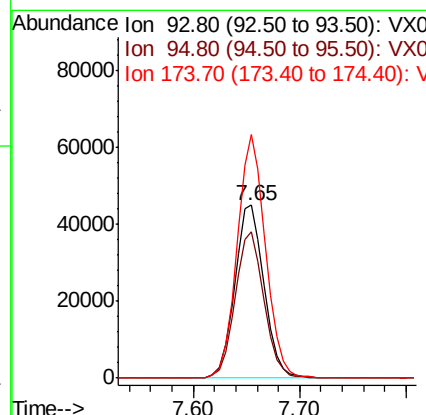
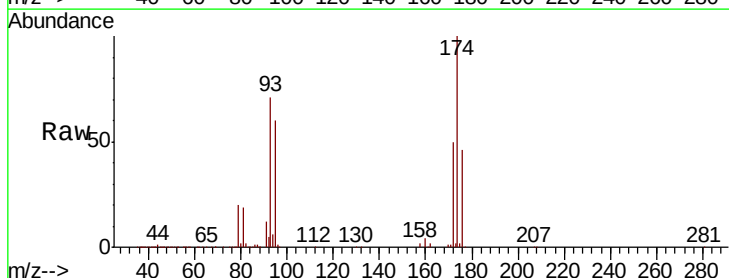
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

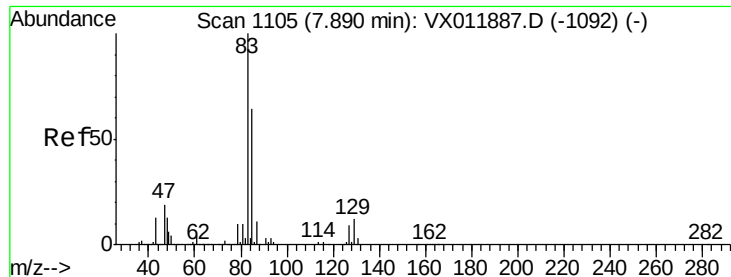
Tgt Ion: 63 Resp: 138551
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.1 37.7



#46
 Dibromomethane
 Concen: 57.805 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 93 Resp: 86729
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.7 98.5
 174 136.5 104.2 156.4





#47

Bromodichloromethane

Concen: 57.295 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

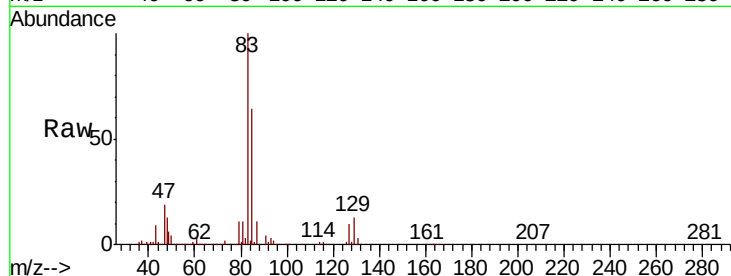
Tgt Ion: 83 Resp: 213164

Ion Ratio Lower Upper

83 100

85 64.3 51.1 76.7

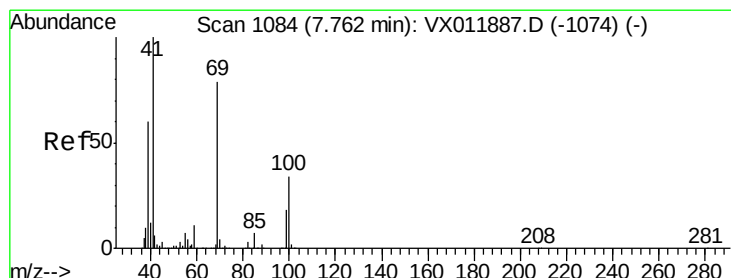
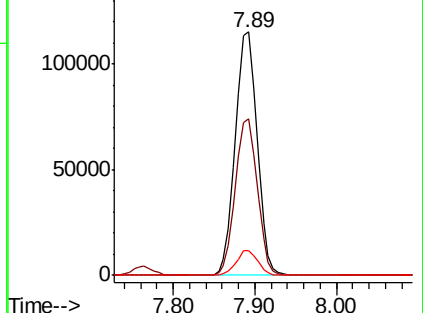
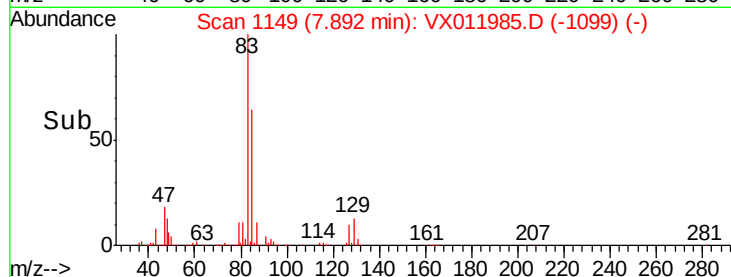
127 10.0 7.4 11.2



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: 55.802 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

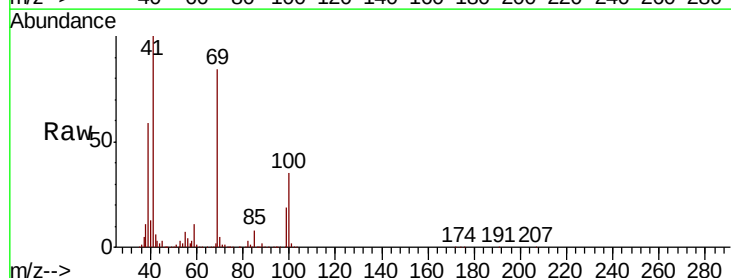
Tgt Ion: 41 Resp: 105505

Ion Ratio Lower Upper

41 100

69 82.5 64.4 96.6

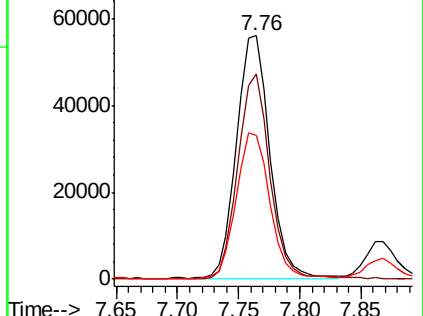
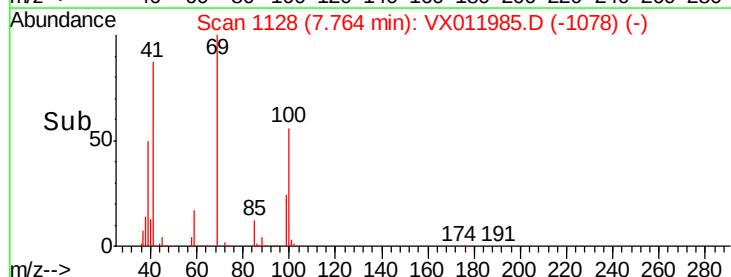
39 60.1 47.2 70.8

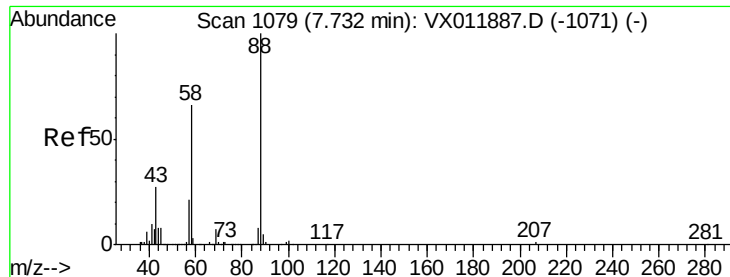


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

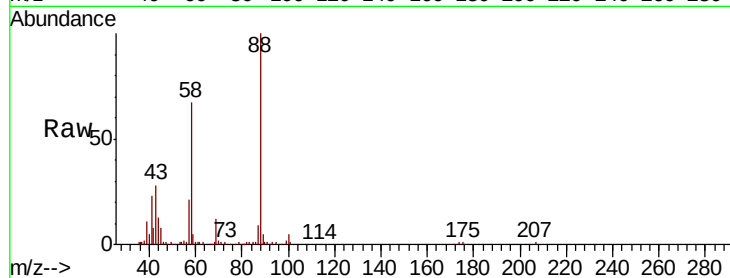




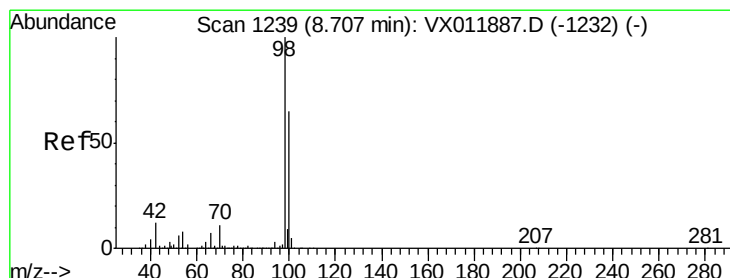
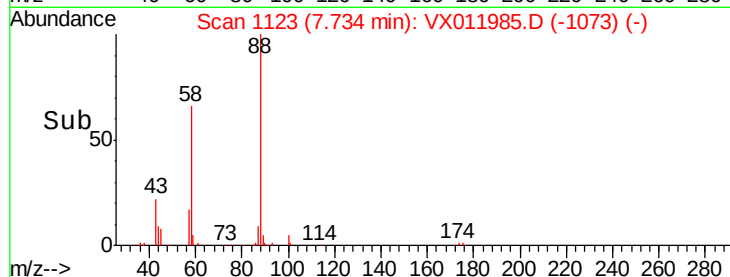
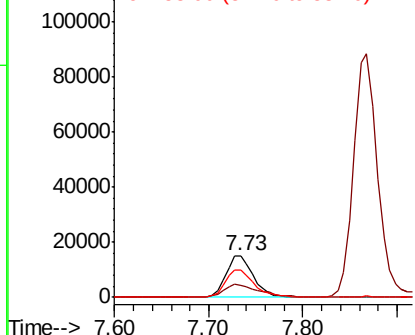
#49
1,4-Dioxane
Concen: 1165.787 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 30310
Ion Ratio Lower Upper
88 100
43 37.4 27.3 40.9
58 70.2 53.9 80.9

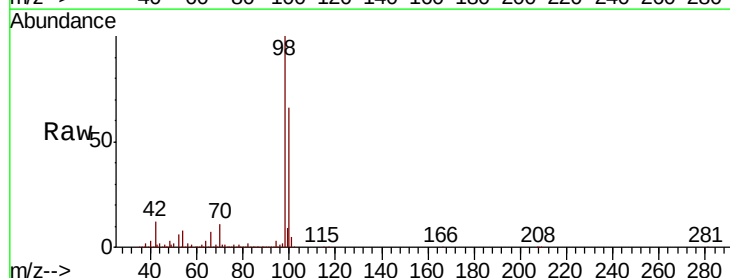


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

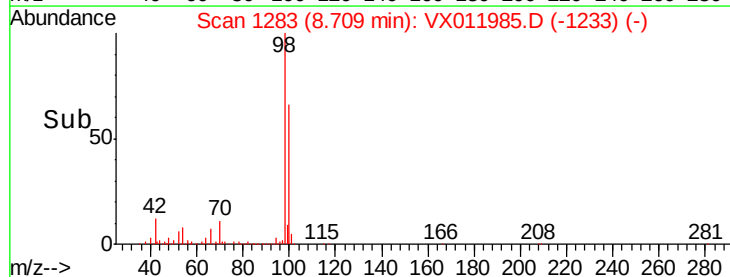
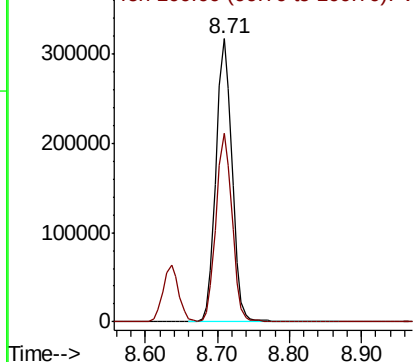


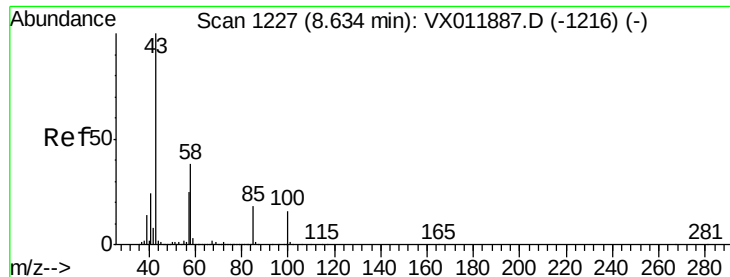
#50
Toluene-d8
Concen: 52.322 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 98 Resp: 490172
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.6



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

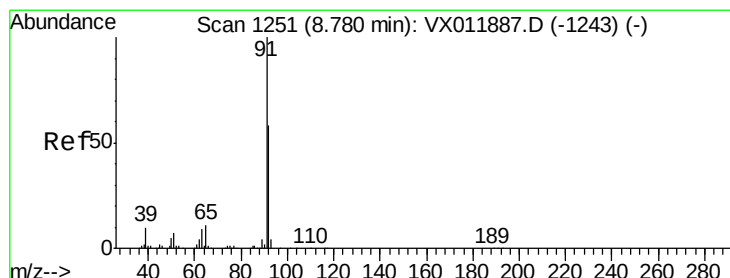
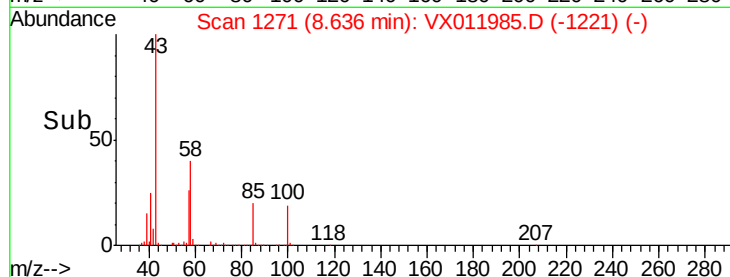
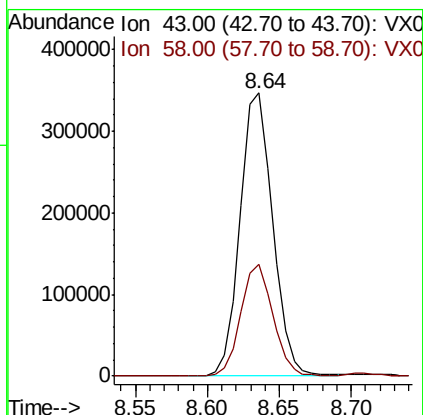
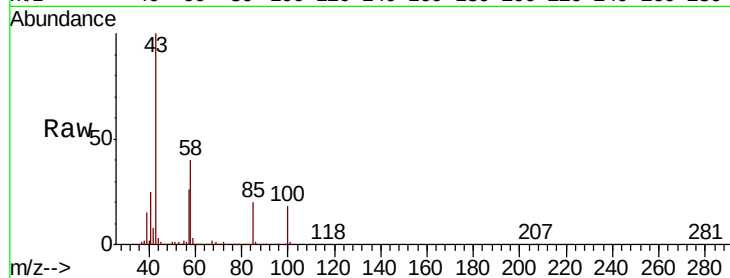




#51
 4-Methyl-2-Pentanone
 Concen: 277.103 ug/l
 RT: 8.64 min Scan# 1271
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

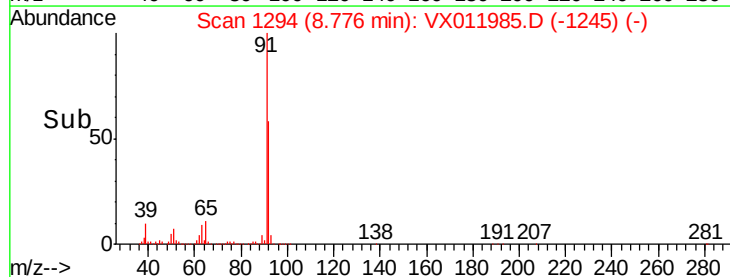
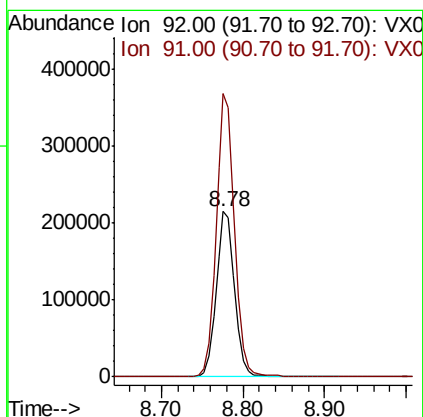
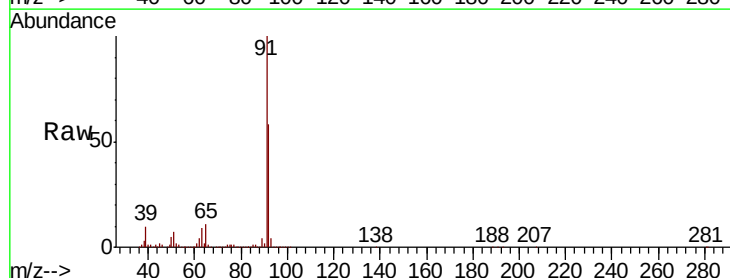
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

