

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX040219\
 Data File : VX008585.D
 Acq On : 02 Apr 2019 10:20
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Quant Time: Apr 02 10:40:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	34943	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	201454	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	175582	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	86608	29.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.77%
60) 4-Bromofluorobenzene	11.13	95	91998	30.07	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.23%
63) Toluene-d8	8.71	98	259613	31.15	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	103.83%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	49126	20.560 ug/l	97
3) Chloromethane	1.32	50	62534	19.976 ug/l	97
4) Vinyl Chloride	1.40	62	61518	19.495 ug/l	98
5) Bromomethane	1.64	94	23266	14.230 ug/l	97
6) Chloroethane	1.72	64	38151	18.472 ug/l	97
7) Trichlorofluoromethane	1.93	101	71400	20.386 ug/l	100
8) Diethyl Ether	2.18	74	32731	19.816 ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	44334	20.326 ug/l	93
10) 1,1-Dichloroethene	2.37	96	44440	20.083 ug/l	81
11) Methyl Iodide	2.51	142	28462	12.422 ug/l	95
12) Methyl Acetate	3.19	43	36885	20.566 ug/l	95
13) Acrolein	2.29	56	46044	89.491 ug/l	98
14) Acrylonitrile	3.14	53	173994	104.935 ug/l	100
15) Acetone	2.44	58	59689	116.735 ug/l	92
16) Carbon Disulfide	2.57	76	135357	19.664 ug/l	99
17) Allyl chloride	2.73	41	101509	20.411 ug/l	92
18) Methylene Chloride	2.85	84	53914	20.382 ug/l #	84
19) trans-1,2-Dichloroethene	3.17	96	47900	20.261 ug/l	88
20) Diisopropyl ether	3.85	45	204238	21.100 ug/l #	94
21) 1,1-Dichloroethane	3.69	63	101526	20.896 ug/l	95
22) cis-1,2-Dichloroethene	4.59	96	55597	20.351 ug/l #	79
23) tert-Butyl Alcohol	3.04	59	67629	101.005 ug/l #	100
24) Methyl tert-Butyl Ether	3.19	73	167911	20.647 ug/l	99
25) Chloroform	5.21	83	91628	20.820 ug/l	95
26) Cyclohexane	5.57	56	99805	21.144 ug/l #	81
29) 1,1-Dichloropropene	5.79	75	71577	21.119 ug/l	93
30) 2-Butanone	4.67	43	276761	111.050 ug/l	93
31) 2,2-Dichloropropane	4.58	77	71101	21.005 ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	74211	21.086 ug/l	95
33) Carbon Tetrachloride	5.78	117	60645	20.595 ug/l	99
34) Benzene	6.14	78	216083	20.857 ug/l #	96
35) Methacrylonitrile	5.04	41	53714	21.194 ug/l	92
36) 1,2-Dichloroethane	6.19	62	77602	21.010 ug/l	98
37) Trichloroethene	7.21	130	50409	21.158 ug/l	83
38) Methylcyclohexane	7.46	83	90388	21.165 ug/l	88
39) 1,2-Dichloropropane	7.51	63	60785	20.686 ug/l	96
40) Dibromomethane	7.66	93	35474	20.840 ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	68926	20.594	ug/l	98
42) Vinyl Acetate	3.81	43	895233	105.965	ug/l #	94
43) Ethyl Acetate	4.83	43	94931	21.164	ug/l #	82
44) Isopropyl Acetate	6.44	43	151184	20.844	ug/l	98
45) 1,4-Dioxane	7.74	88	29182	404.158	ug/l #	81
46) Methyl methacrylate	7.77	41	75978	20.625	ug/l	87
47) n-amyl Acetate	10.90	43	131856	20.013	ug/l	94
48) t-1,3-Dichloropropene	9.04	75	75350	19.932	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	86817	20.532	ug/l	94
50) 1,1,2-Trichloroethane	9.21	97	51898	20.534	ug/l	96
51) Ethyl methacrylate	9.18	69	94815	20.159	ug/l	89
52) 1,3-Dichloropropane	9.37	76	93640	20.825	ug/l	100
53) Dibromochloromethane	9.58	129	49561	19.926	ug/l	99
54) 1,2-Dibromoethane	9.67	107	53422	20.504	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	240361	101.297	ug/l #	94
56) Bromoform	10.85	173	34301	18.923	ug/l #	97
58) 4-Methyl-2-Pentanone	8.64	43	498363	107.588	ug/l #	95
59) 2-Hexanone	9.49	43	401226	109.636	ug/l	97
61) Tetrachloroethene	9.34	164	43927	22.872	ug/l	98
62) Toluene	8.78	91	228347	21.480	ug/l	99
64) Chlorobenzene	10.13	112	132609	21.289	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.22	131	46239	21.054	ug/l	97
66) Ethyl Benzene	10.25	91	249362	21.133	ug/l	95
67) m/p-Xylenes	10.35	106	181165	42.094	ug/l	91
68) o-Xylene	10.69	106	87508	20.778	ug/l	91
69) Styrene	10.71	104	152147	20.761	ug/l	95
70) Isopropylbenzene	11.02	105	237300	21.360	ug/l	95
71) 1,1,2,2-Tetrachloroethane	11.27	83	87693	21.130	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	99837	28.459	ug/l	89
73) Bromobenzene	11.26	156	54882	20.764	ug/l	77
74) n-propylbenzene	11.36	91	277632	20.977	ug/l	94
75) 2-Chlorotoluene	11.42	91	166449	21.139	ug/l	90
76) 1,3,5-Trimethylbenzene	11.51	105	199700	21.025	ug/l	95
77) t-1,4-Dichloro-2-butene	11.07	75	26662	19.814	ug/l	96
78) 4-Chlorotoluene	11.51	91	188311	20.780	ug/l	90
79) tert-butylbenzene	12.06	119	203830	20.999	ug/l	96
80) 1,2,4-Trimethylbenzene	11.80	105	198408	20.950	ug/l	95
81) sec-Butylbenzene	11.94	105	228672	21.072	ug/l	95
82) p-Isopropyltoluene	12.06	119	203830	20.999	ug/l	96
83) 1,3-Dichlorobenzene	12.02	146	97993	20.883	ug/l	94
84) 1,4-Dichlorobenzene	12.10	146	97298	20.749	ug/l	96
85) n-Butylbenzene	12.38	91	189185	20.513	ug/l	96
86) Hexachloroethane	12.59	117	32942	20.312	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	98378	20.807	ug/l	97
88) 1,2-Dibromo-3-Chloropropan	13.00	75	19034	20.692	ug/l #	75
89) 1,2,4-Trichlorobenzene	13.65	180	68703	21.065	ug/l	99
90) Hexachlorobutadiene	13.78	225	33166	21.108	ug/l	98
91) Naphthalene	13.83	128	235485	21.074	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	70459	21.447	ug/l	100

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QLast Update : Wed Mar 27 12:01:15 2019
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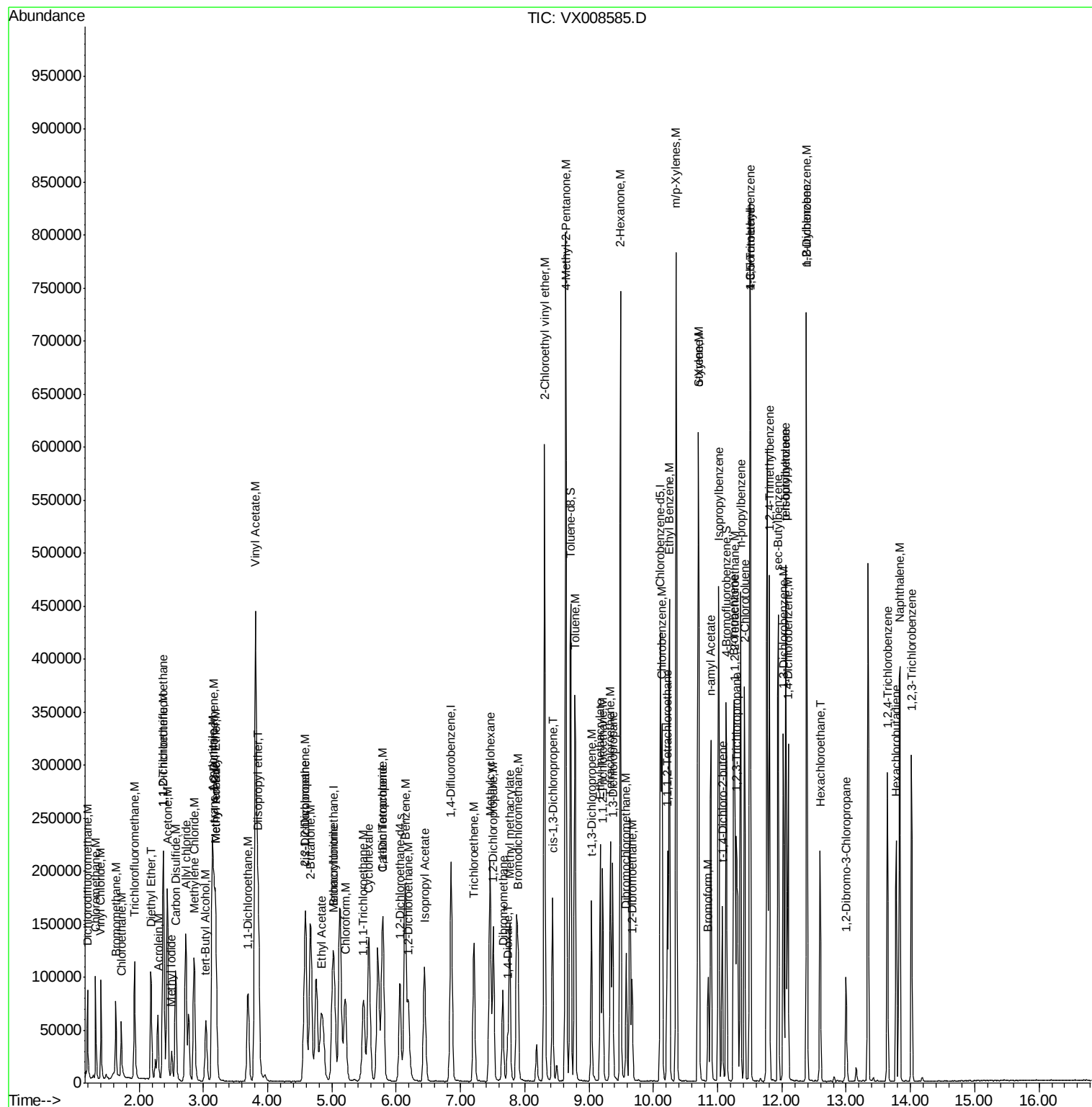
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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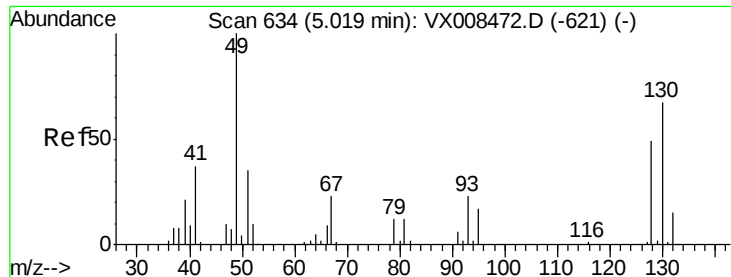
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
Client Sample Id :
VSTDCCC020

Quant Time: Apr 02 10:40:14 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\624X032719W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