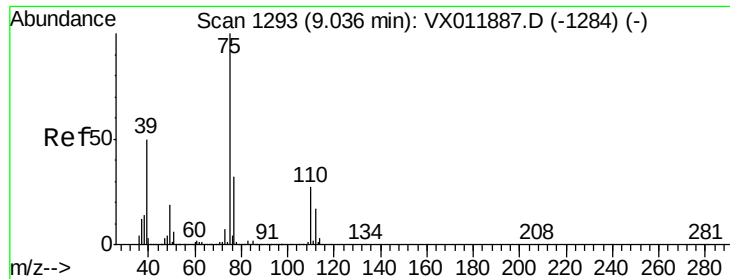
Tgt Ion: 43 Resp: 547012
 Ion Ratio Lower Upper
 43 100
 58 38.8 30.9 46.3



#52
 Toluene
 Concen: 53.135 ug/l
 RT: 8.78 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 92 Resp: 339747
 Ion Ratio Lower Upper
 92 100
 91 169.3 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 52.184 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

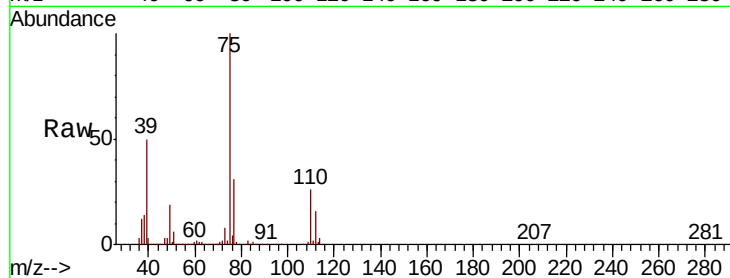
VSTDCCC050EC

Tgt Ion: 75 Resp: 198872

Ion Ratio Lower Upper

75 100

77 31.2 25.6 38.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.03

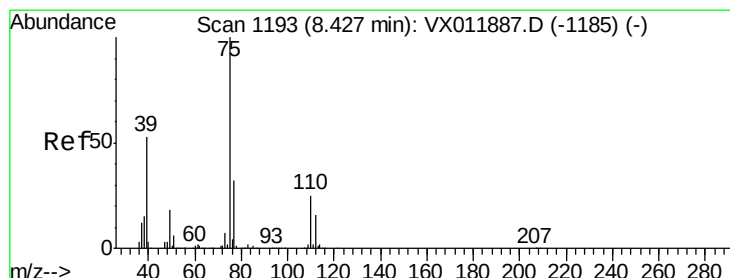
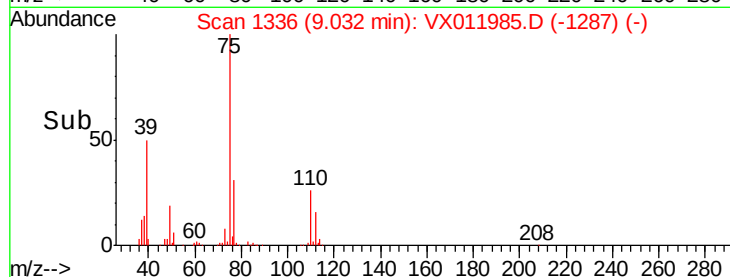
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 51.583 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

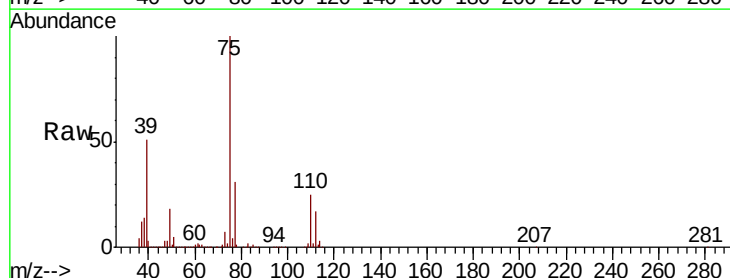
Tgt Ion: 75 Resp: 220674

Ion Ratio Lower Upper

75 100

77 31.2 25.5 38.3

39 51.2 42.6 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

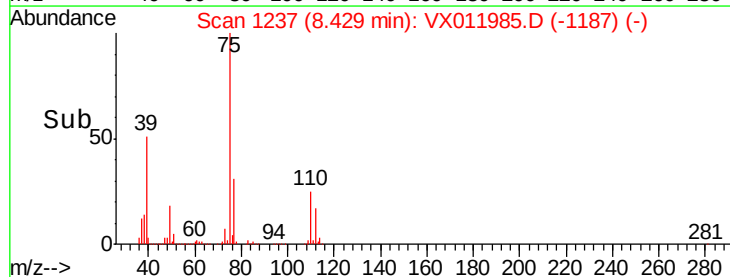
150000

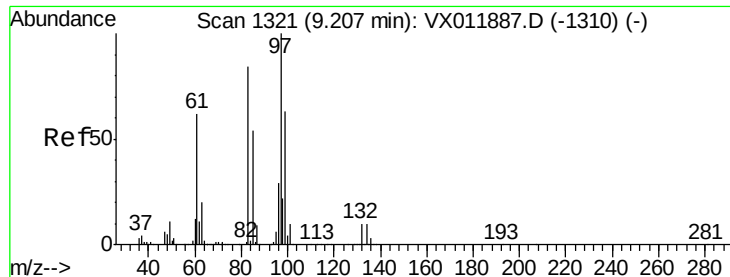
100000

50000

0

Time-->

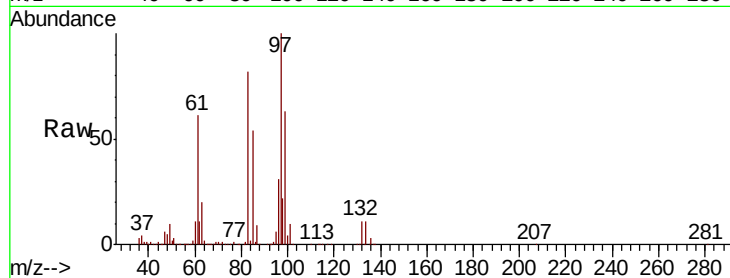




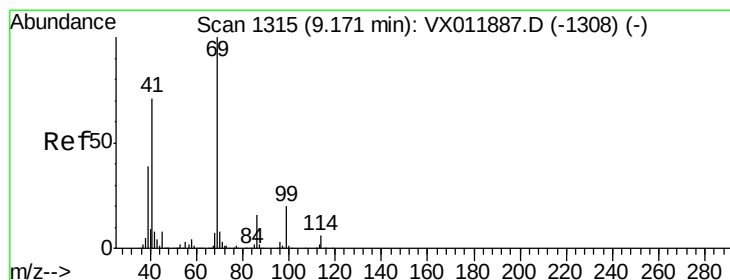
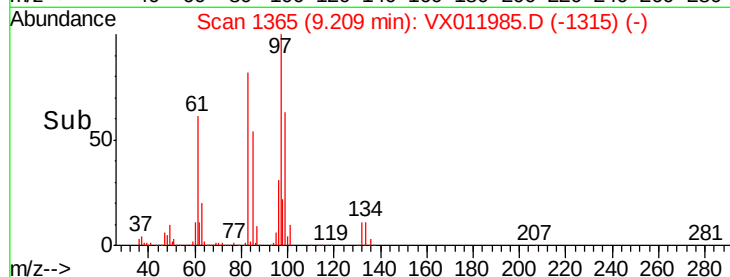
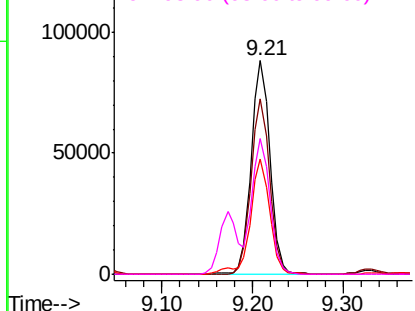
#55
 1,1,2-Trichloroethane
 Concen: 57.970 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:	97	Resp:	127331
Ion	Ratio	Lower	Upper
97	100		
83	81.9	66.8	100.2
85	54.1	43.5	65.3
99	63.5	50.6	75.8

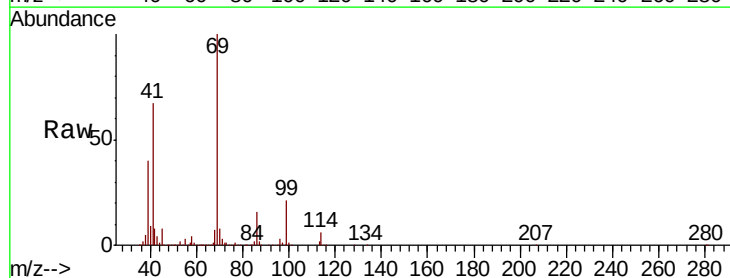


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

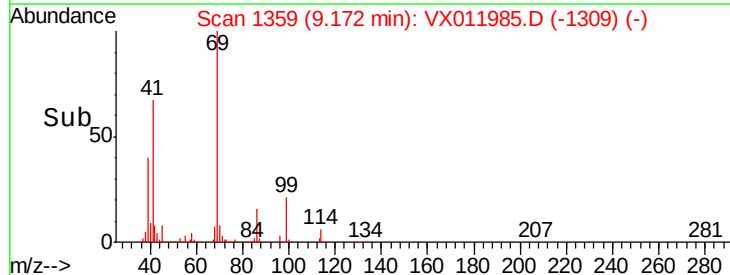
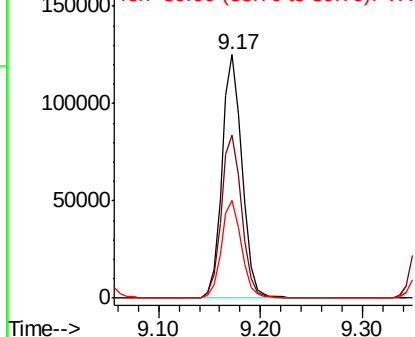


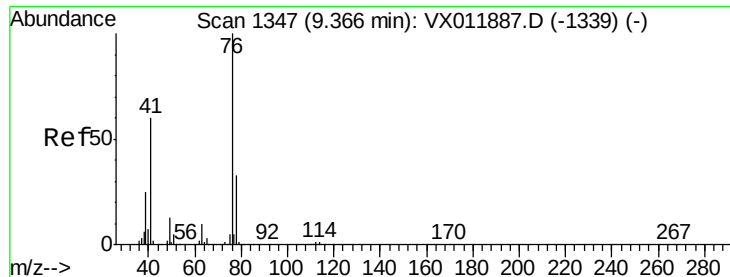
#56
 Ethyl methacrylate
 Concen: 56.225 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion:	69	Resp:	171402
Ion	Ratio	Lower	Upper
69	100		
41	68.2	55.8	83.8
39	39.8	31.1	46.7



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0

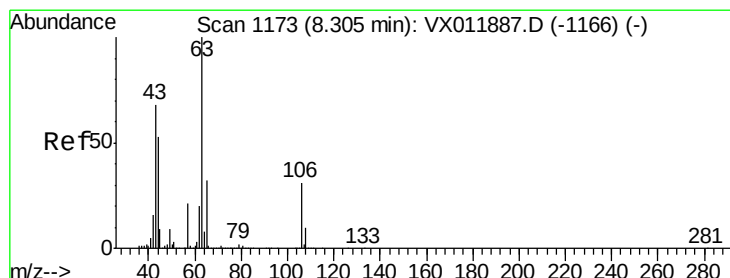
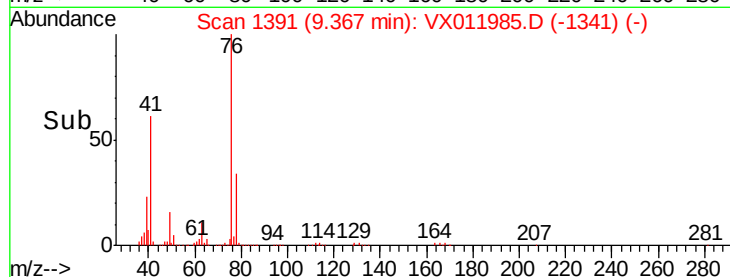
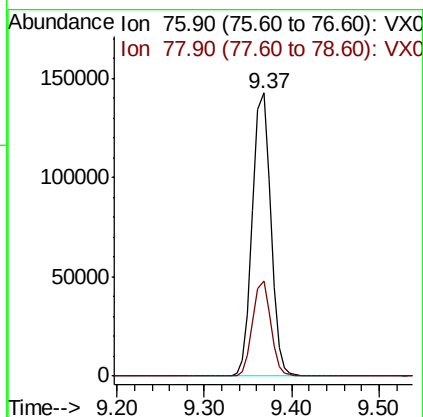
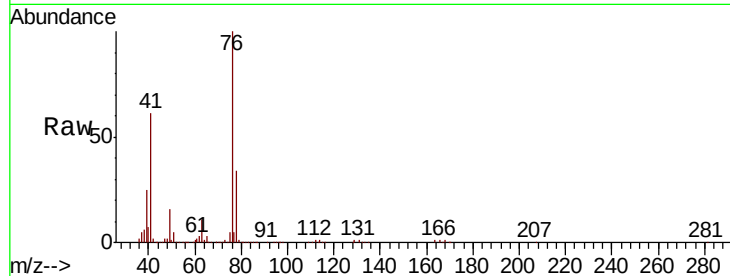




#57
 1,3-Dichloropropane
 Concen: 56.976 ug/l
 RT: 9.37 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

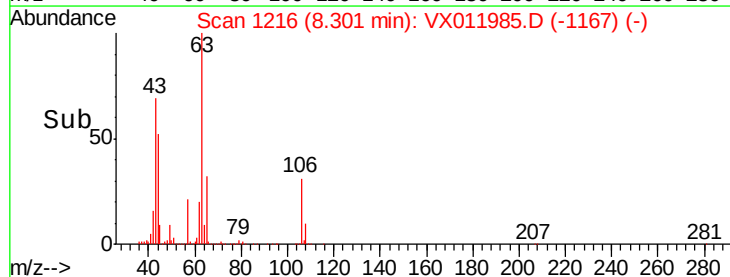
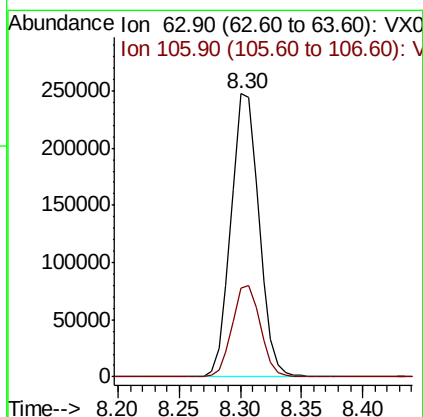
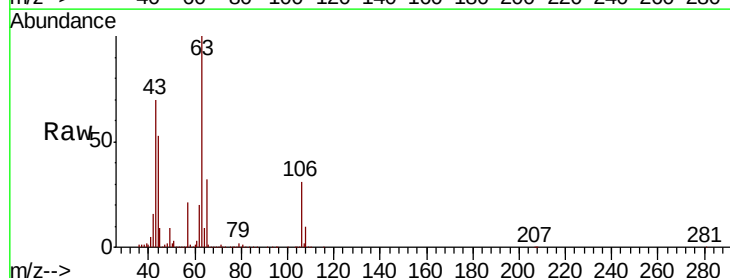
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

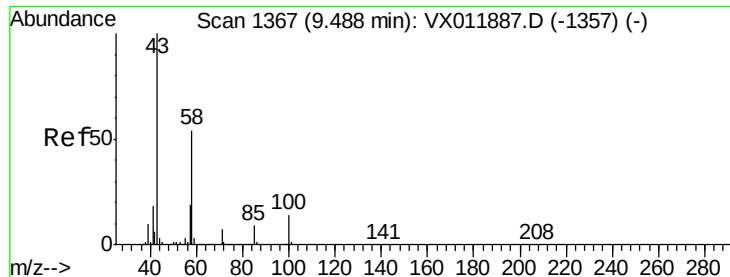
Tgt Ion: 76 Resp: 207716
 Ion Ratio Lower Upper
 76 100
 78 33.2 26.4 39.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 270.185 ug/l
 RT: 8.30 min Scan# 1216
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 63 Resp: 392299
 Ion Ratio Lower Upper
 63 100
 106 32.5 24.8 37.2