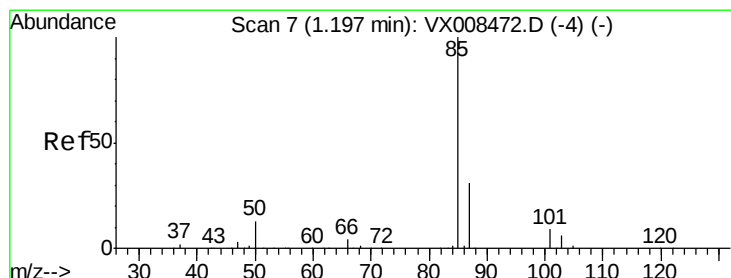
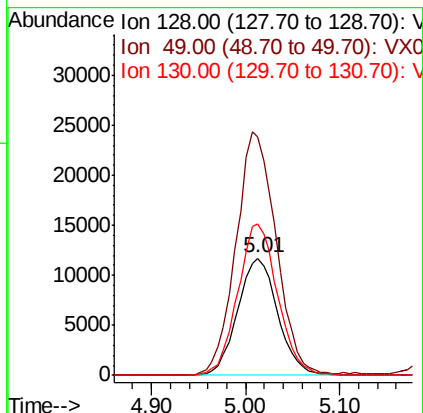
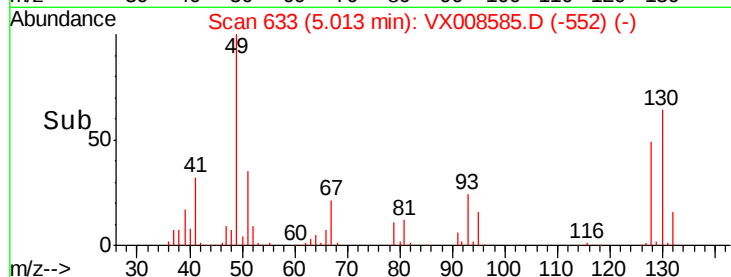
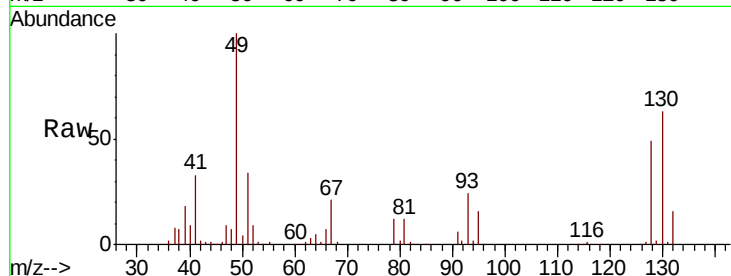
Tgt Ion:128 Resp: 34943

Ion Ratio Lower Upper

128 100

49 205.8 0.0 350.8

130 128.0 0.0 325.8



#2

Dichlorodifluoromethane

Concen: 20.560 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008585.D

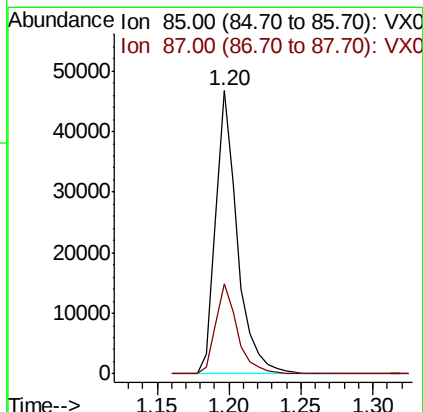
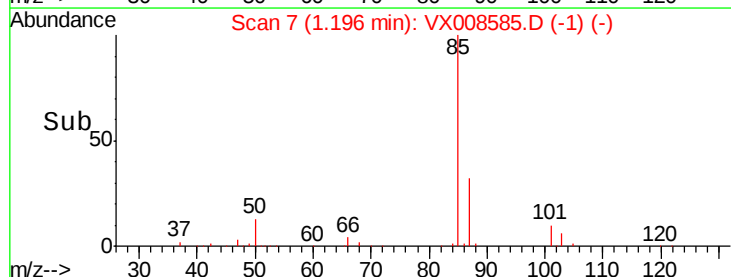
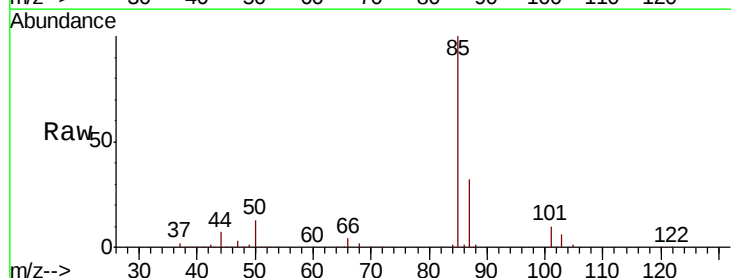
Acq: 02 Apr 2019 10:20

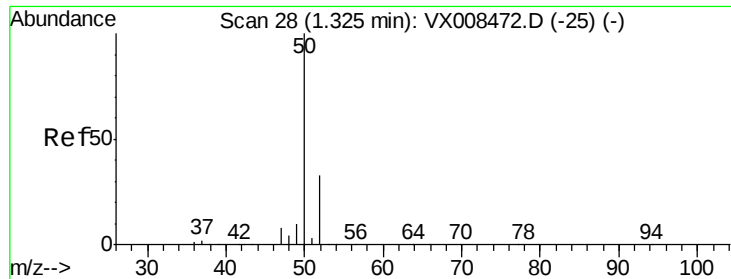
Tgt Ion: 85 Resp: 49126

Ion Ratio Lower Upper

85 100

87 31.6 16.6 49.8





#3

Chloromethane

Concen: 19.976 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

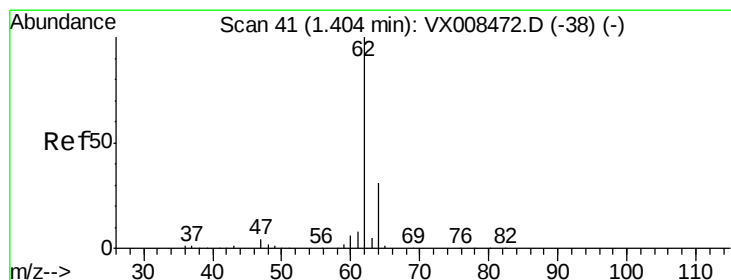
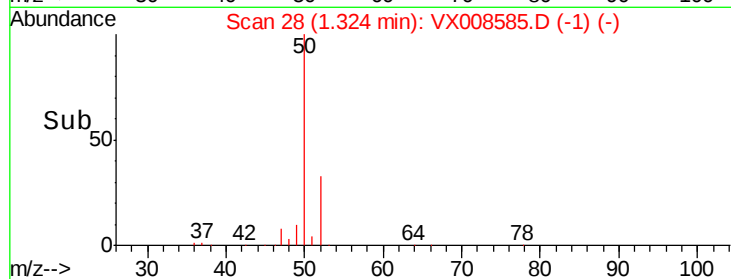
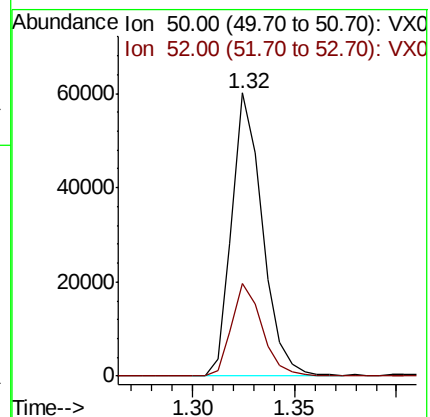
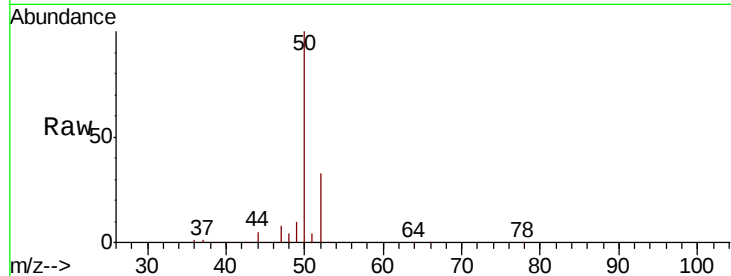
VSTDCCC020

Tgt Ion: 50 Resp: 62534

Ion Ratio Lower Upper

50 100

52 32.9 27.5 41.3



#4

Vinyl Chloride

Concen: 19.495 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX008585.D

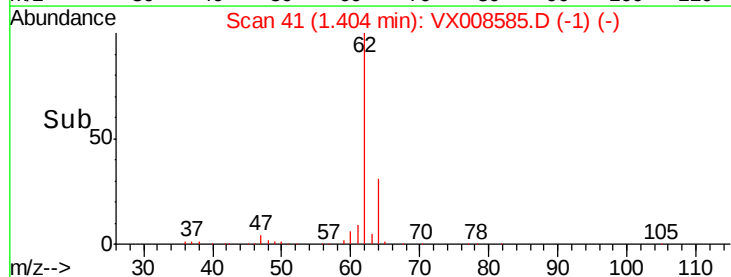
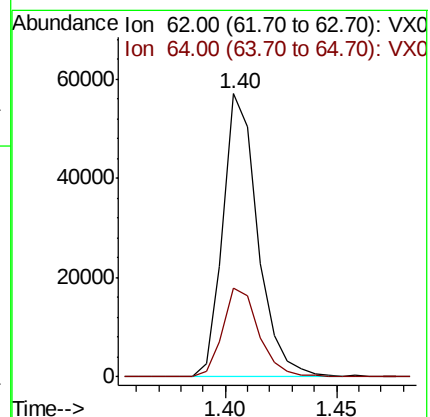
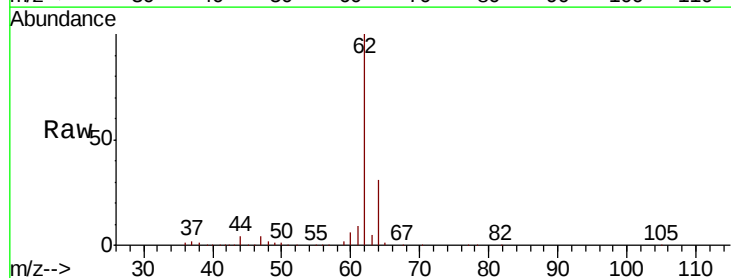
Acq: 02 Apr 2019 10:20

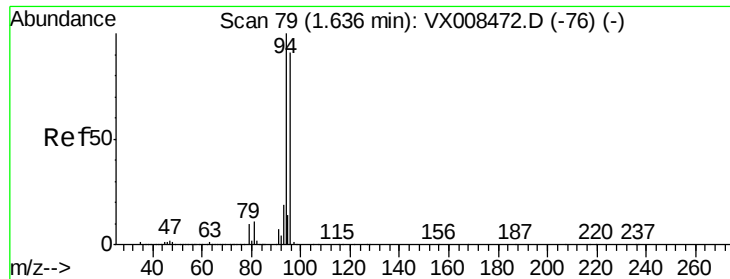
Tgt Ion: 62 Resp: 61518

Ion Ratio Lower Upper

62 100

64 31.1 25.9 38.9





#5

Bromomethane

Concen: 14.230 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

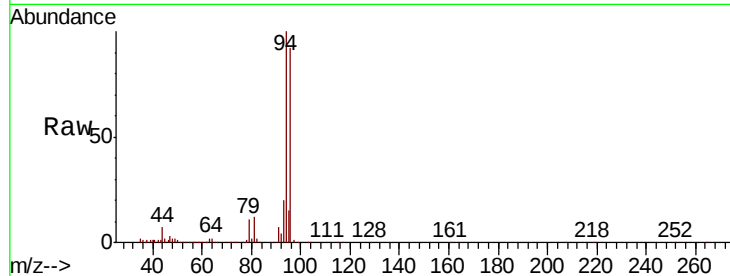
VSTDCCC020

Tgt Ion: 94 Resp: 23266

Ion Ratio Lower Upper

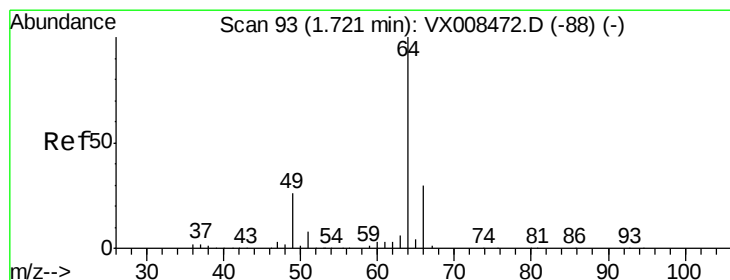
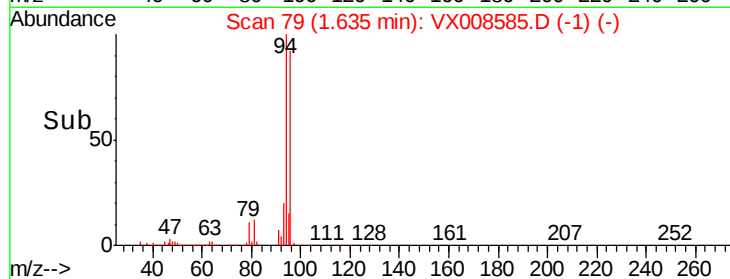
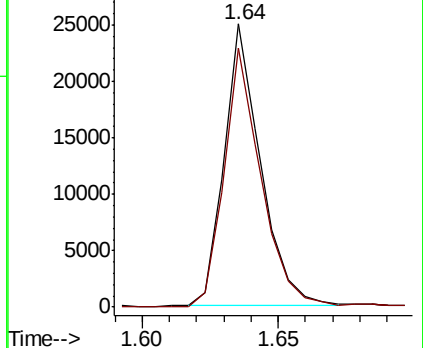
94 100

96 91.7 75.6 113.4



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.472 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008585.D

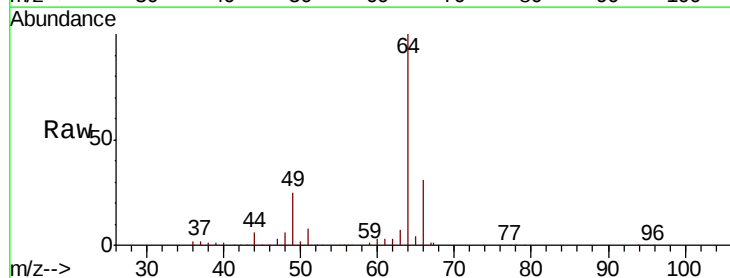
Acq: 02 Apr 2019 10:20

Tgt Ion: 64 Resp: 38151

Ion Ratio Lower Upper

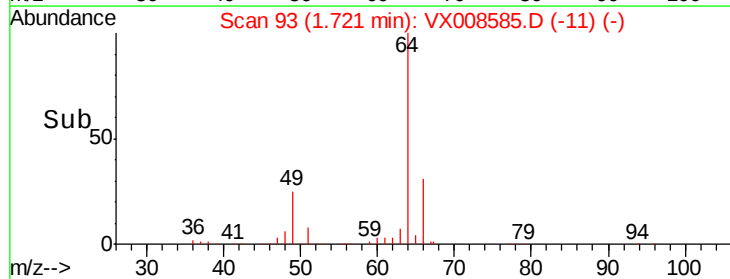
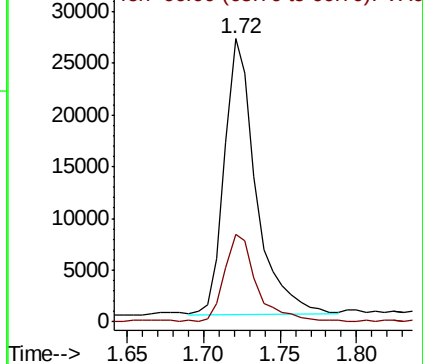
64 100

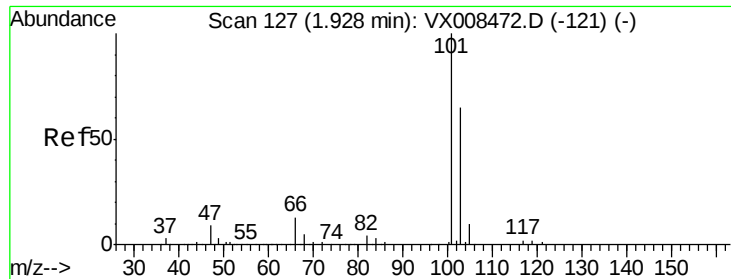
66 31.5 23.9 35.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



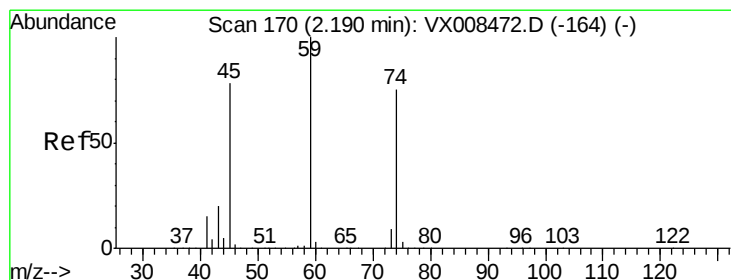
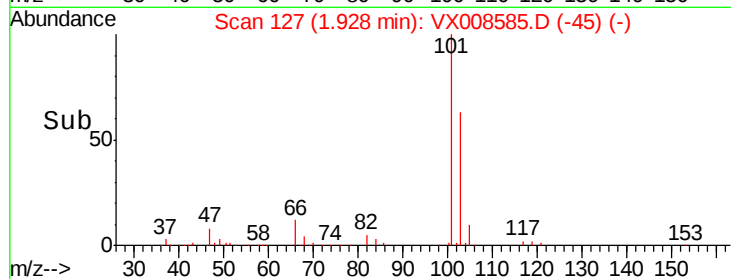
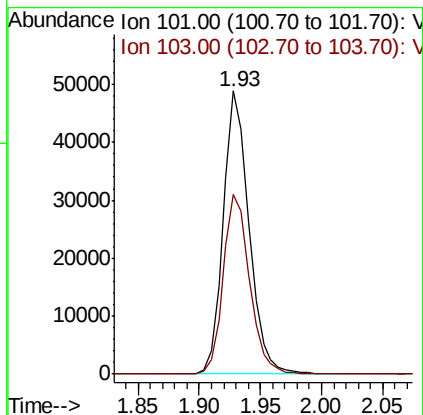
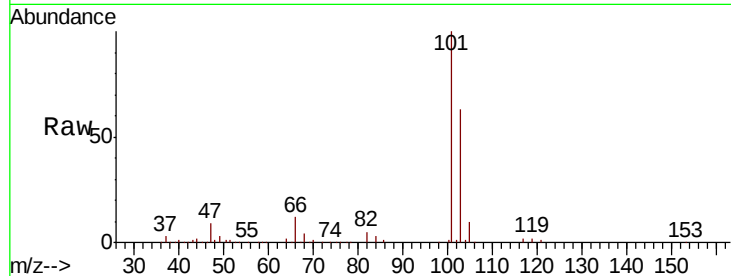


#7

Trichlorofluoromethane
 Concen: 20.386 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

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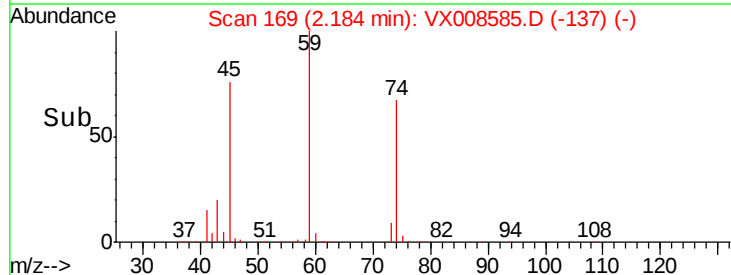
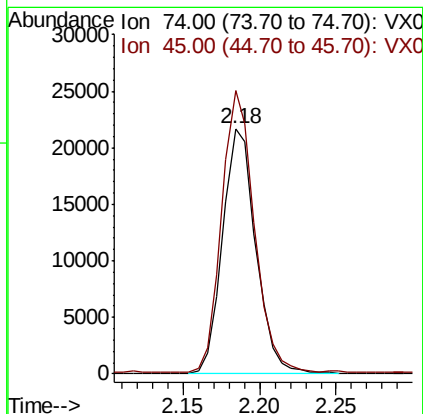
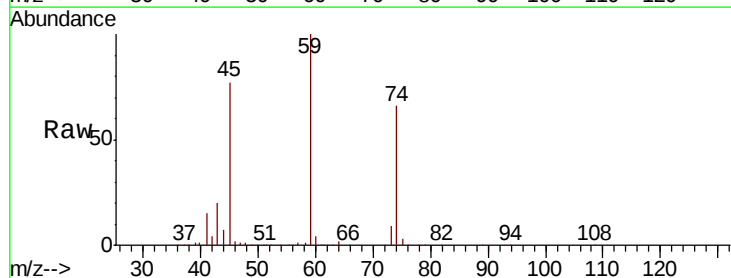
Tgt Ion: 101 Resp: 71400
 Ion Ratio Lower Upper
 101 100
 103 63.2 50.4 75.6

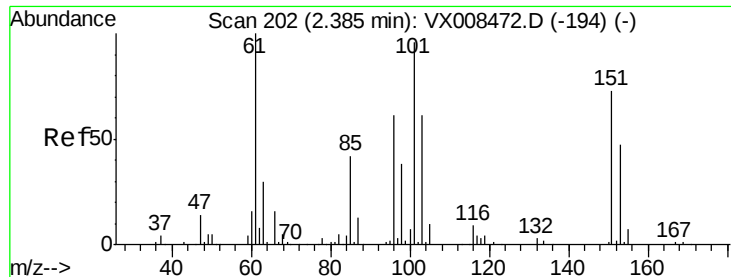


#8

Diethyl Ether
 Concen: 19.816 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 74 Resp: 32731
 Ion Ratio Lower Upper
 74 100
 45 113.4 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.326 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