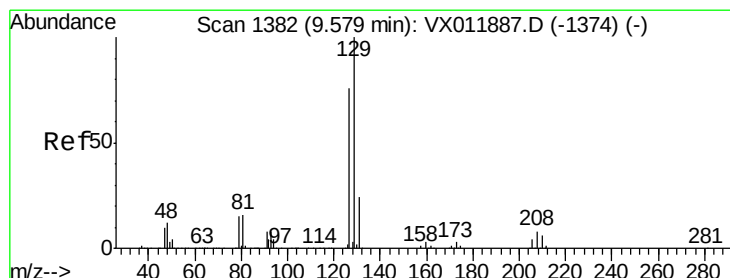
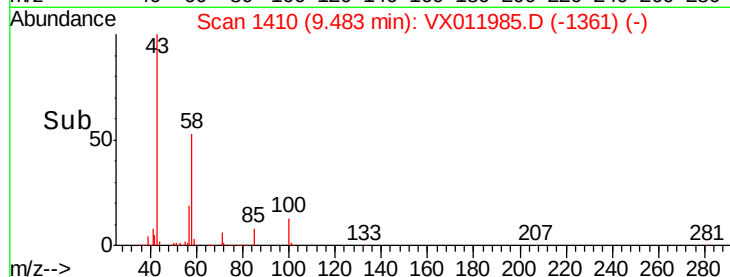
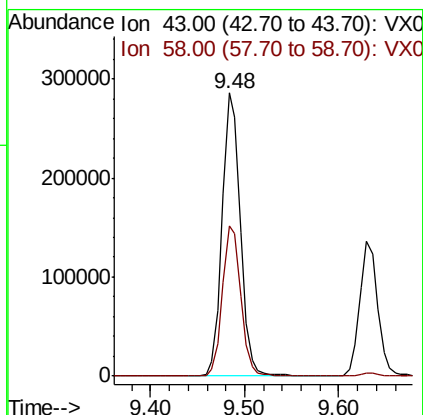
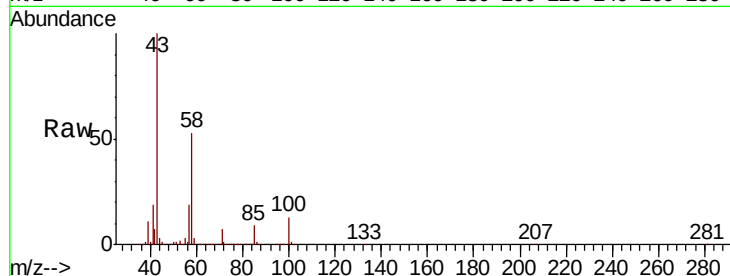




#59
2-Hexanone
Concen: 273.695 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

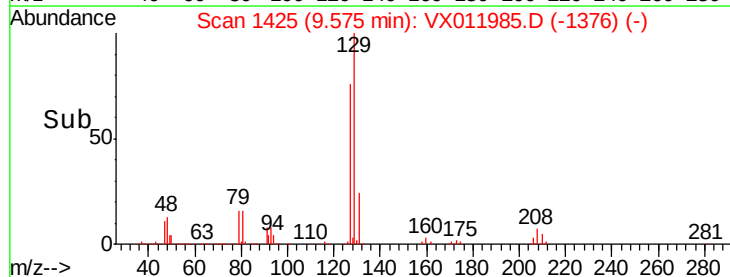
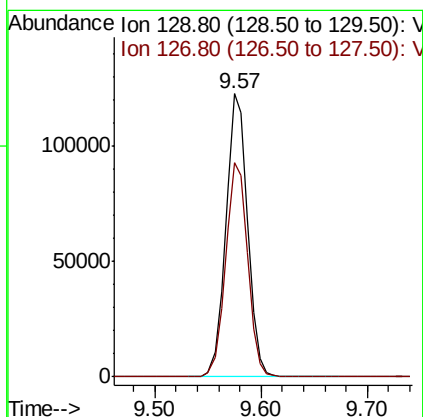
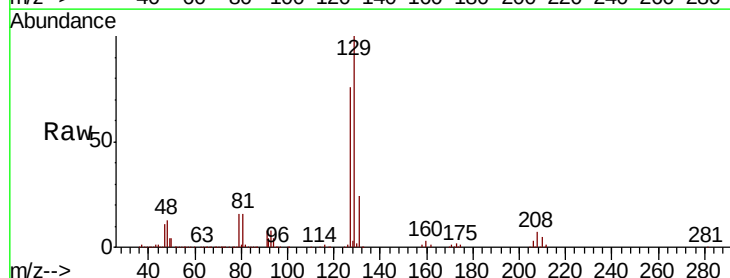
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

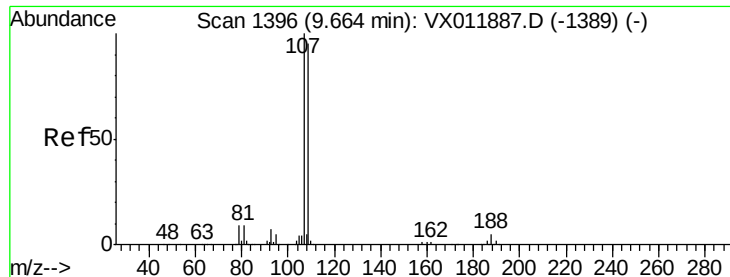
Tgt Ion: 43 Resp: 383785
Ion Ratio Lower Upper
43 100
58 53.8 26.8 80.4



#60
Dibromochloromethane
Concen: 59.410 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 129 Resp: 175264
Ion Ratio Lower Upper
129 100
127 76.8 38.6 115.7

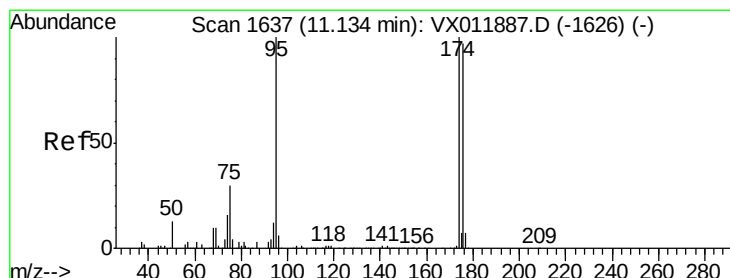
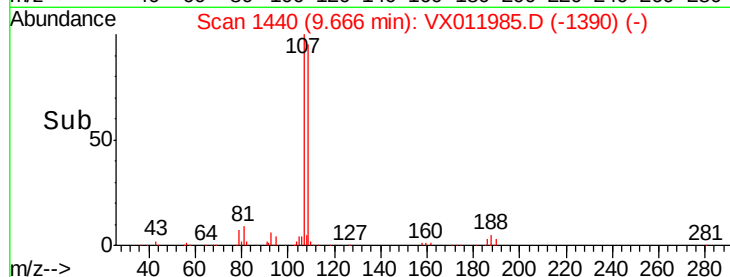
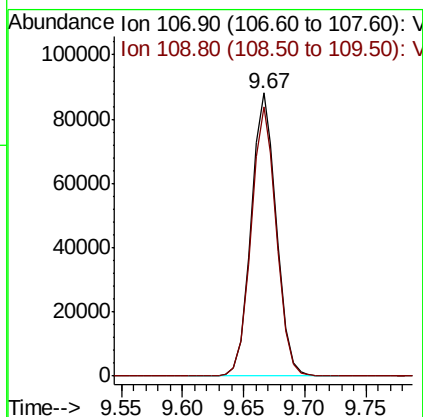
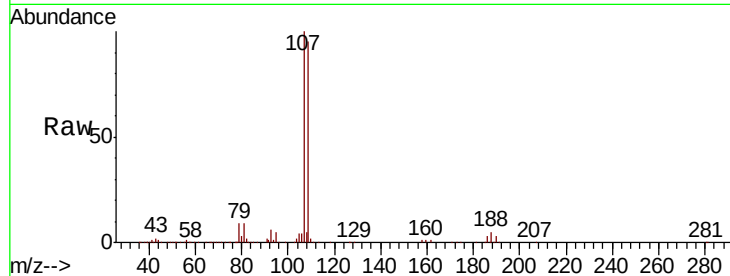




#61
 1,2-Dibromoethane
 Concen: 58.249 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

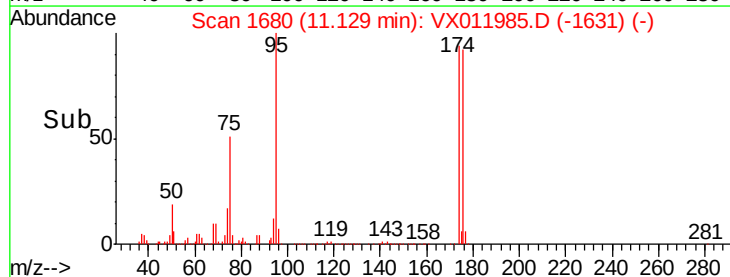
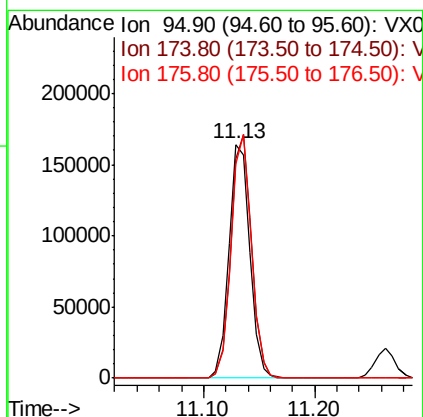
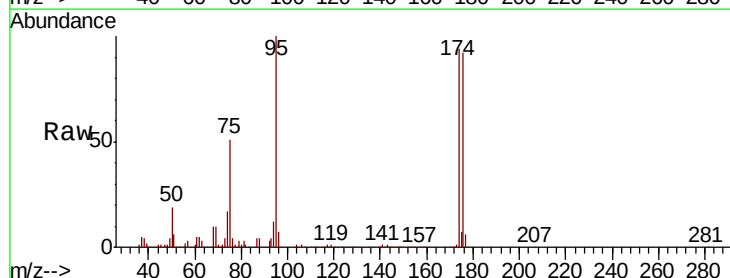
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

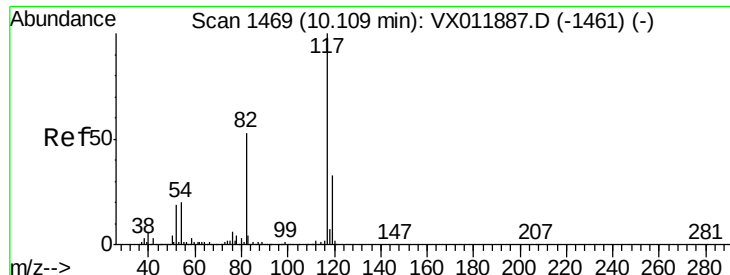
Tgt Ion: 107 Resp: 126850
 Ion Ratio Lower Upper
 107 100
 109 95.3 75.3 112.9



#62
 4-Bromofluorobenzene
 Concen: 51.779 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 95 Resp: 212787
 Ion Ratio Lower Upper
 95 100
 174 102.2 0.0 196.0
 176 100.7 0.0 191.4

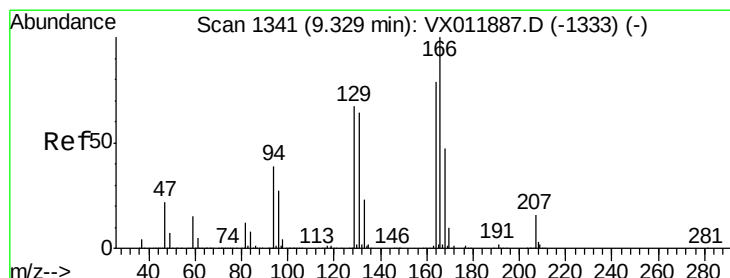
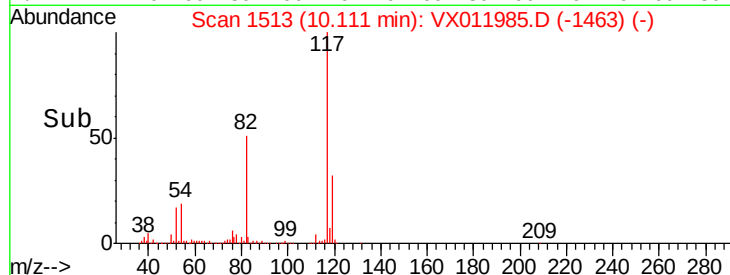
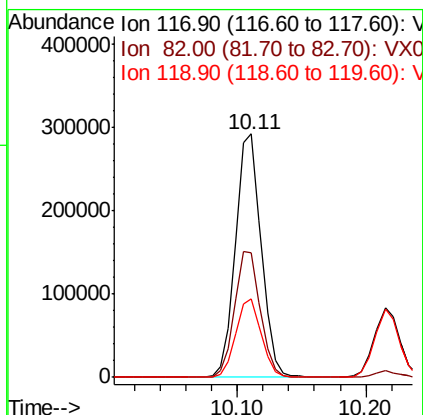
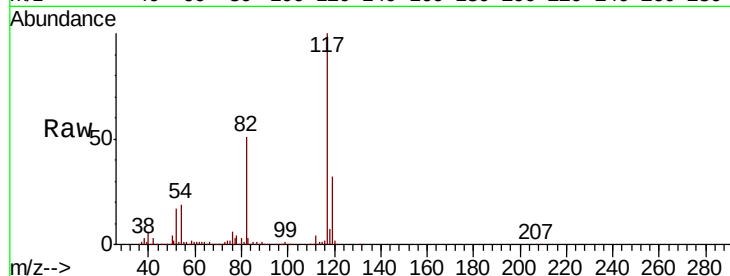




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

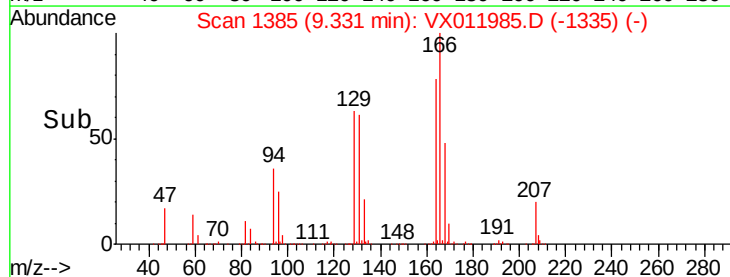
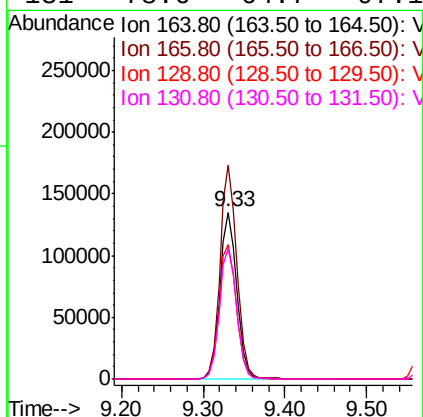
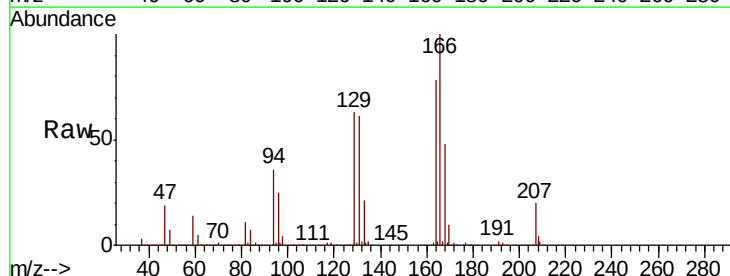
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

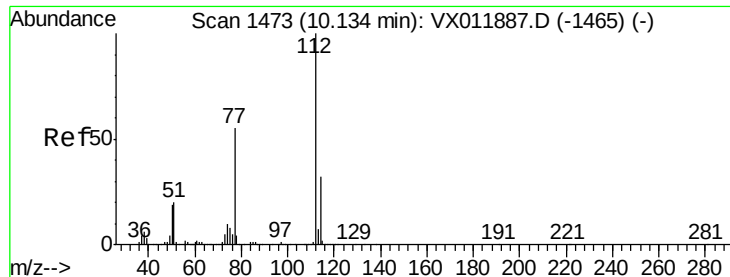
Tgt Ion	Ratio	Lower	Upper
117	100		
82	51.0	42.0	63.0
119	32.3	26.2	39.4



#64
Tetrachloroethene
Concen: 59.975 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.2	101.4	152.0
129	80.5	68.0	102.0
131	78.6	64.7	97.1

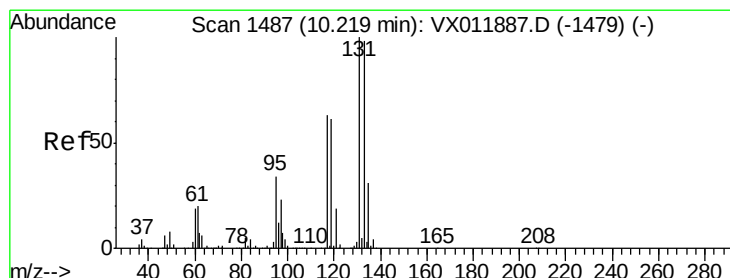
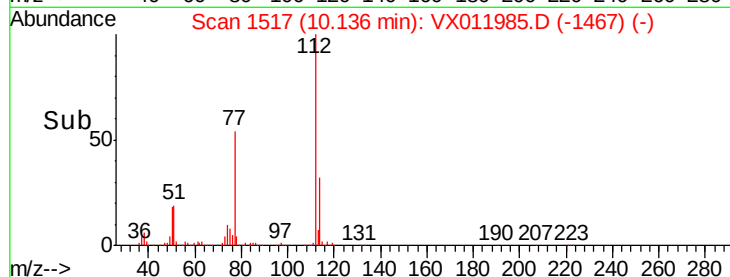
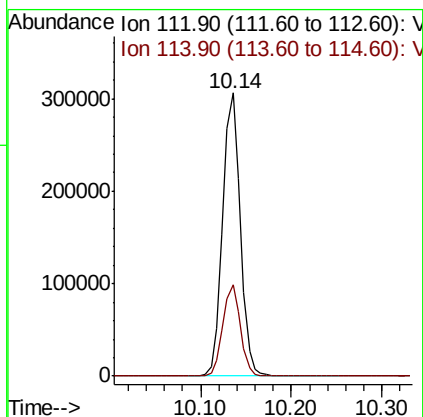
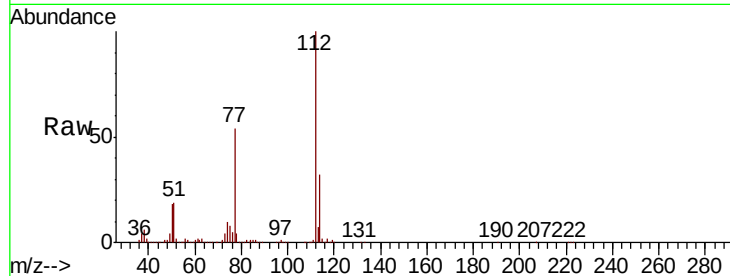




#65
Chlorobenzene
Concen: 52.855 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

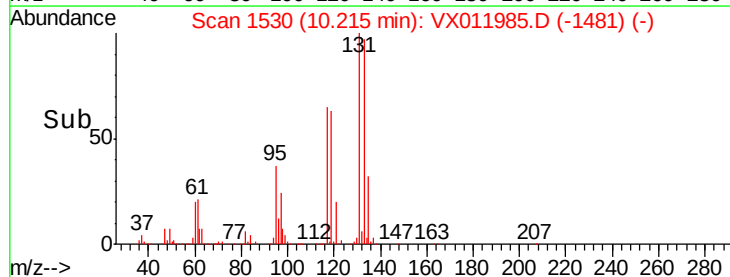
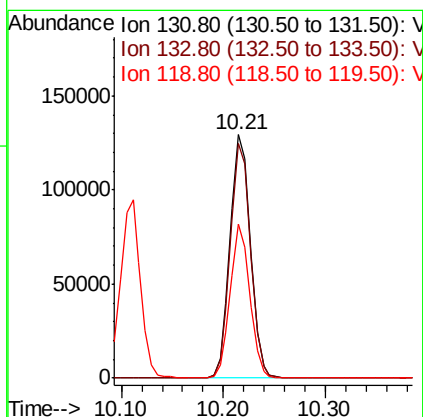
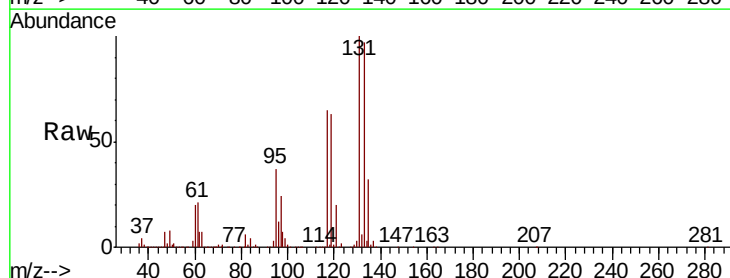
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

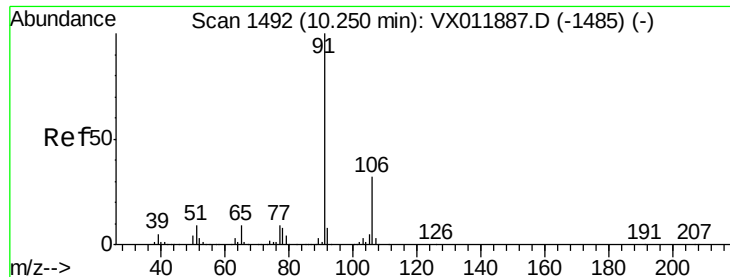
Tgt Ion:112 Resp: 416161
Ion Ratio Lower Upper
112 100
114 32.3 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.860 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion:131 Resp: 177858
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.0
119 60.7 30.6 92.0

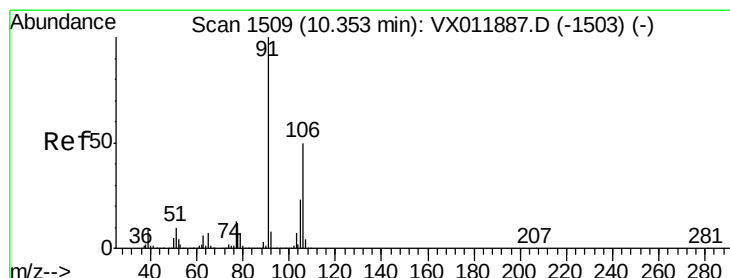
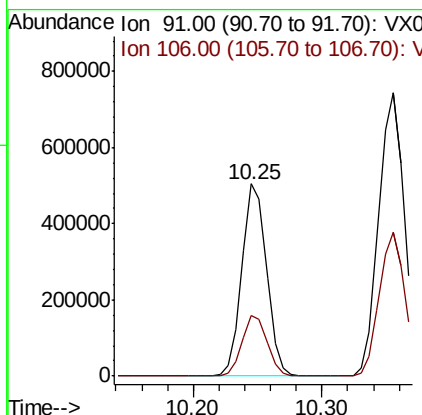
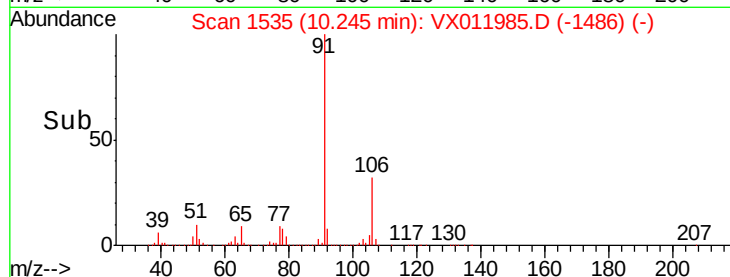
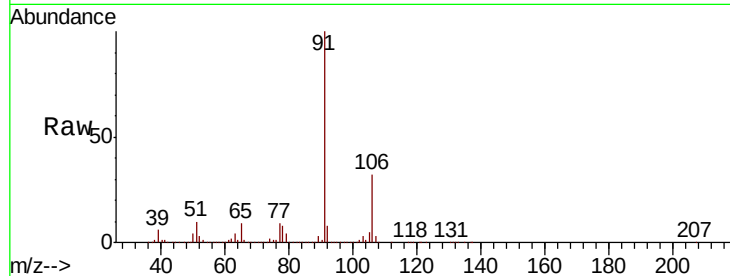




#67
Ethyl Benzene
Concen: 49.968 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

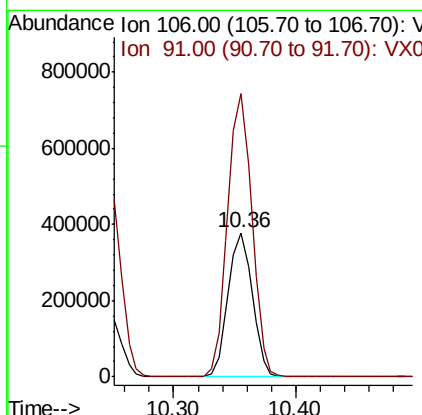
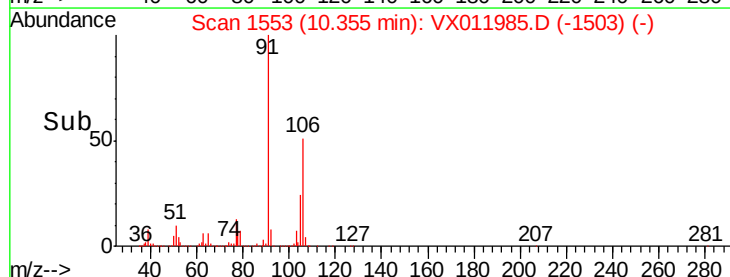
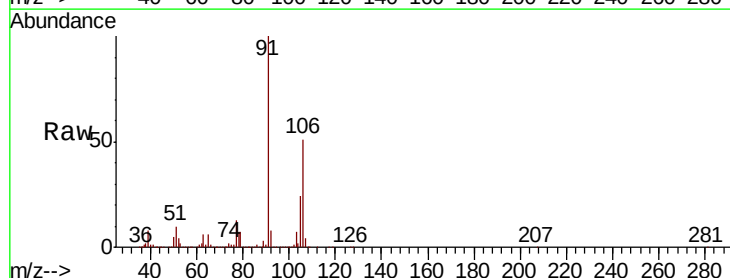
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

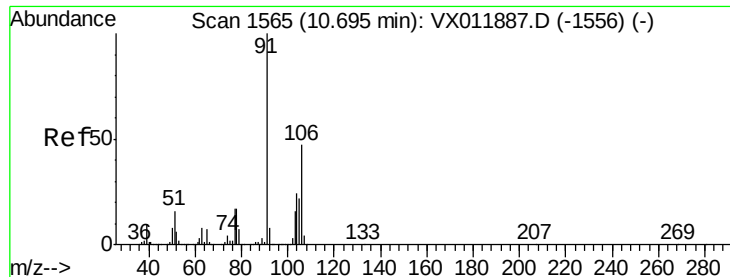
Tgt Ion: 91 Resp: 669233
Ion Ratio Lower Upper
91 100
106 31.9 25.8 38.8



#68
m/p-Xylenes
Concen: 100.521 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 106 Resp: 519849
Ion Ratio Lower Upper
106 100
91 197.7 158.6 237.8

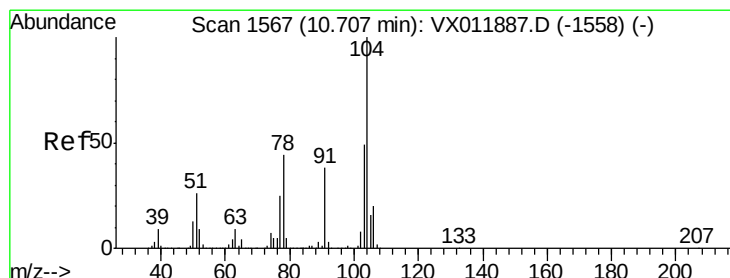
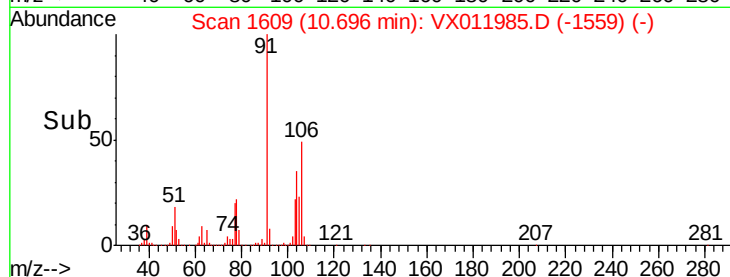
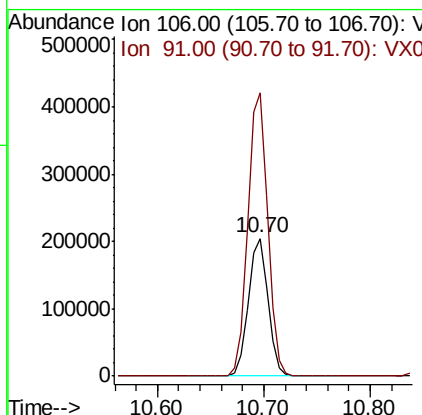
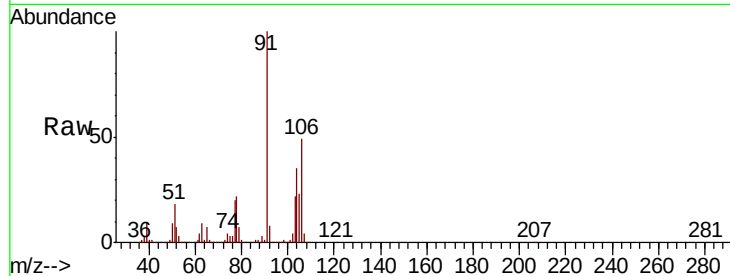




#69
o-Xylene
Concen: 52.764 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

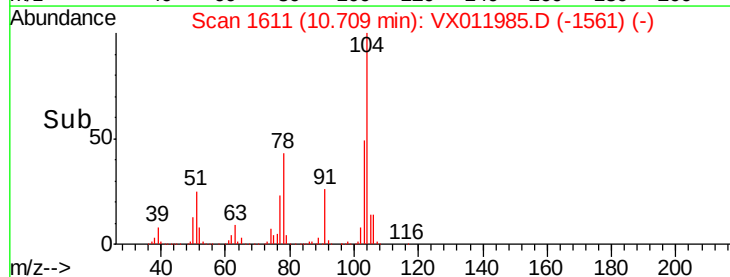
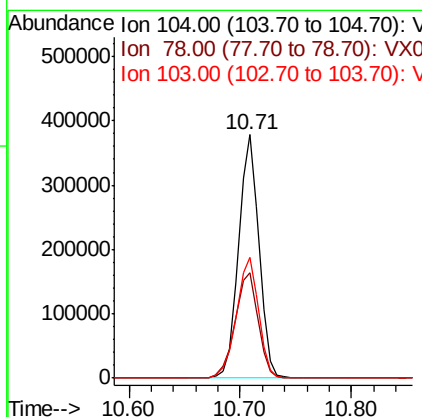
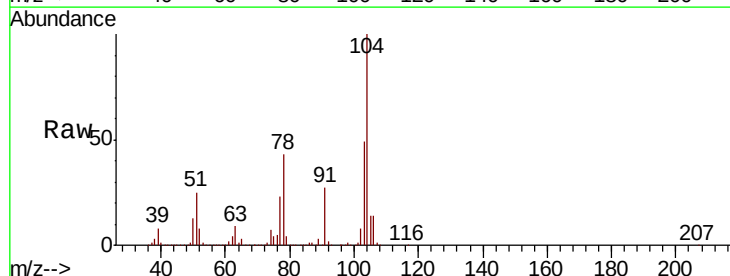
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

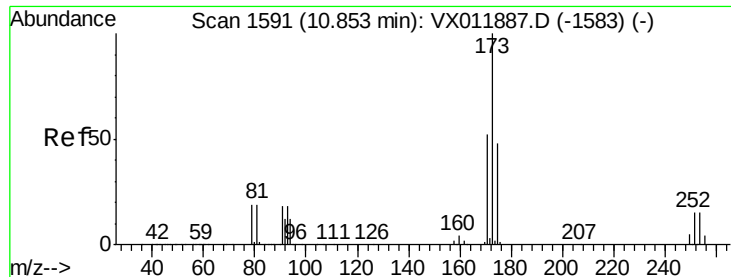
Tgt Ion:106 Resp: 265906
Ion Ratio Lower Upper
106 100
91 207.6 104.8 314.6



#70
Styrene
Concen: 53.779 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion:104 Resp: 477704
Ion Ratio Lower Upper
104 100
78 49.0 39.2 58.8
103 54.0 43.0 64.6