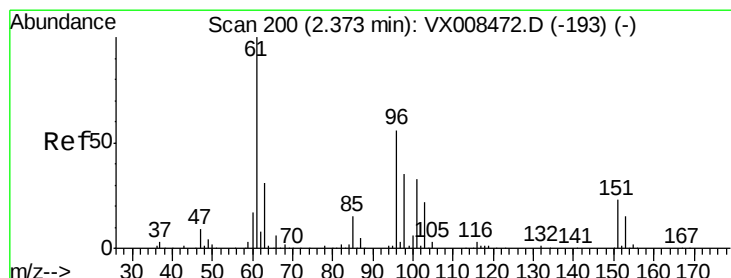
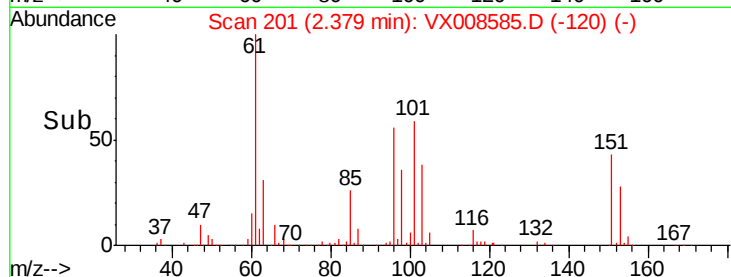
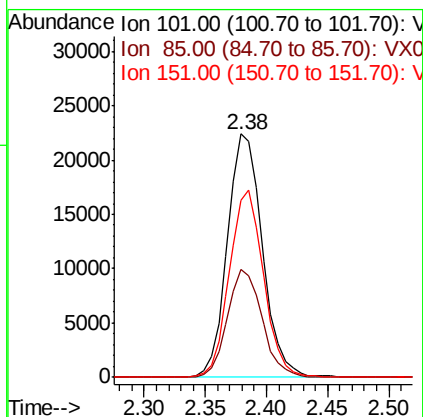
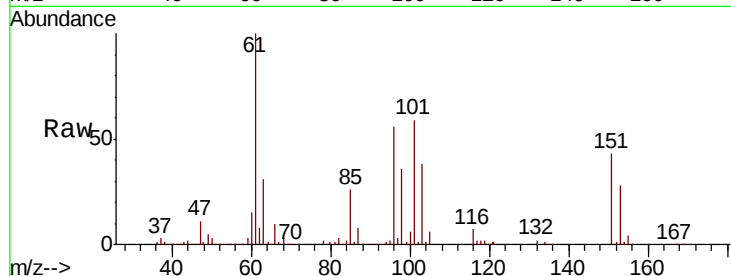
Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

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ClientSampleId :
VSTDCCC020

Tgt Ion: 101 Resp: 44334

Ion	Ratio	Lower	Upper
101	100		
85	44.2	0.0	86.8
151	75.2	0.0	169.2



#10

1,1-Dichloroethene

Concen: 20.083 ug/l

RT: 2.37 min Scan# 200

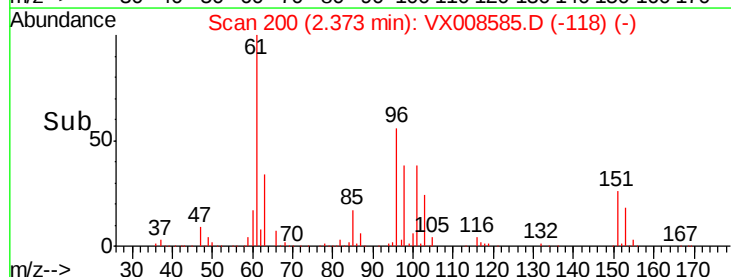
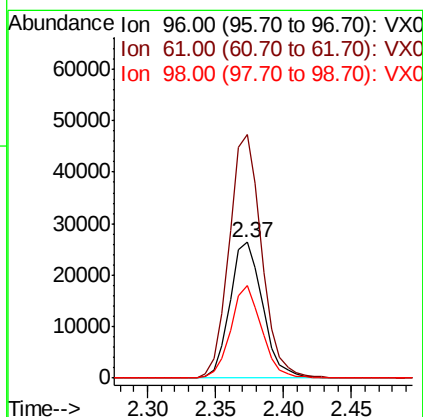
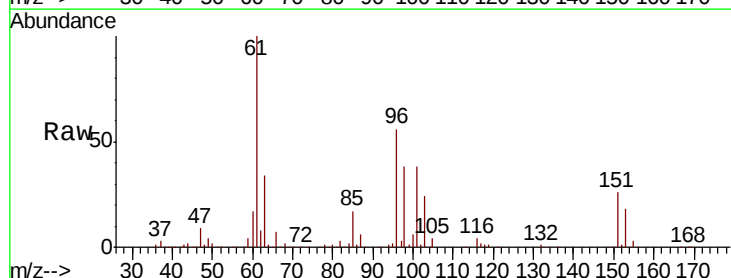
Delta R.T. -0.00 min

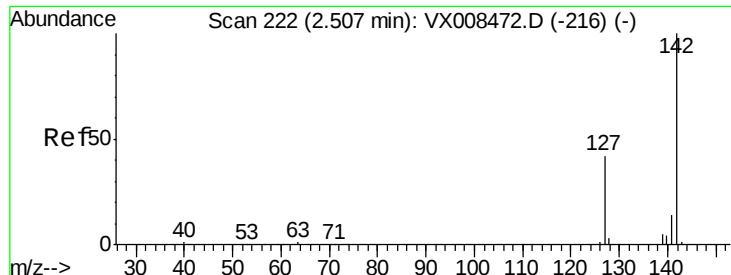
Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Tgt Ion: 96 Resp: 44440

Ion	Ratio	Lower	Upper
96	100		
61	179.1	120.2	180.2
98	67.7	49.0	73.4

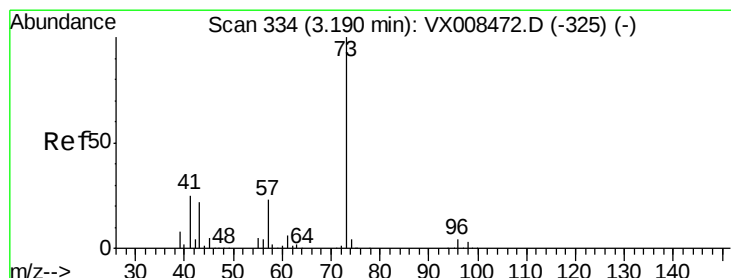
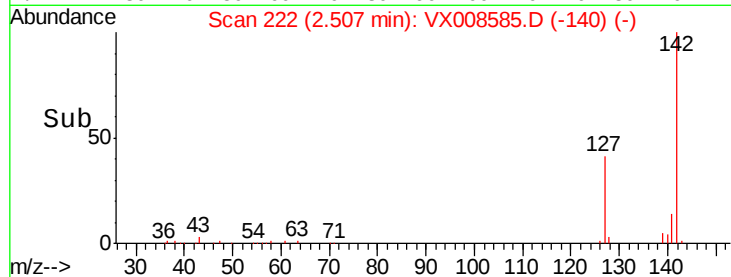
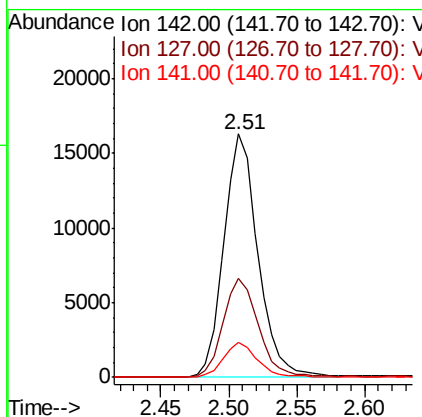
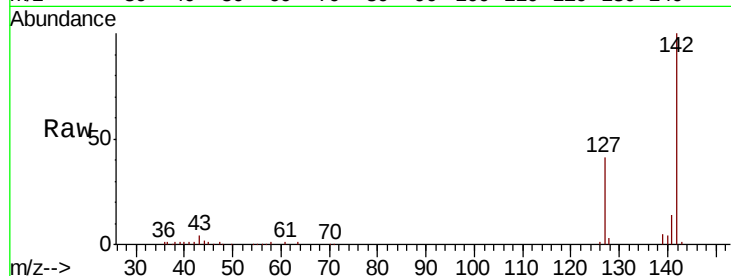




#11
Methyl Iodide
Concen: 12.422 ug/l
RT: 2.51 min Scan# 222
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

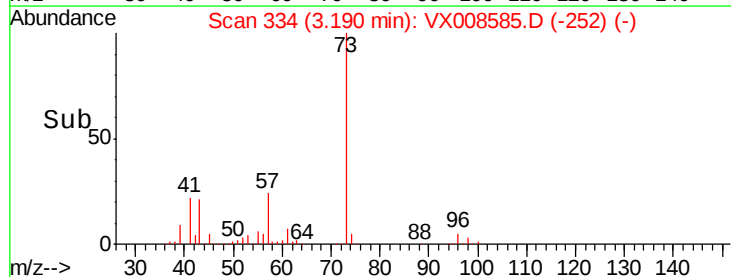
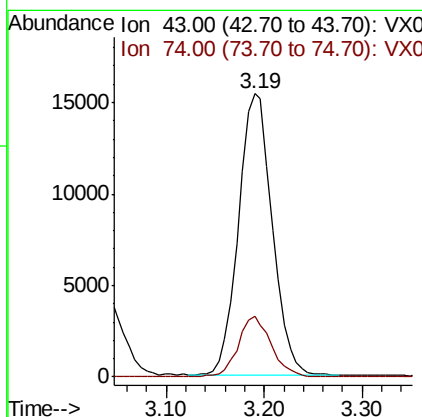
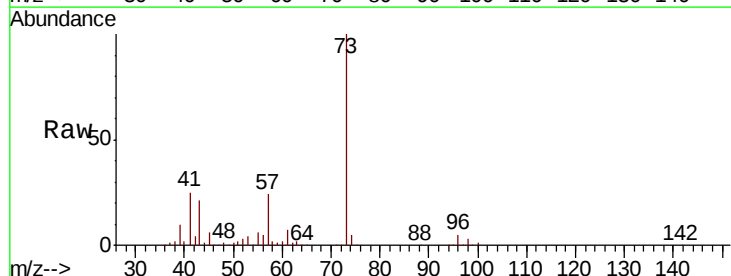
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

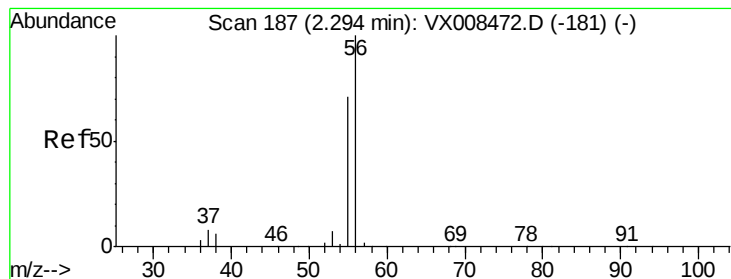
Tgt Ion: 142 Resp: 28462
Ion Ratio Lower Upper
142 100
127 40.8 22.1 66.5
141 14.2 7.4 22.3



#12
Methyl Acetate
Concen: 20.566 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 43 Resp: 36885
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.0