#71

Bromoform

Concen: 56.599 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

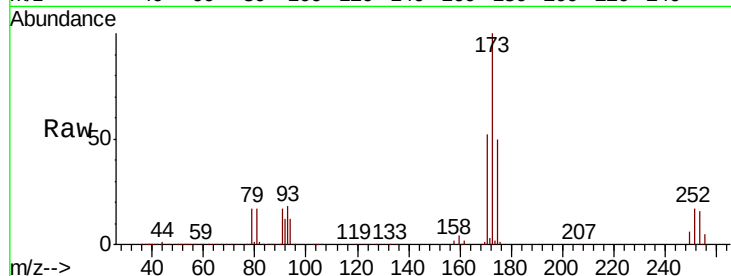
Tgt Ion:173 Resp: 127428

Ion Ratio Lower Upper

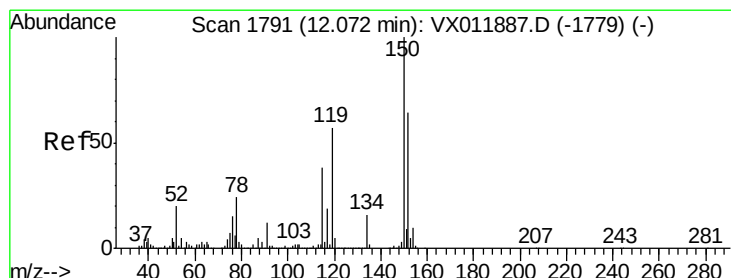
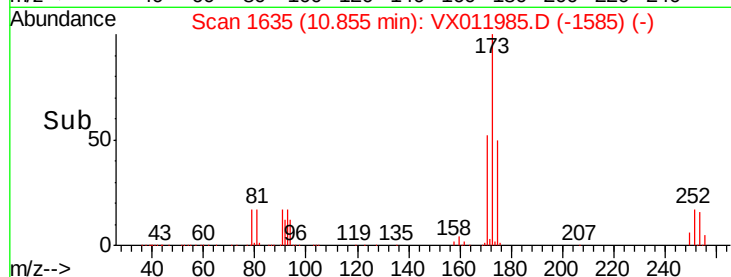
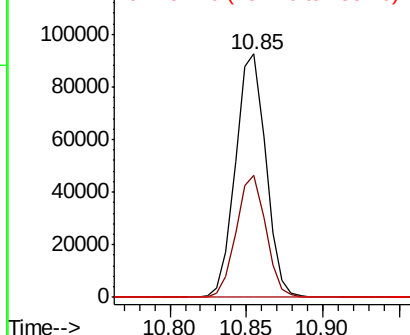
173 100

175 49.1 24.4 73.2

254 0.2 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: VX011985.D

Acq: 01 Sep 2019 08:12

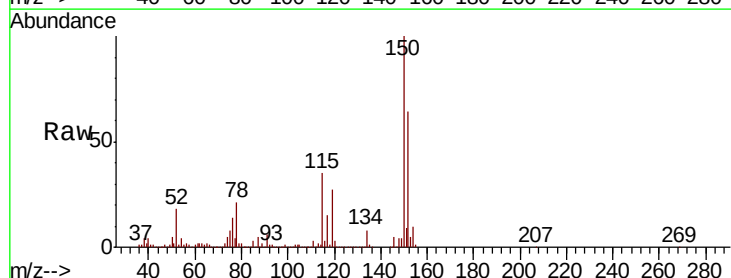
Tgt Ion:152 Resp: 243061

Ion Ratio Lower Upper

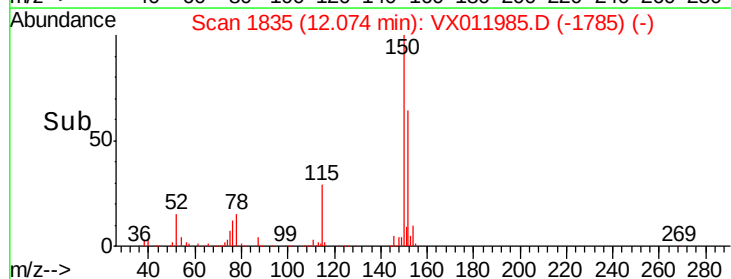
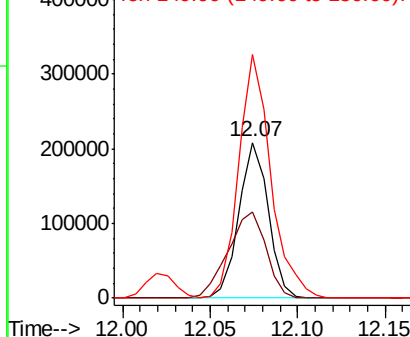
152 100

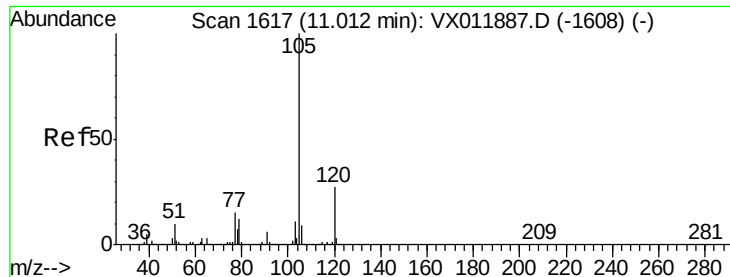
115 71.7 37.1 111.3

150 172.0 0.0 339.6



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: 48.360 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

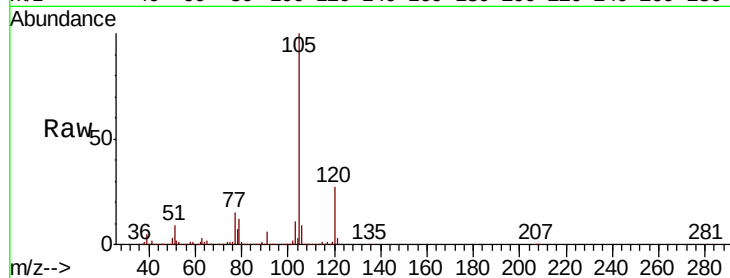
VSTDCCC050EC

Tgt Ion:105 Resp: 675387

Ion Ratio Lower Upper

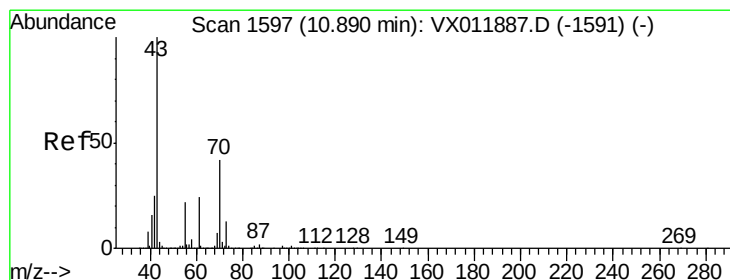
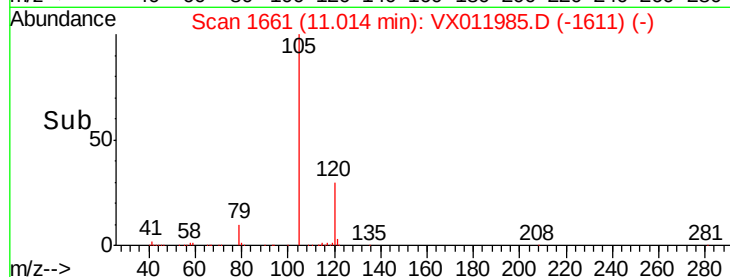
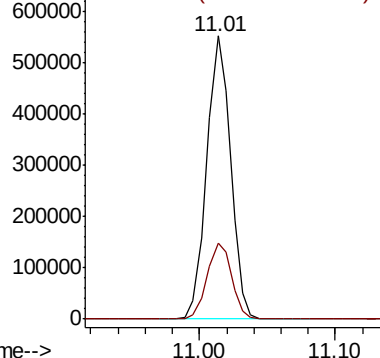
105 100

120 27.6 13.8 41.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.048 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Tgt Ion: 43 Resp: 178413

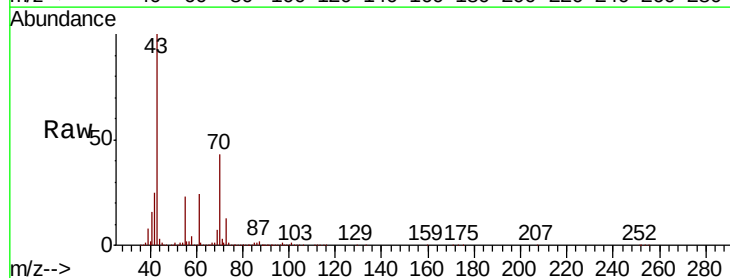
Ion Ratio Lower Upper

43 100

70 42.9 0.2 0.2#

55 23.1 0.1 0.1#

61 24.4 16.4 24.6

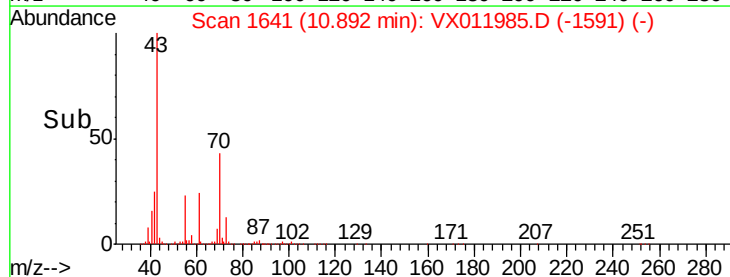
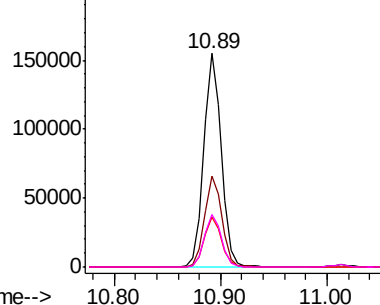


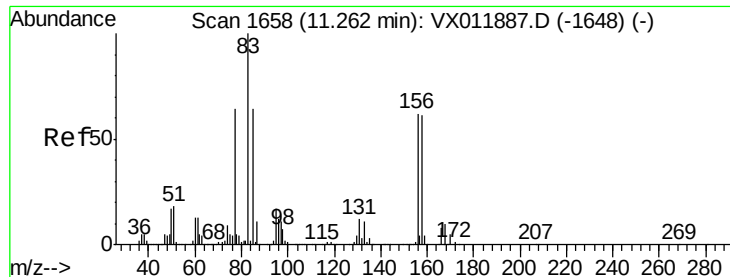
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 52.122 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

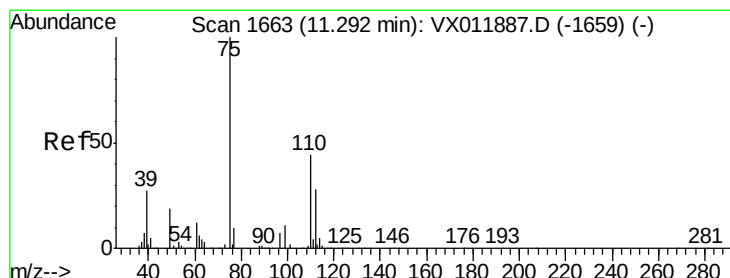
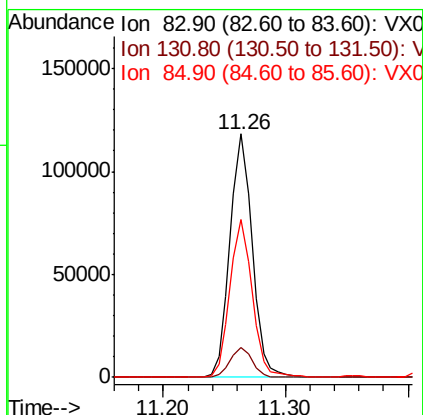
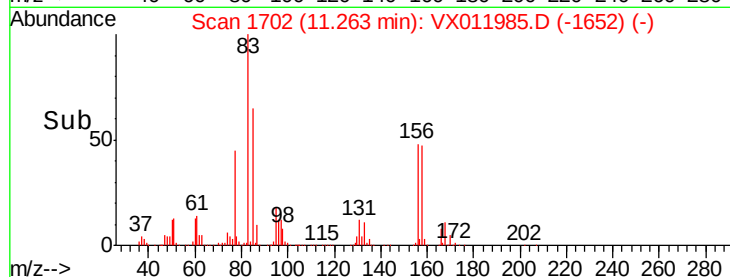
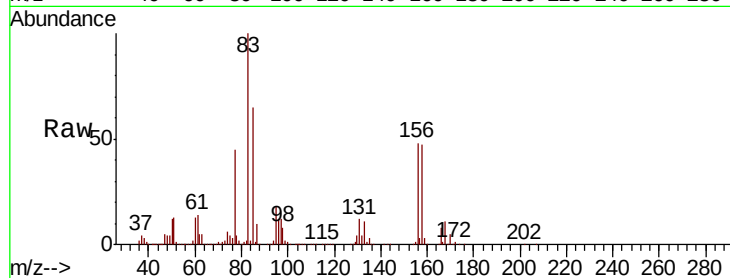
Tgt Ion: 83 Resp: 148975

Ion Ratio Lower Upper

83 100

131 12.4 6.0 18.0

85 65.2 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 64.444 ug/l

RT: 11.29 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VX011985.D

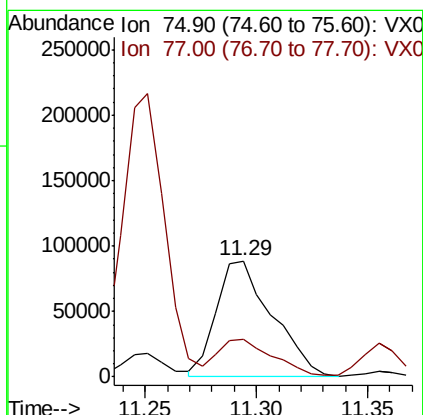
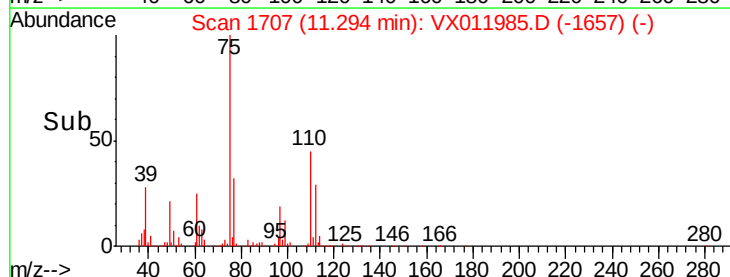
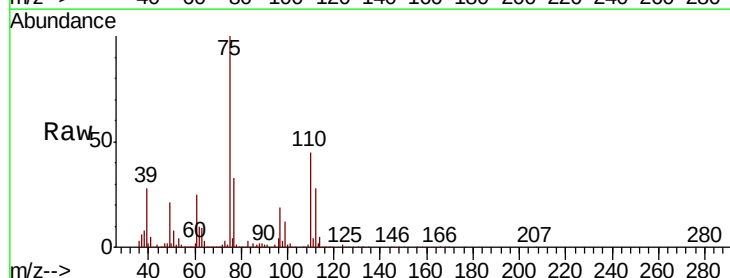
Acq: 01 Sep 2019 08:12

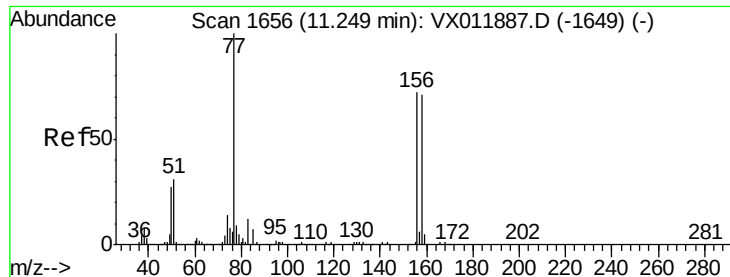
Tgt Ion: 75 Resp: 154085

Ion Ratio Lower Upper

75 100

77 32.0 20.9 62.7





#77

Bromobenzene

Concen: 54.151 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

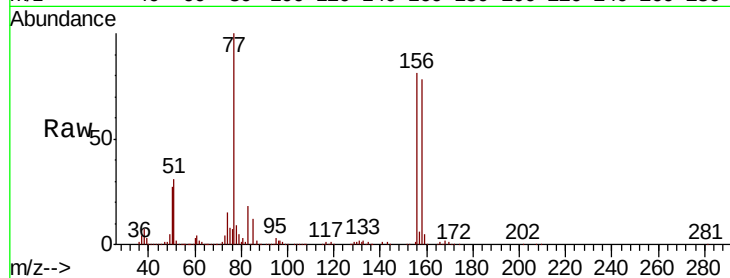
Tgt Ion: 156 Resp: 219332

Ion Ratio Lower Upper

156 100

77 130.8 68.1 204.3

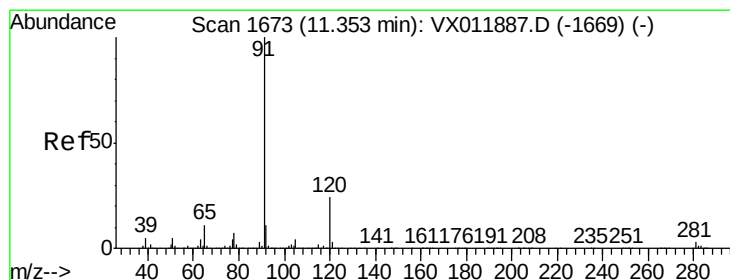
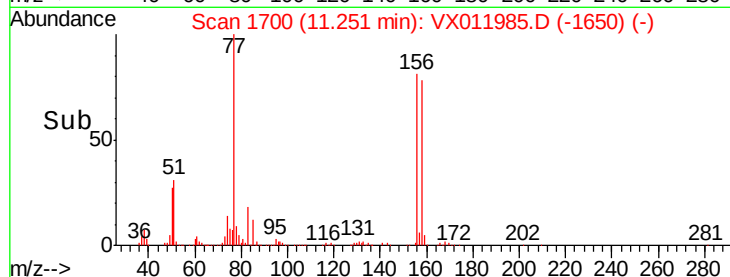
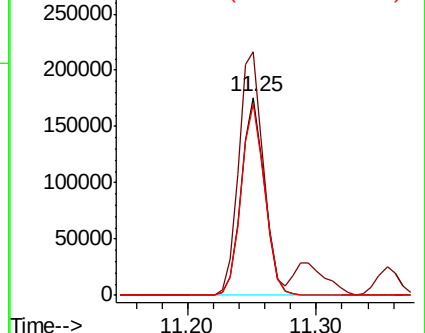
158 97.6 48.9 146.8



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: 47.123 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX011985.D

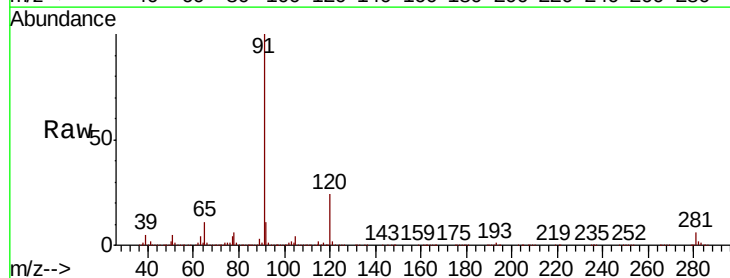
Acq: 01 Sep 2019 08:12

Tgt Ion: 91 Resp: 746278

Ion Ratio Lower Upper

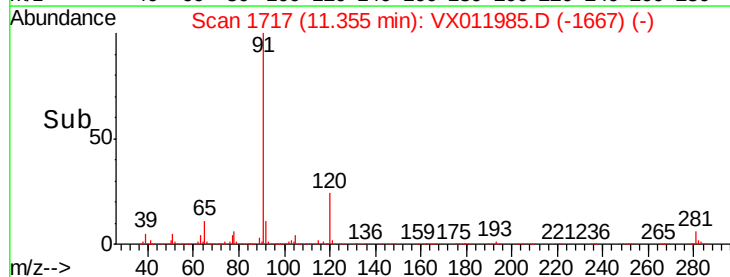
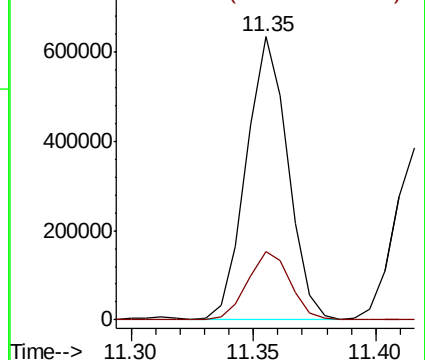
91 100

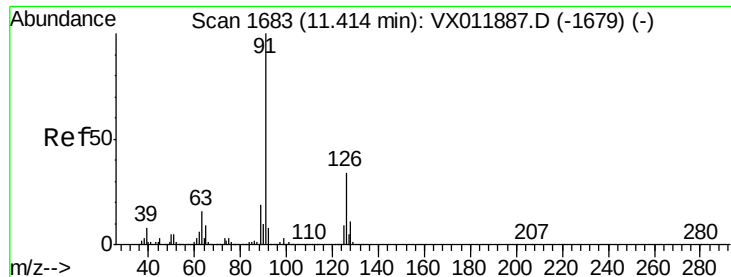
120 25.0 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.408 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

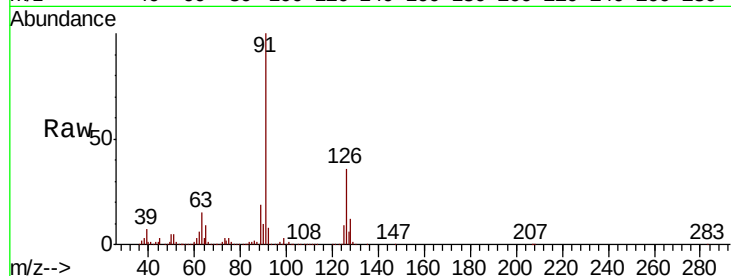
VSTDCCC050EC

Tgt Ion: 91 Resp: 480511

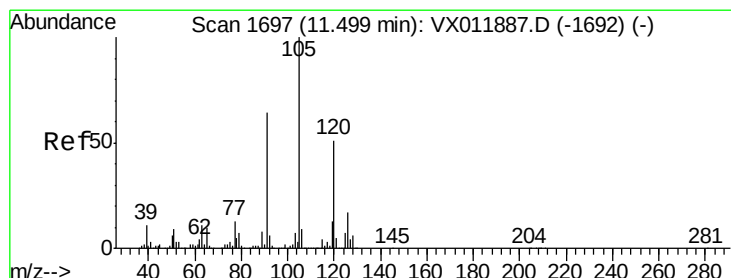
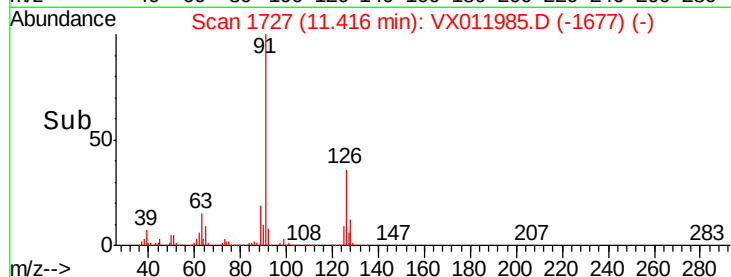
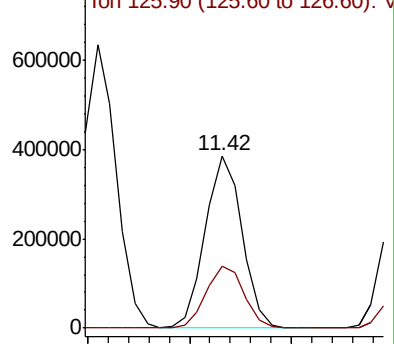
Ion Ratio Lower Upper

91 100

126 37.1 17.9 53.8



Abundance Ion 91.00 (90.70 to 91.70): VX011887.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 49.266 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX011985.D

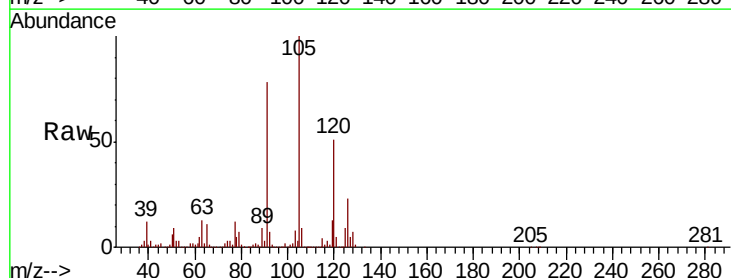
Acq: 01 Sep 2019 08:12

Tgt Ion: 105 Resp: 593884

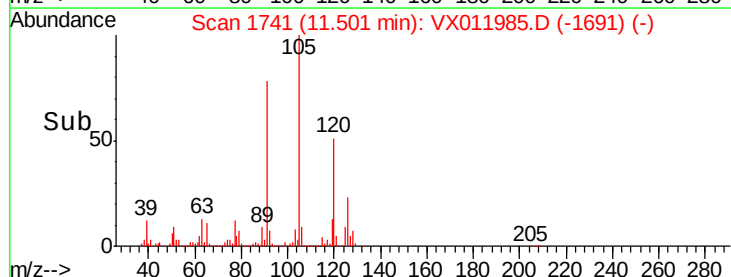
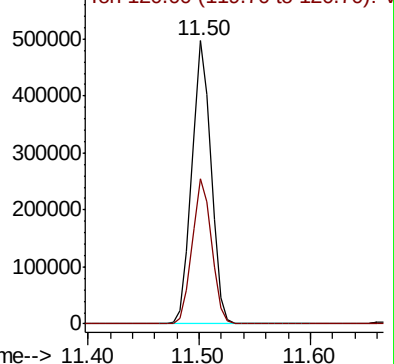
Ion Ratio Lower Upper

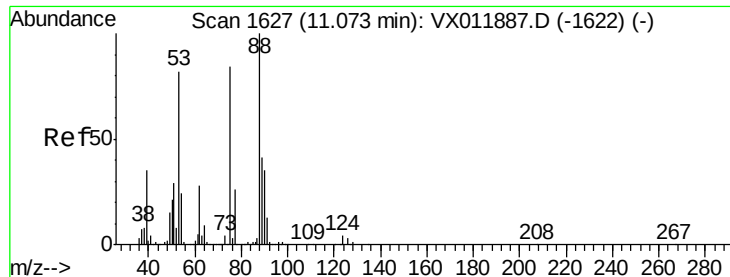
105 100

120 51.6 25.3 75.9



Abundance Ion 105.00 (104.70 to 105.70): VX011887.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.696 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

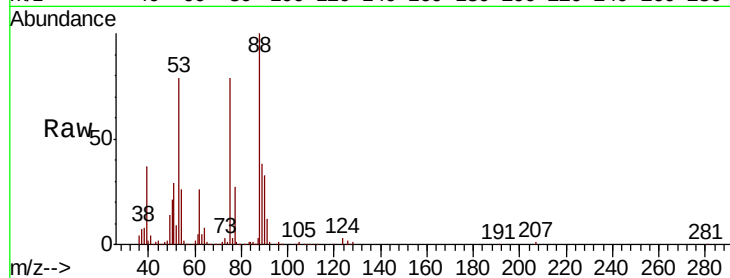
Tgt Ion: 75 Resp: 38733

Ion Ratio Lower Upper

75 100

53 100.1 77.1 115.7

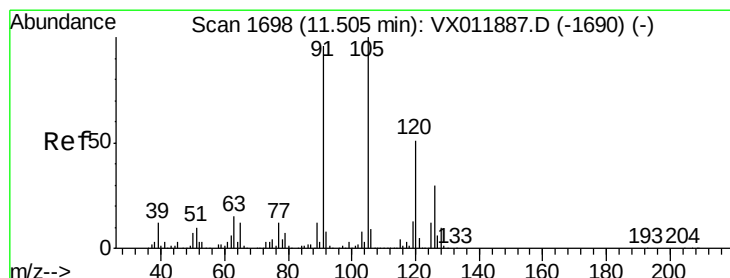
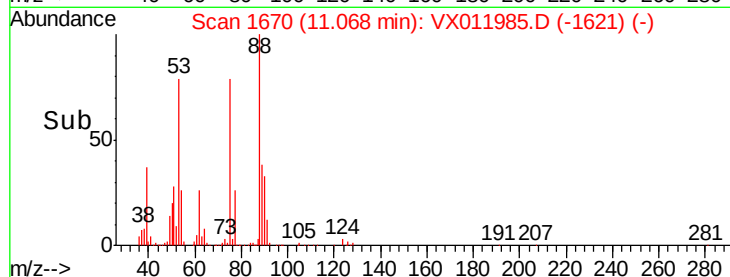
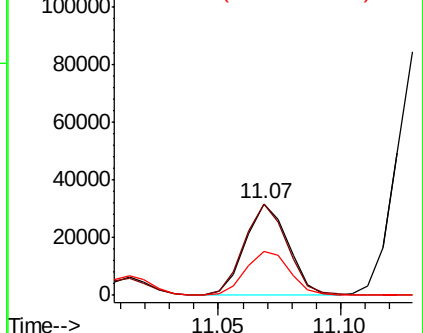
89 50.4 38.2 57.2



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: 50.280 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX011985.D

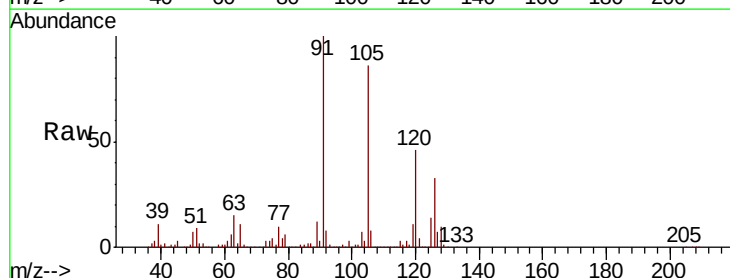
Acq: 01 Sep 2019 08:12

Tgt Ion: 91 Resp: 578212

Ion Ratio Lower Upper

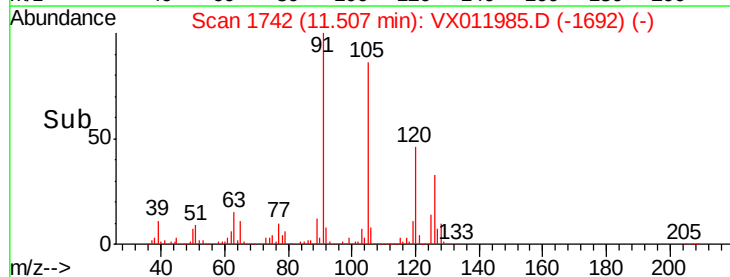
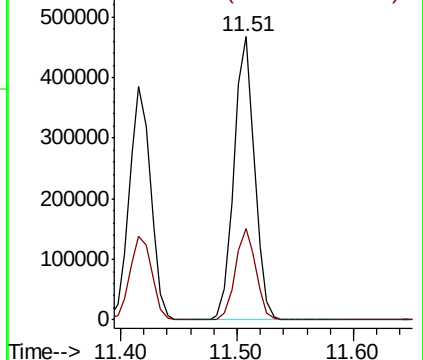
91 100

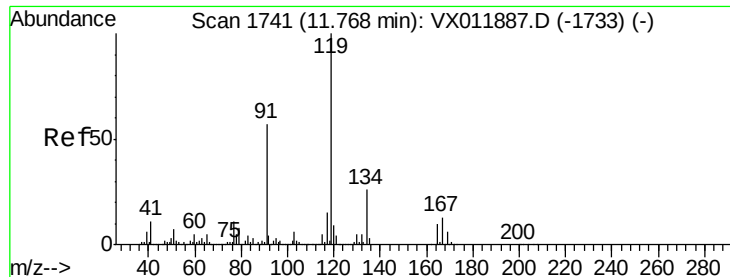
126 32.0 15.9 47.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

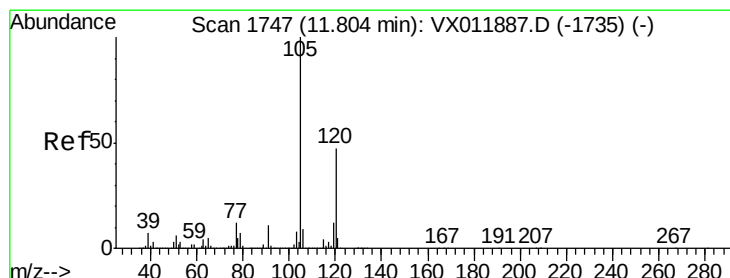
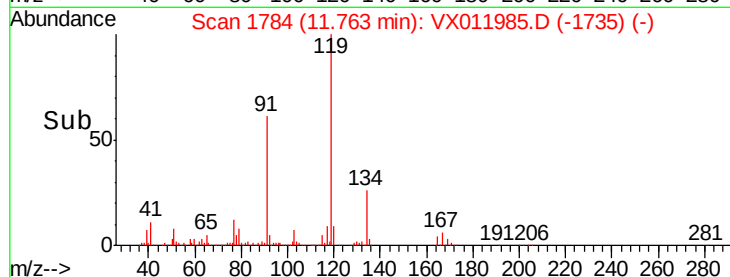
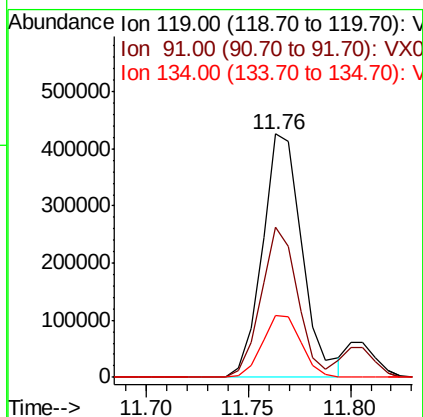
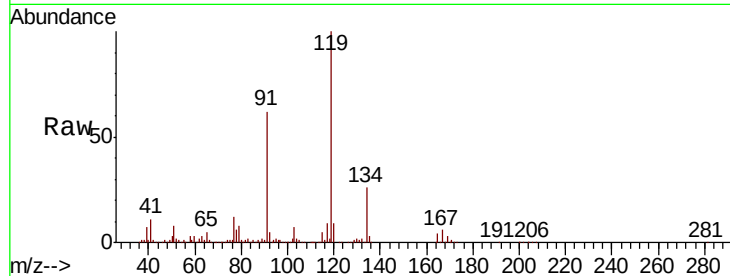