#13

Acrolein

Concen: 89.491 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

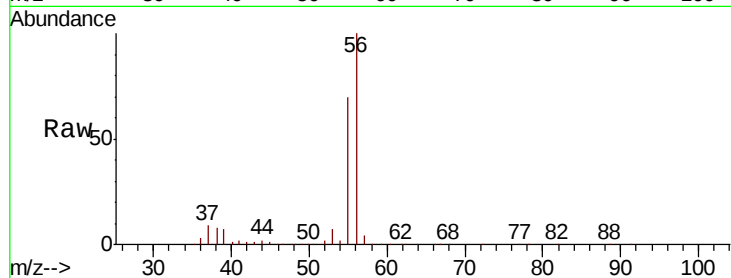
VSTDCCC020

Tgt Ion: 56 Resp: 46044

Ion Ratio Lower Upper

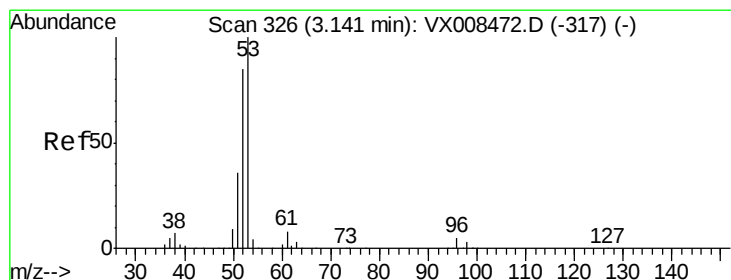
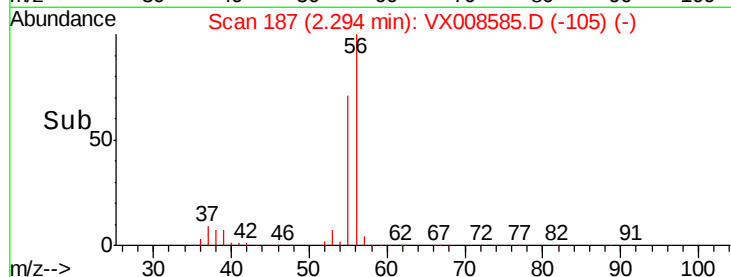
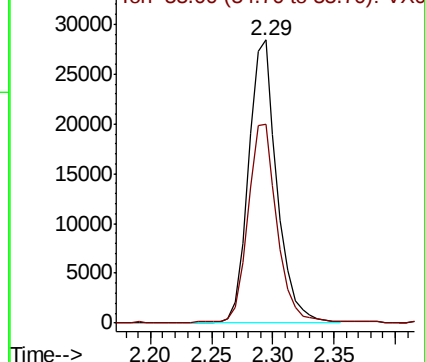
56 100

55 71.8 58.6 87.8



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 104.935 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

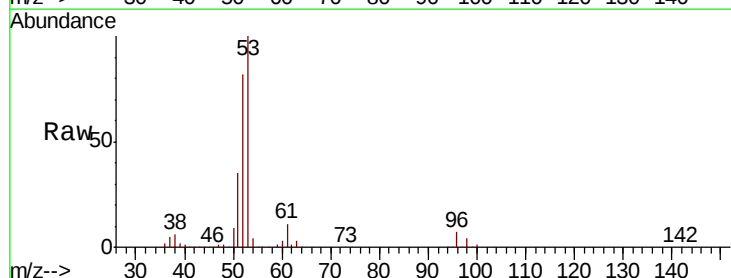
Tgt Ion: 53 Resp: 173994

Ion Ratio Lower Upper

53 100

52 82.8 41.3 124.1

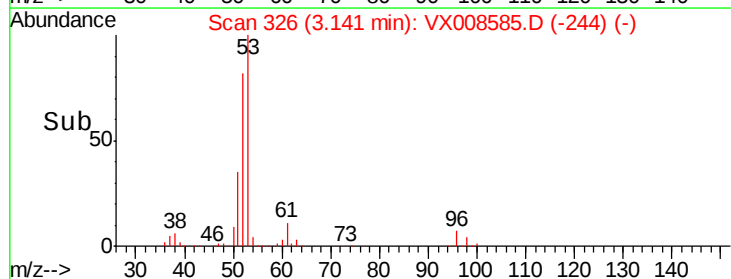
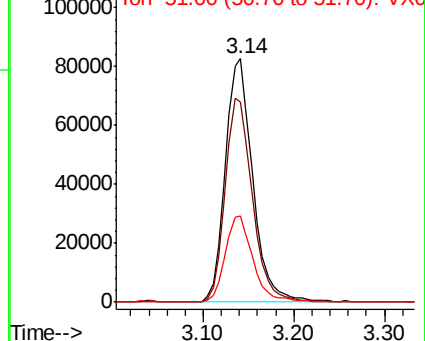
51 35.6 17.5 52.6

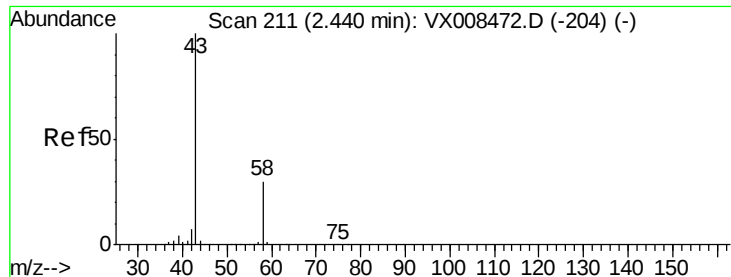


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 116.735 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

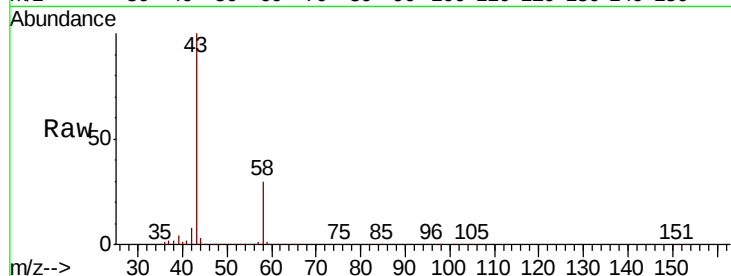
VSTDCCC020

Tgt Ion: 58 Resp: 59689

Ion Ratio Lower Upper

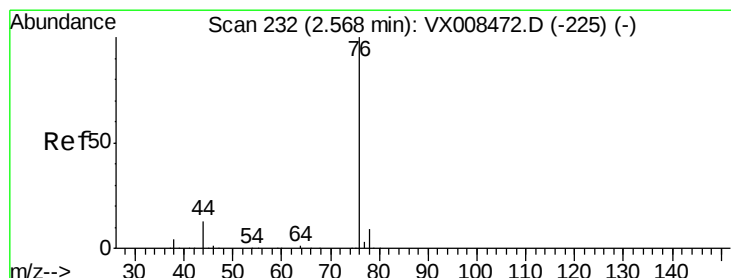
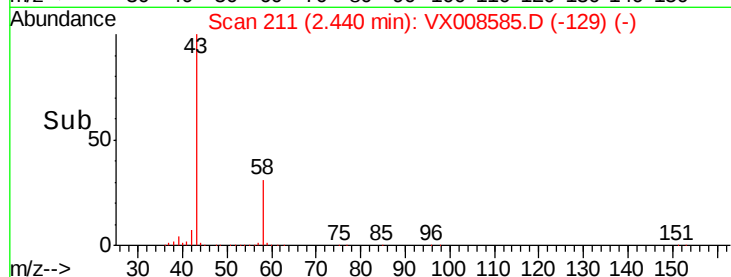
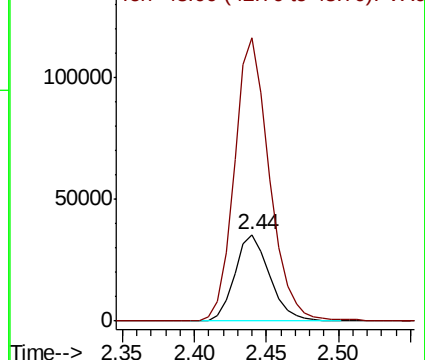
58 100

43 328.2 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0



#16

Carbon Disulfide

Concen: 19.664 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX008585.D

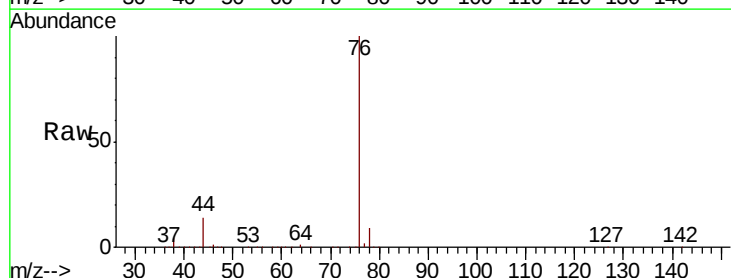
Acq: 02 Apr 2019 10:20

Tgt Ion: 76 Resp: 135357

Ion Ratio Lower Upper

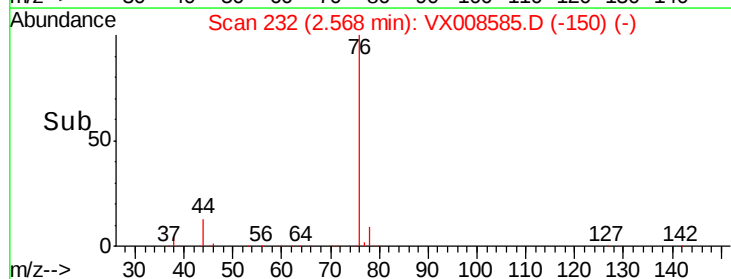
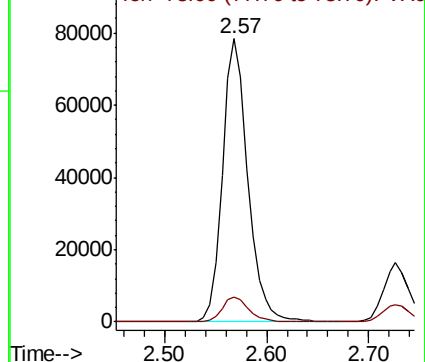
76 100

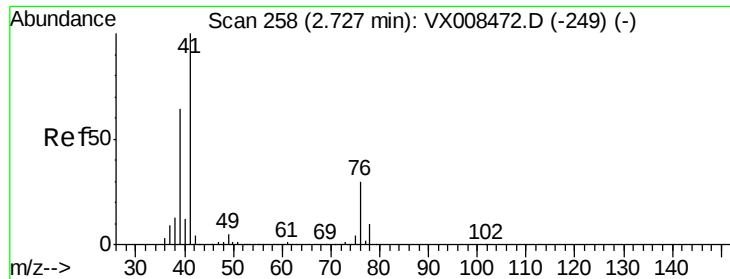
78 8.9 7.5 11.3



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

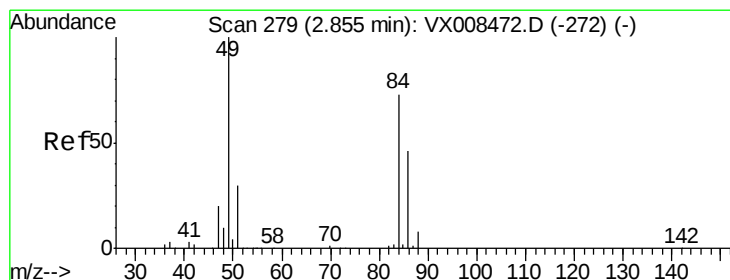
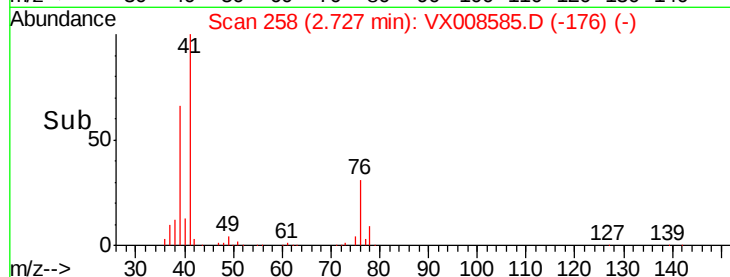
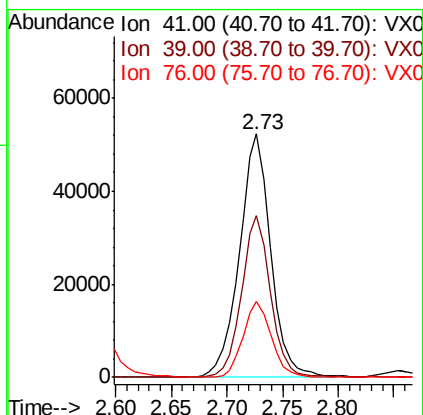
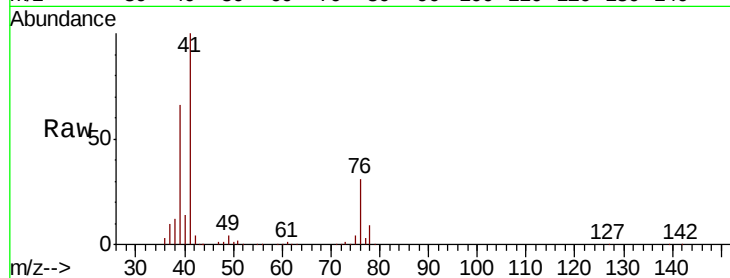




#17
 Allyl chloride
 Concen: 20.411 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

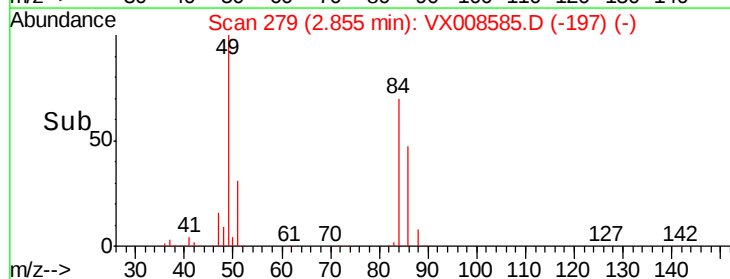
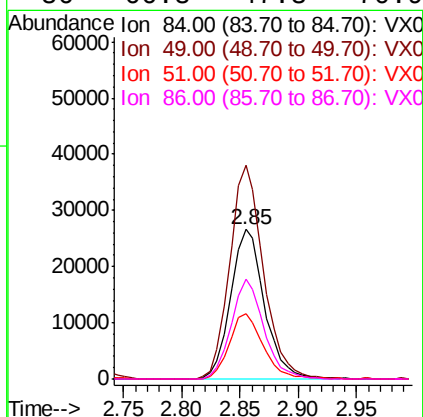
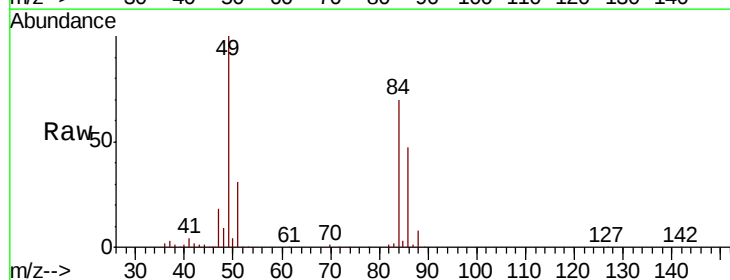
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

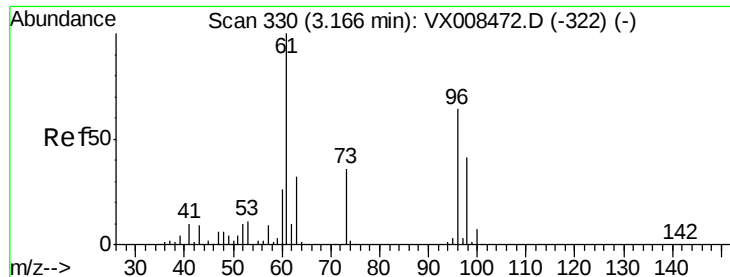
Tgt Ion: 41 Resp: 101509
 Ion Ratio Lower Upper
 41 100
 39 66.2 35.8 107.4
 76 31.0 18.3 54.9



#18
 Methylene Chloride
 Concen: 20.382 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 84 Resp: 53914
 Ion Ratio Lower Upper
 84 100
 49 142.6 96.1 144.1
 51 43.9 29.1 43.7#
 86 66.8 47.3 70.9

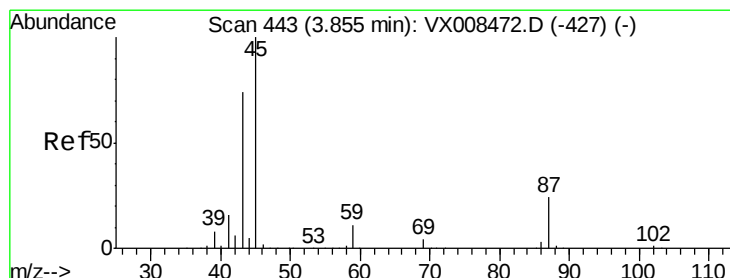
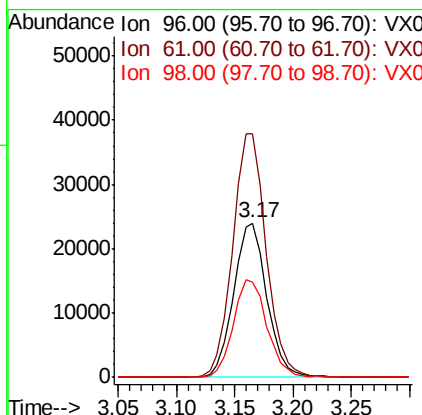
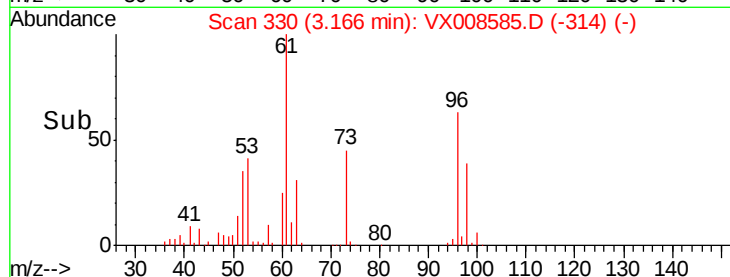
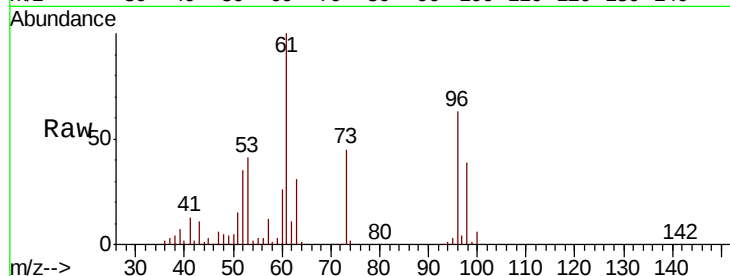




#19
trans-1,2-Dichloroethene
Concen: 20.261 ug/l
RT: 3.17 min Scan# 330
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

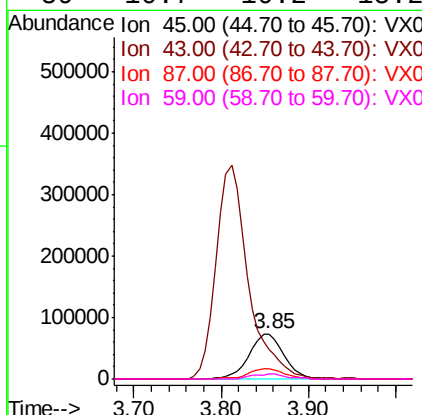
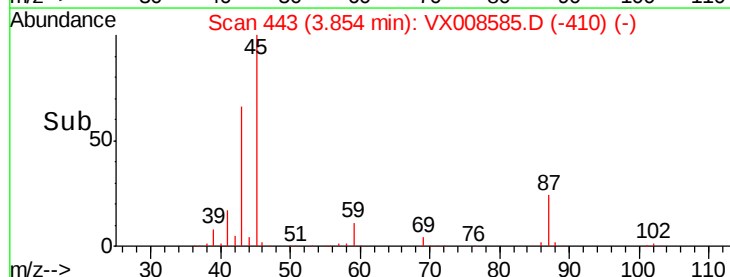
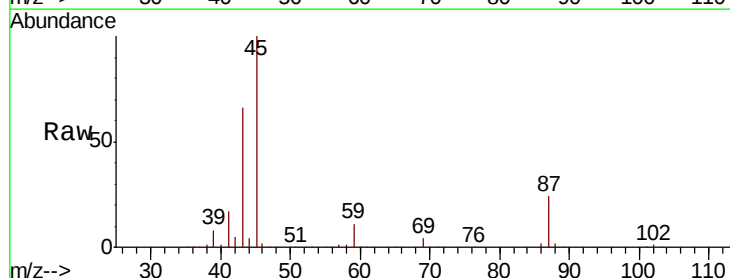
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

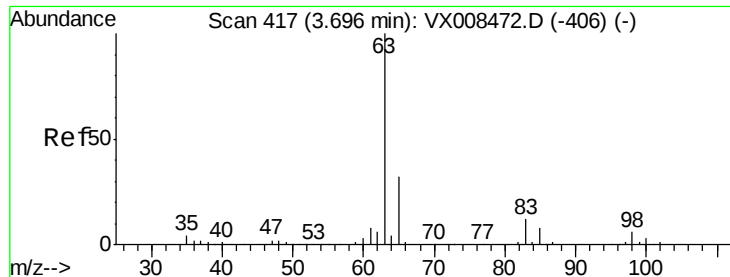
Tgt Ion: 96 Resp: 47900
Ion Ratio Lower Upper
96 100
61 157.5 109.9 164.9
98 61.9 50.4 75.6



#20
Diisopropyl ether
Concen: 21.100 ug/l
RT: 3.85 min Scan# 443
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 45 Resp: 204238
Ion Ratio Lower Upper
45 100
43 64.9 50.6 76.0
87 23.6 24.5 36.7#
59 10.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 20.896 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

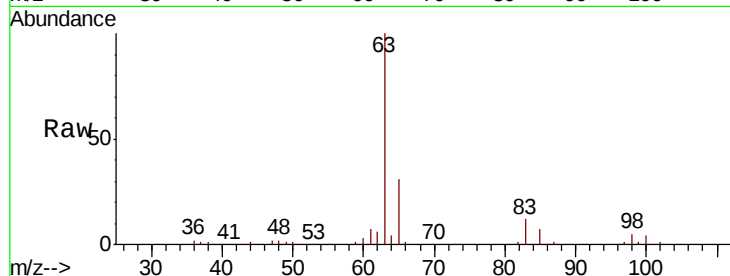
Tgt Ion: 63 Resp: 101526

Ion Ratio Lower Upper

63 100

98 5.3 3.8 11.4

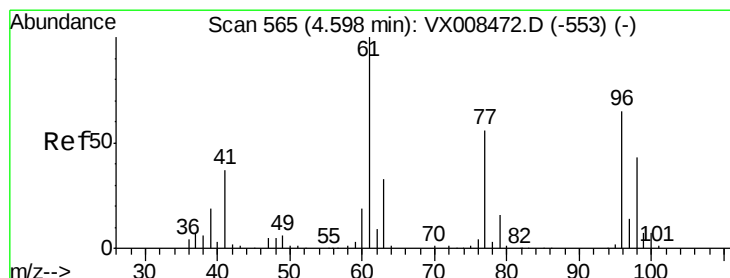
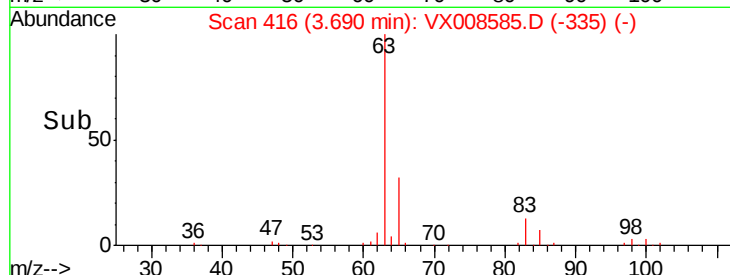
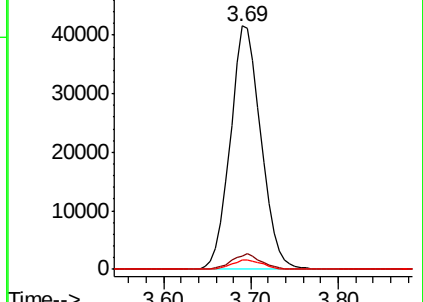
100 3.9 2.4 7.1