#83
 tert-Butylbenzene
 Concen: 47.259 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

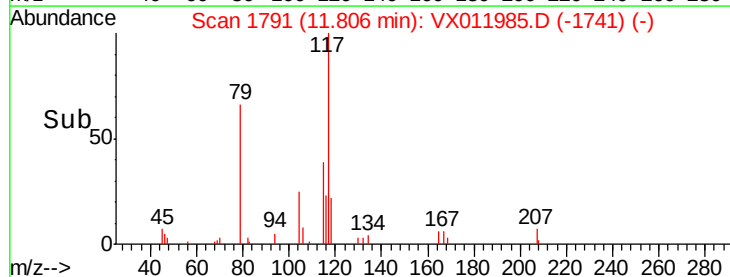
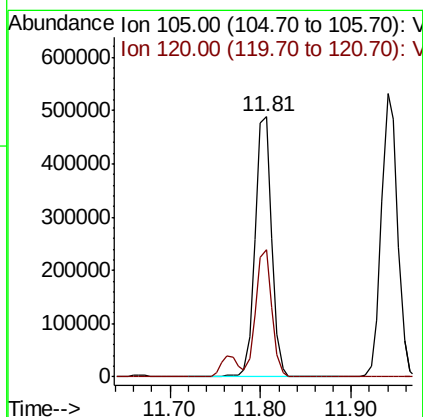
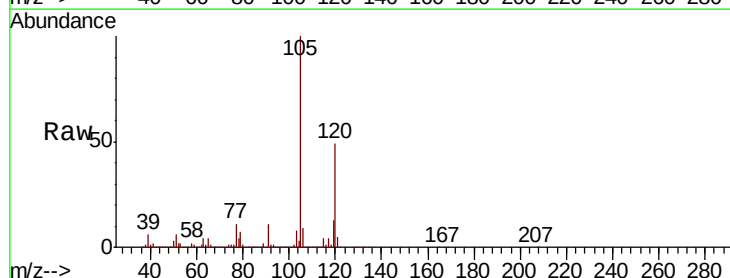
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

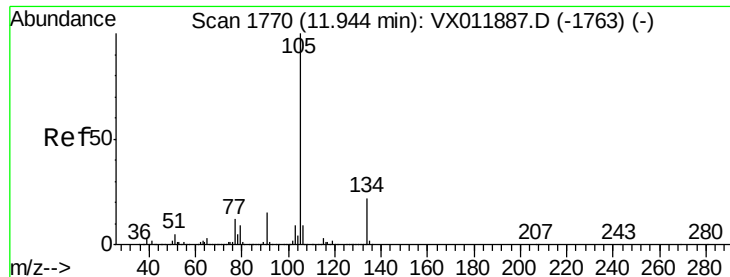
Tgt Ion:119 Resp: 578056
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.9 83.6
 134 24.9 12.3 36.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.888 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion:105 Resp: 616313
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.4 70.3





#85

sec-Butylbenzene

Concen: 46.324 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

Instrument :

MSVOA_X

ClientSampleId :

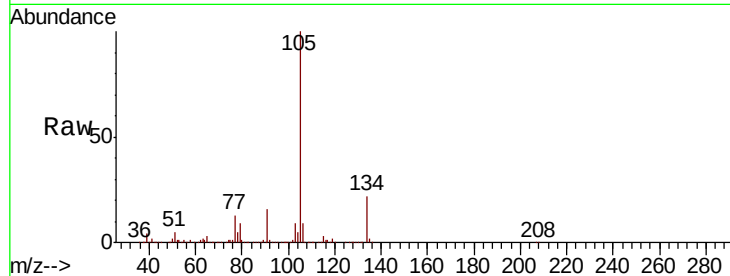
VSTDCCC050EC

Tgt Ion:105 Resp: 658135

Ion Ratio Lower Upper

105 100

134 22.2 10.9 32.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

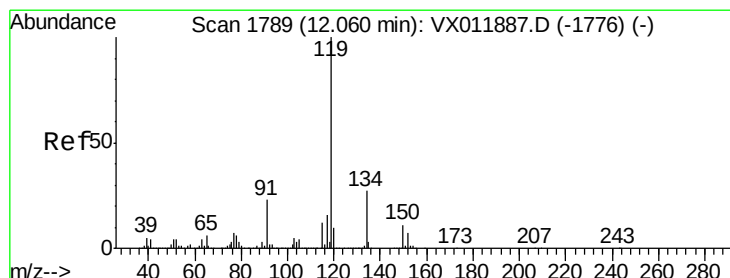
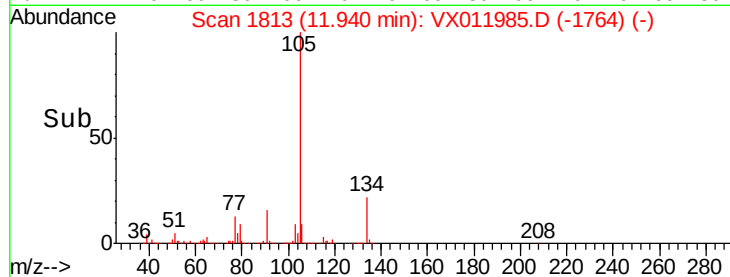
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 44.347 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX011985.D

Acq: 01 Sep 2019 08:12

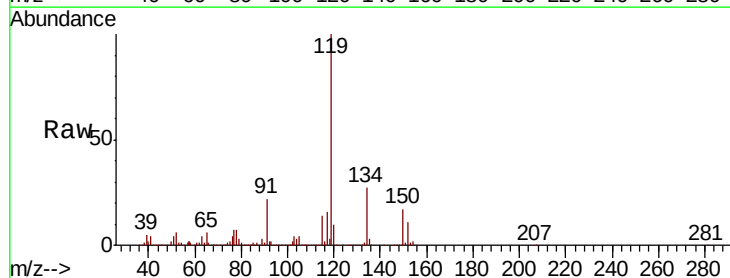
Tgt Ion:119 Resp: 610932

Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.0

91 22.5 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.06

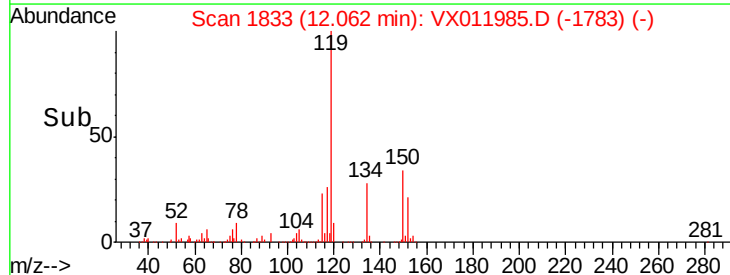
600000

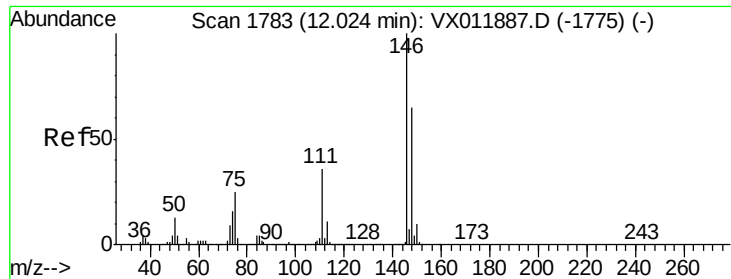
400000

200000

0

Time-->

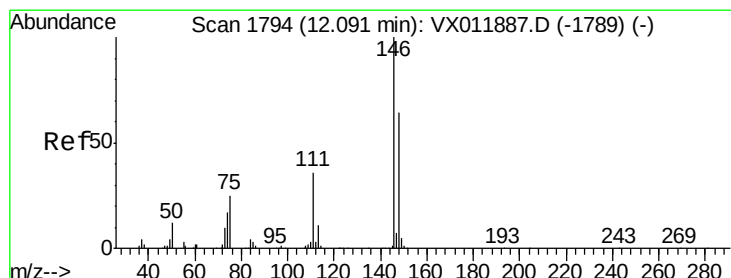
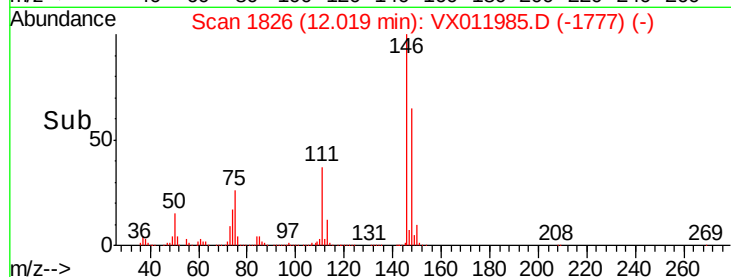
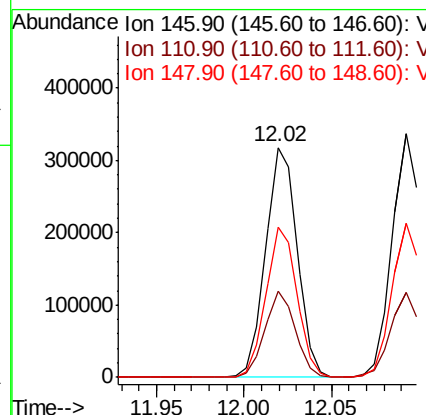
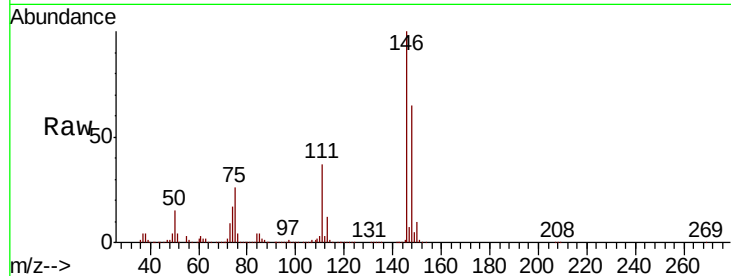




#87
 1,3-Dichlorobenzene
 Concen: 53.058 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

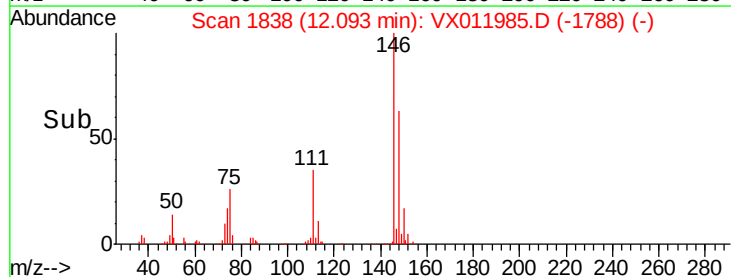
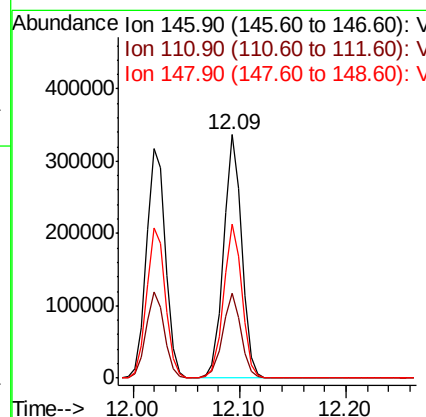
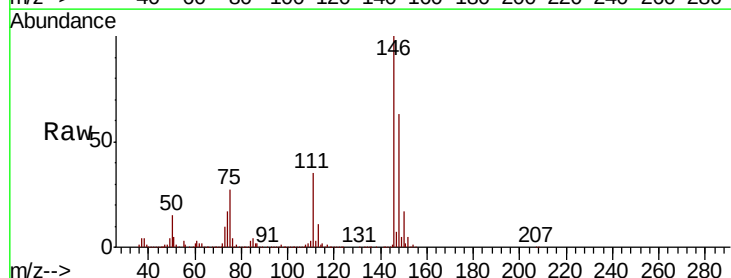
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

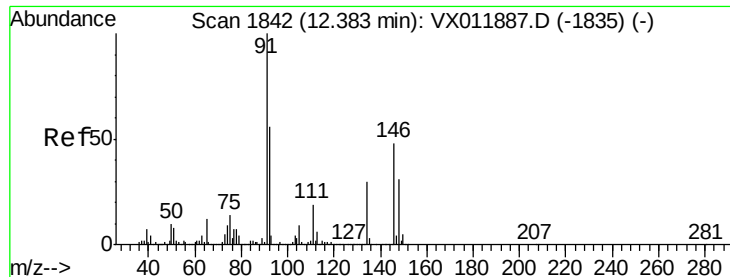
Tgt Ion:146 Resp: 399405
 Ion Ratio Lower Upper
 146 100
 111 36.0 18.4 55.2
 148 64.2 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 52.382 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion:146 Resp: 398623
 Ion Ratio Lower Upper
 146 100
 111 35.2 17.9 53.7
 148 64.2 32.4 97.0

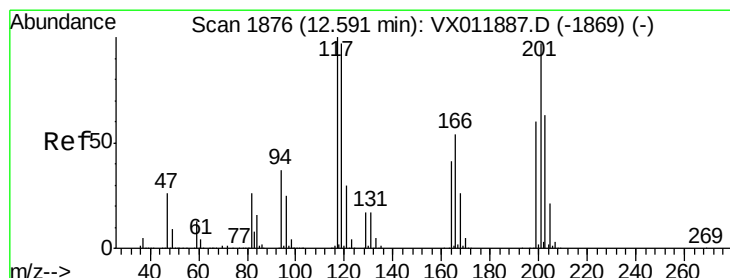
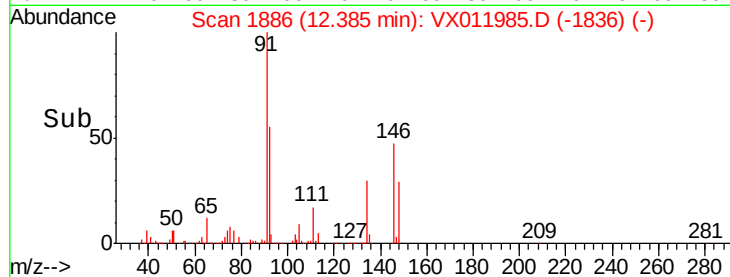
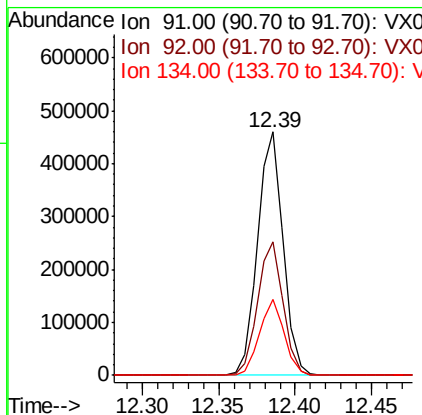
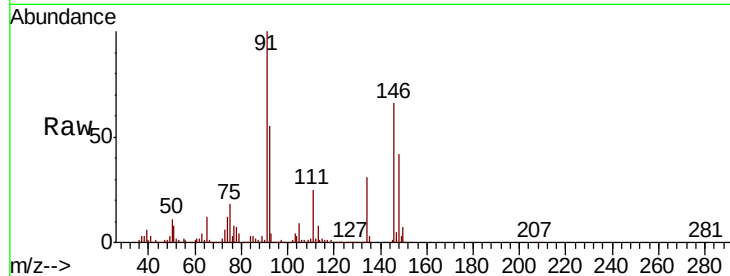




#89
n-Butylbenzene
Concen: 43.838 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