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 20.351 ug/l

RT: 4.59 min Scan# 564

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

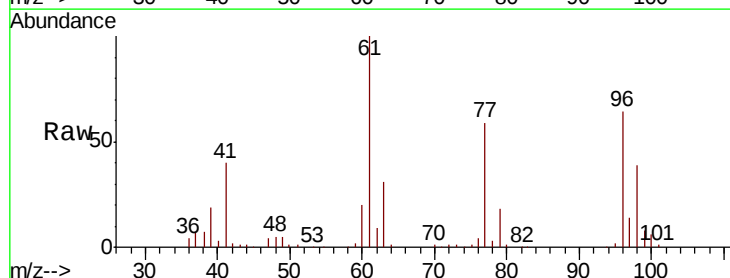
Tgt Ion: 96 Resp: 55597

Ion Ratio Lower Upper

96 100

61 165.9 103.5 155.3#

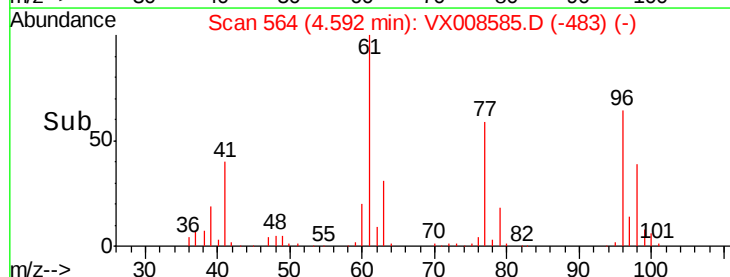
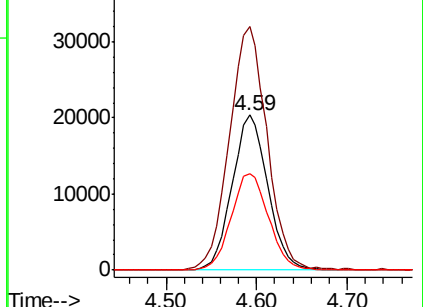
98 65.3 52.1 78.1

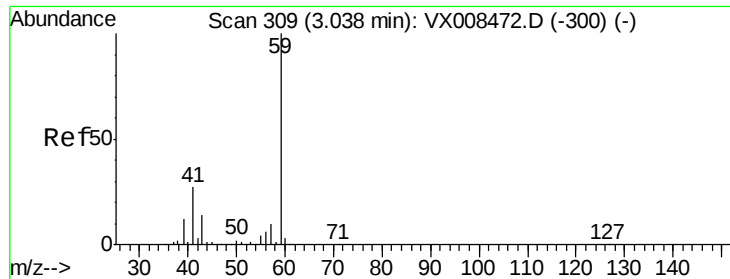


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

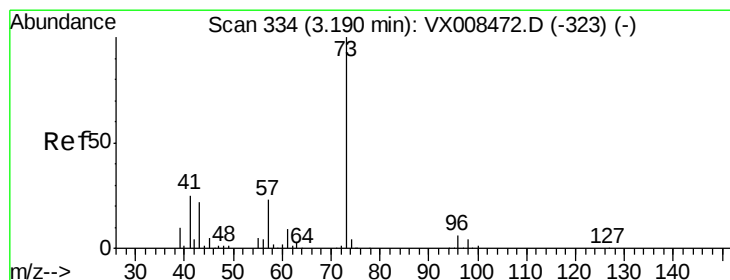
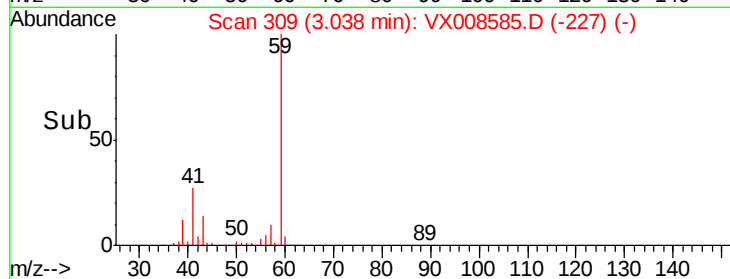
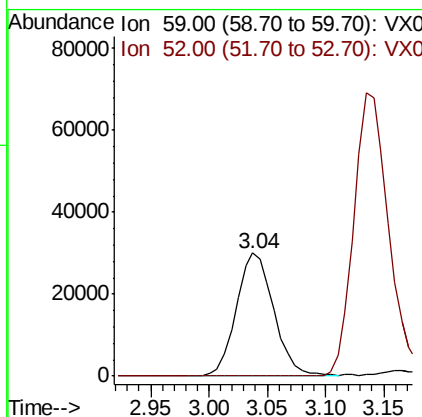
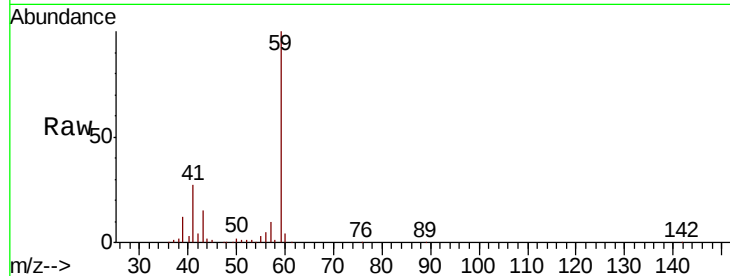




#23
 tert-Butyl Alcohol
 Concen: 101.005 ug/l
 RT: 3.04 min Scan# 309
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

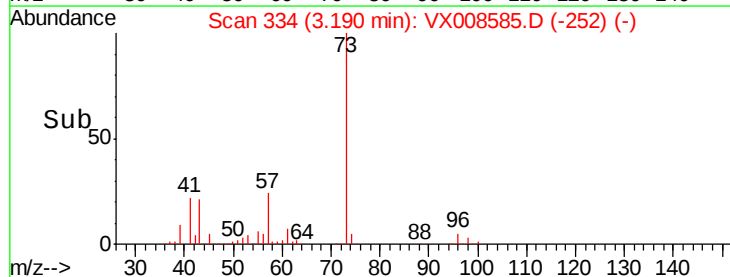
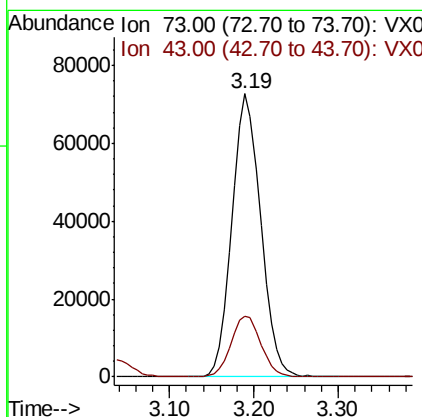
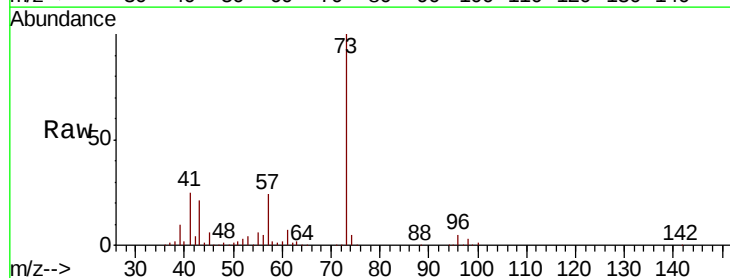
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

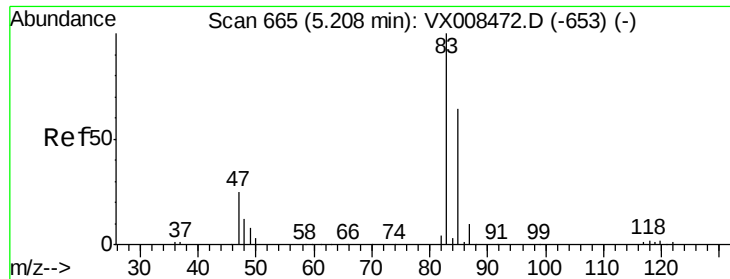
Tgt Ion: 59 Resp: 67629
 Ion Ratio Lower Upper
 59 100
 52 0.3 0.2 0.2#



#24
 Methyl tert-Butyl Ether
 Concen: 20.647 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 73 Resp: 167911
 Ion Ratio Lower Upper
 73 100
 43 22.0 17.1 25.7

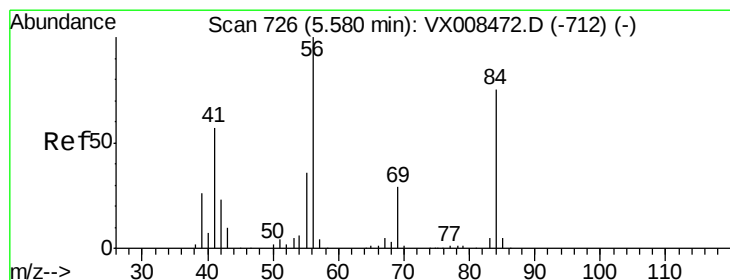
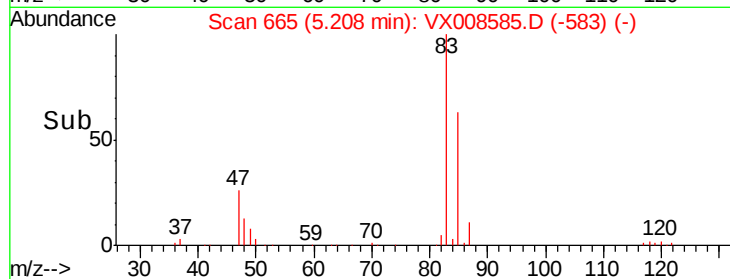
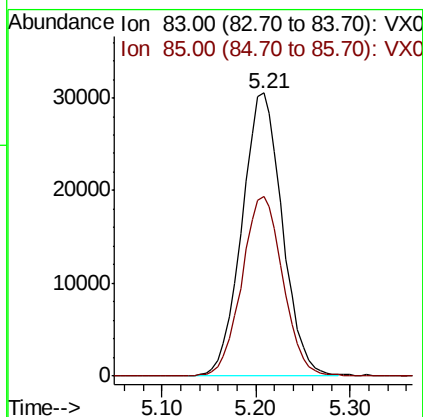
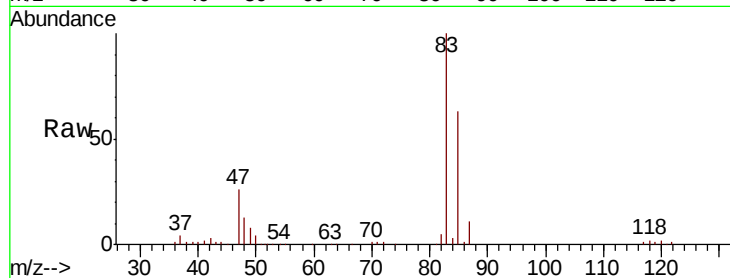