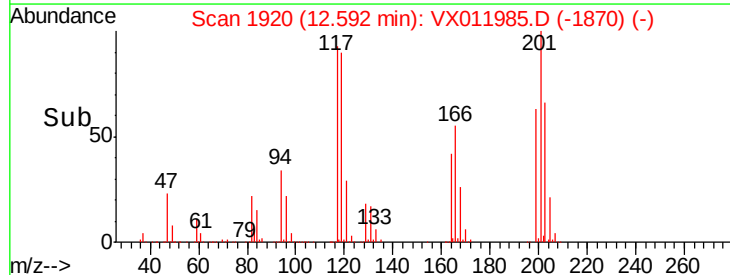
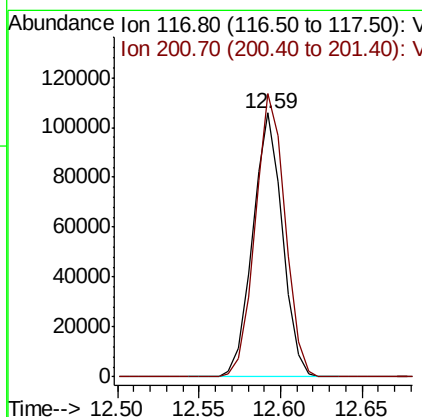
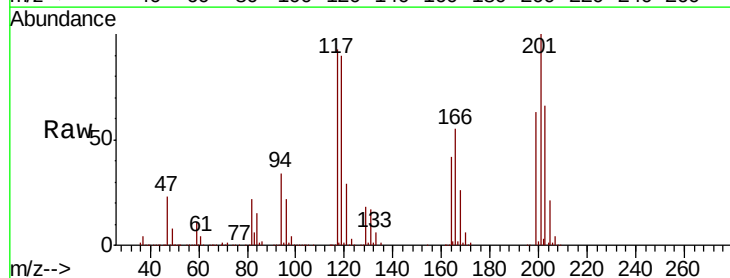
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

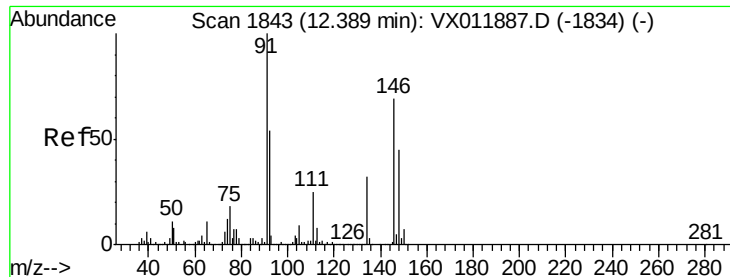
Tgt Ion: 91 Resp: 534306
Ion Ratio Lower Upper
91 100
92 54.6 27.6 82.8
134 30.4 14.8 44.3



#90
Hexachloroethane
Concen: 50.146 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion: 117 Resp: 133649
Ion Ratio Lower Upper
117 100
201 108.1 52.8 158.5

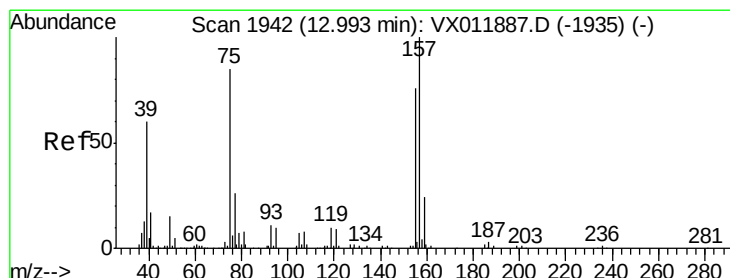
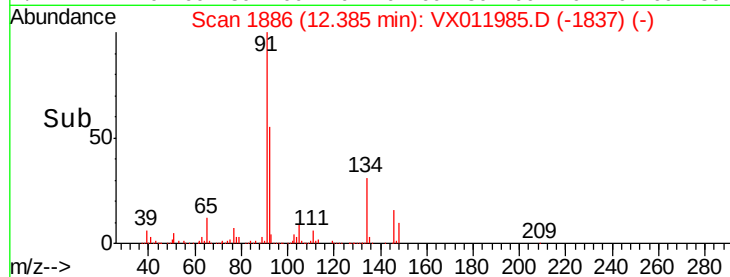
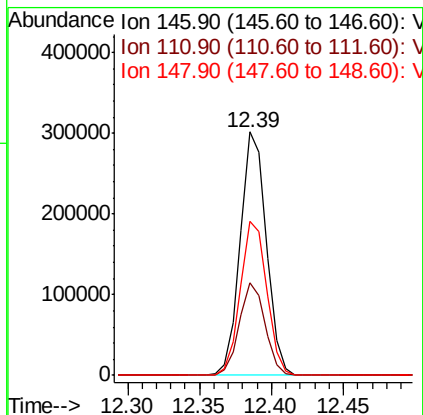
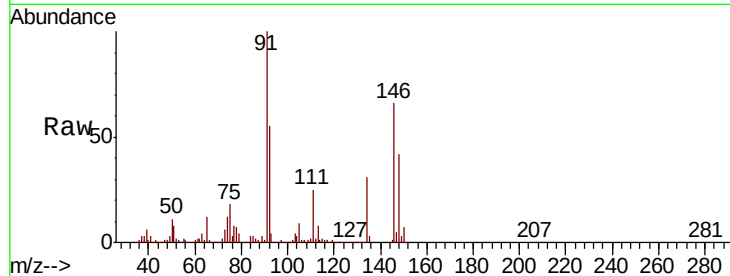




#91
 1,2-Dichlorobenzene
 Concen: 54.231 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

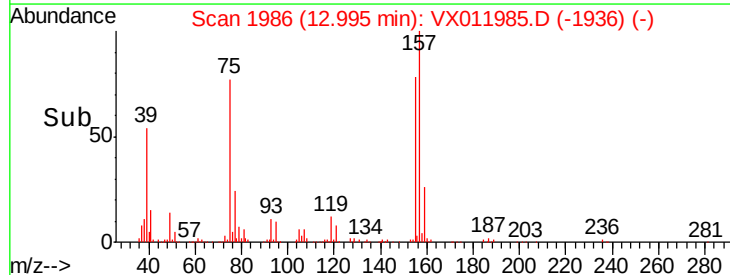
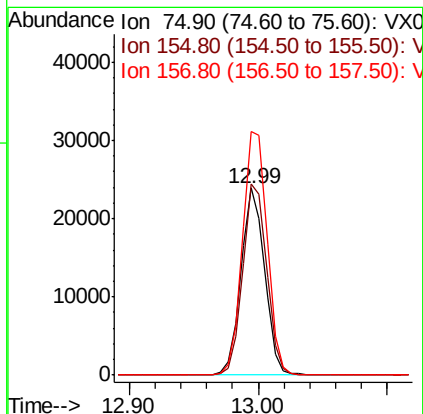
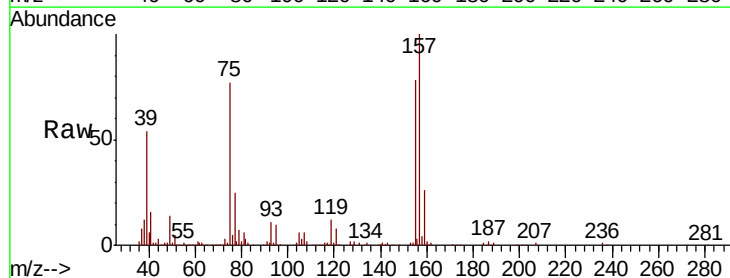
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

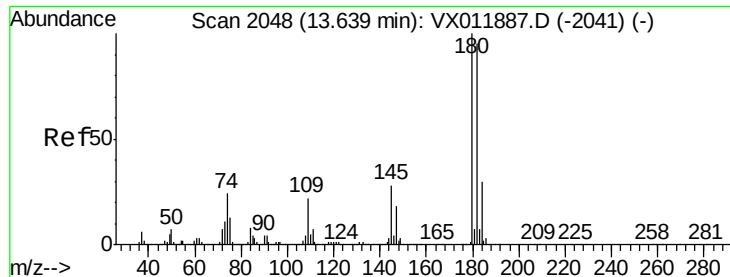
Tgt Ion: 146 Resp: 379545
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.9 56.5
 148 64.5 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.284 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion: 75 Resp: 30337
 Ion Ratio Lower Upper
 75 100
 155 102.9 50.1 150.4
 157 135.3 63.9 191.7

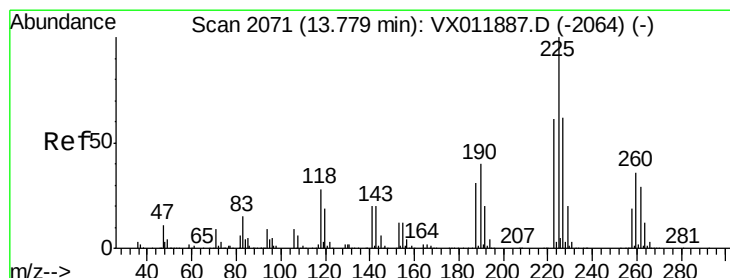
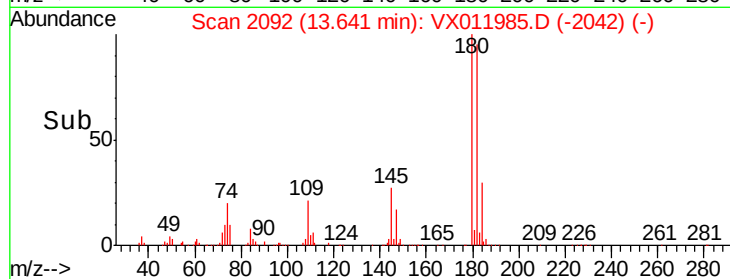
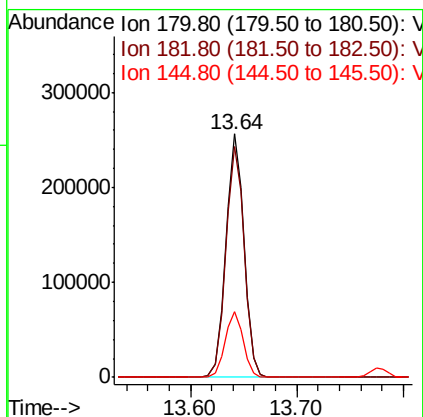
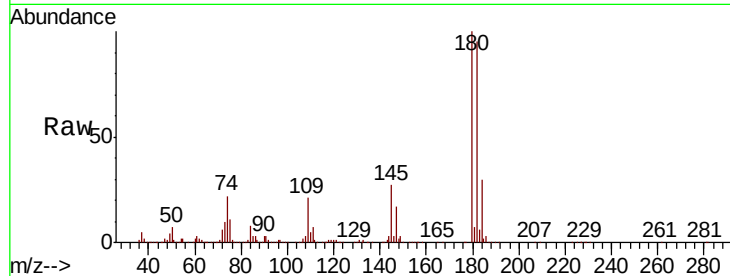




#93
 1,2,4-Trichlorobenzene
 Concen: 51.733 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

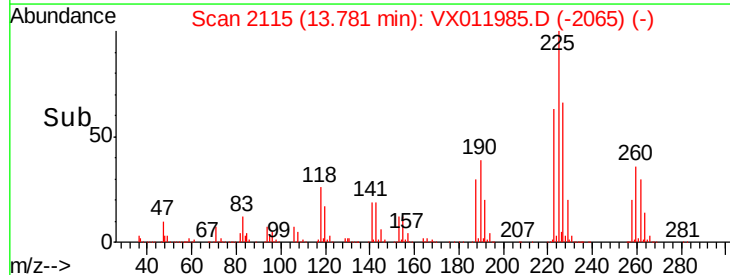
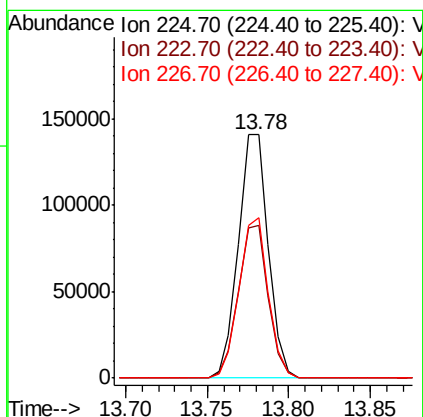
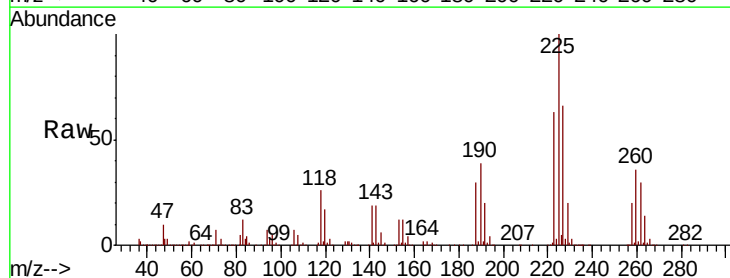
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

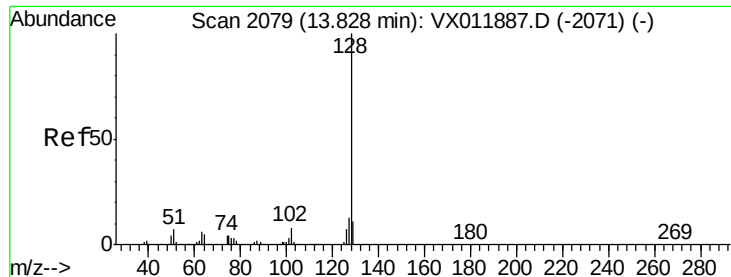
Tgt Ion:180 Resp: 304865
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.1 144.4
 145 27.2 13.8 41.3



#94
 Hexachlorobutadiene
 Concen: 45.992 ug/l
 RT: 13.78 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VX011985.D
 Acq: 01 Sep 2019 08:12

Tgt Ion:225 Resp: 181006
 Ion Ratio Lower Upper
 225 100
 223 62.5 30.8 92.3
 227 64.1 31.9 95.7

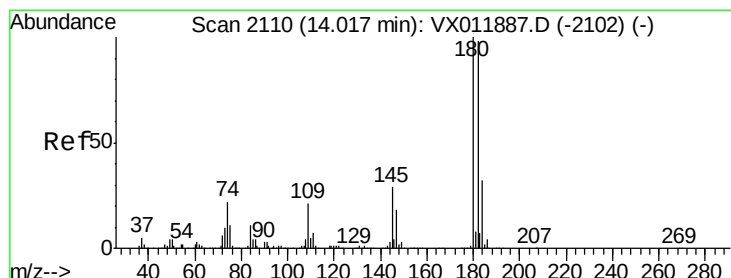
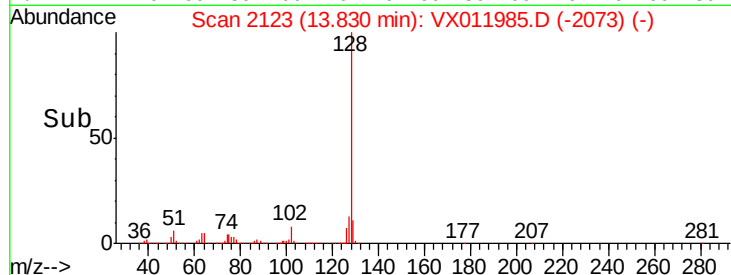
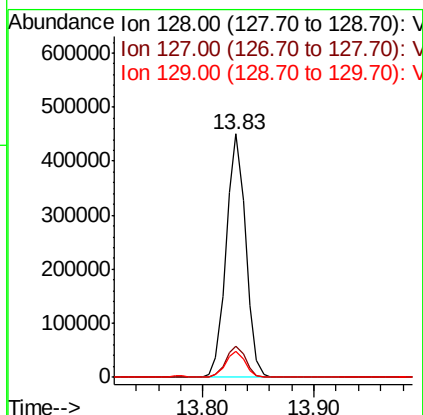
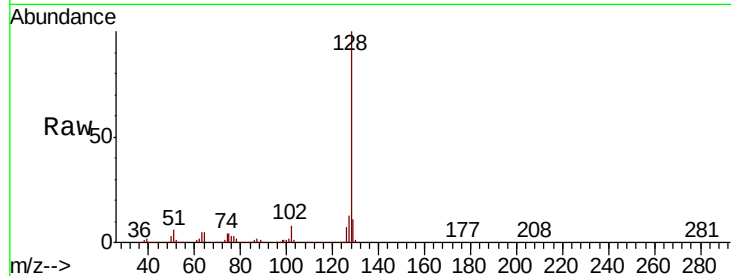




#95
Naphthalene
Concen: 53.891 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 545045
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 54.225 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX011985.D
Acq: 01 Sep 2019 08:12

Tgt Ion:180 Resp: 288966
Ion Ratio Lower Upper
180 100
182 95.8 48.3 144.8
145 28.1 14.6 43.8