#25
Chloroform
Concen: 20.820 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

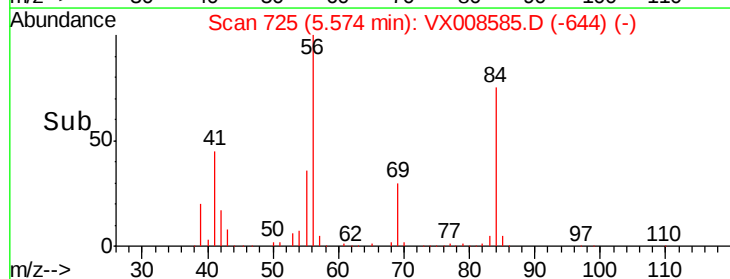
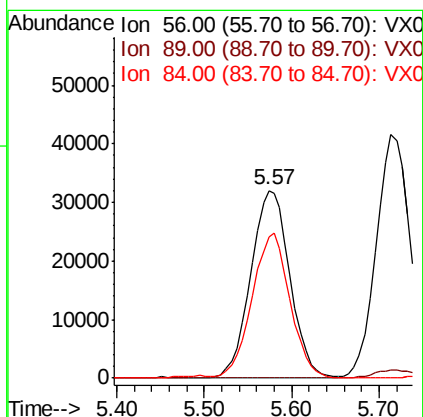
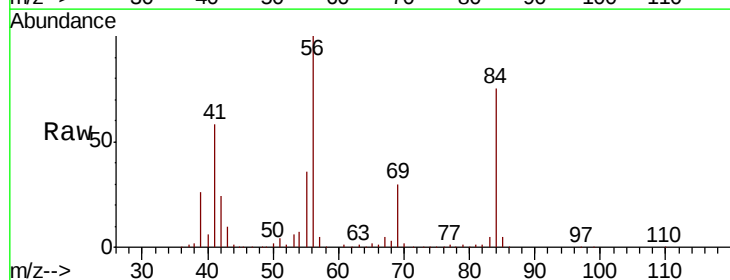
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

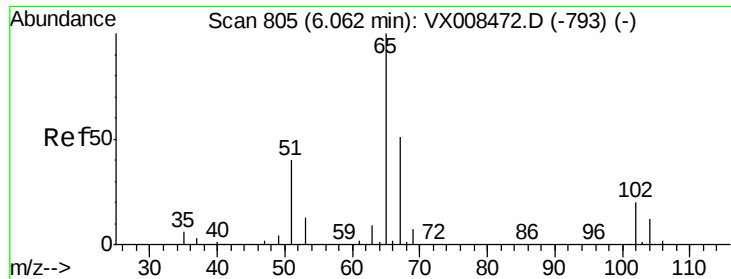
Tgt Ion: 83 Resp: 91628
Ion Ratio Lower Upper
83 100
85 63.4 53.8 80.6



#26
Cyclohexane
Concen: 21.144 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 56 Resp: 99805
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 74.4 73.9 110.9





#27

1,2-Dichloroethane-d4

Concen: 29.628 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

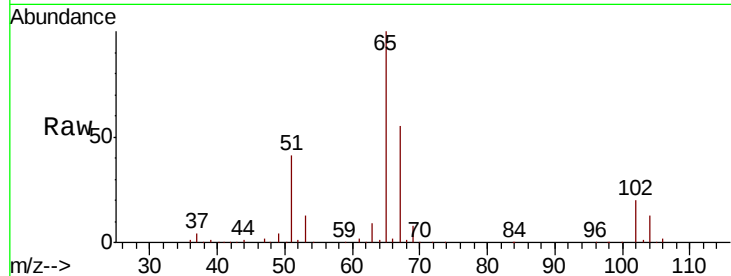
VSTDCCC020

Tgt Ion: 65 Resp: 86608

Ion Ratio Lower Upper

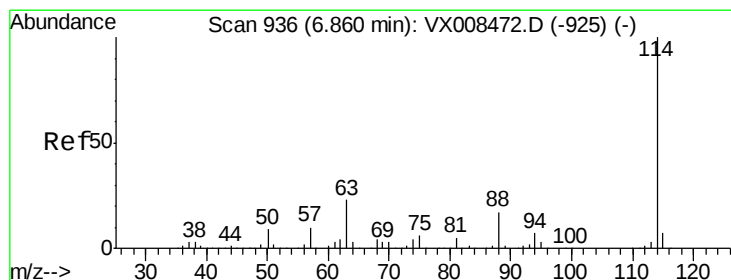
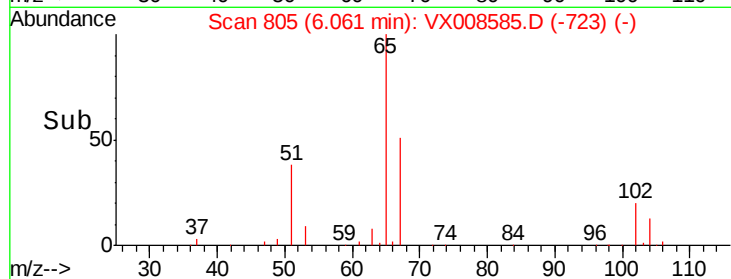
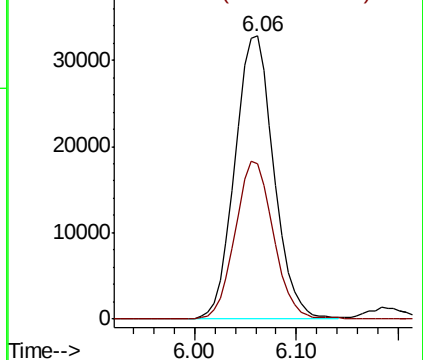
65 100

67 55.0 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

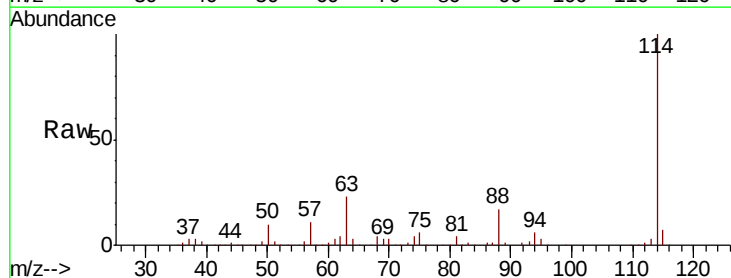
Tgt Ion: 114 Resp: 201454

Ion Ratio Lower Upper

114 100

63 23.8 14.2 21.4#

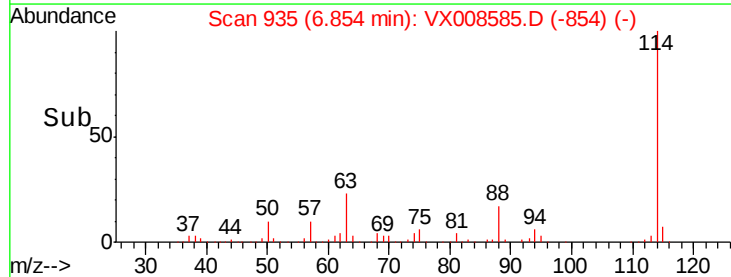
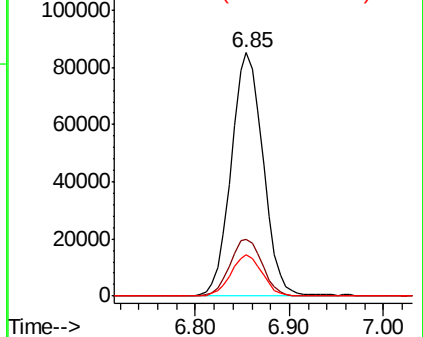
88 16.6 11.9 17.9

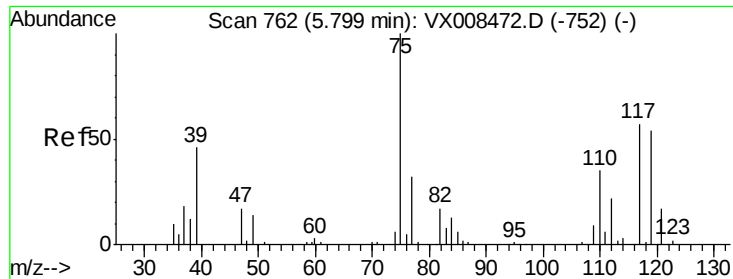


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 21.119 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

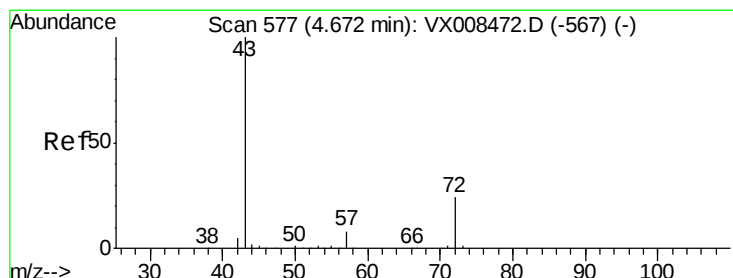
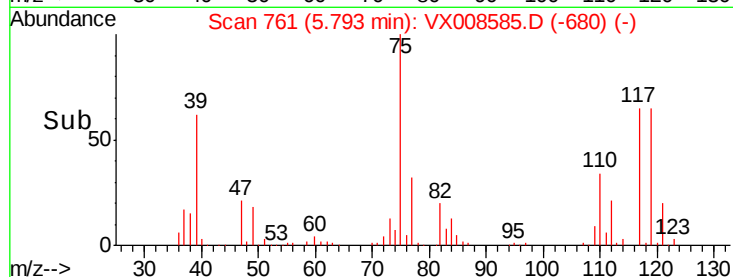
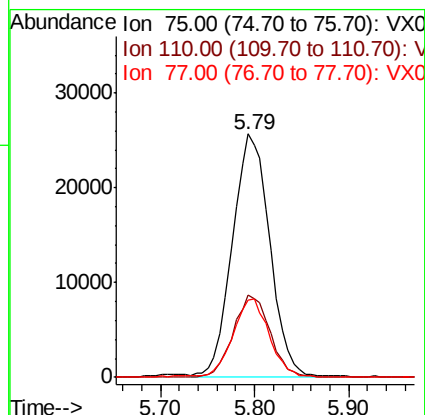
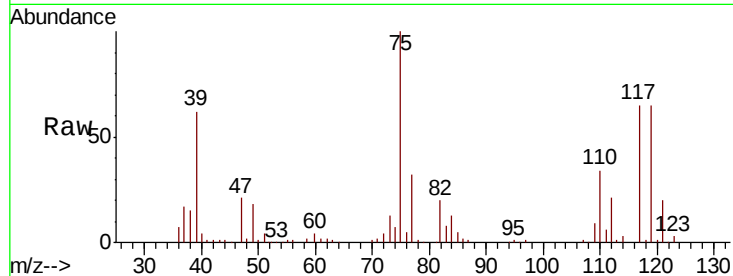
Tgt Ion: 75 Resp: 71577

Ion Ratio Lower Upper

75 100

110 33.1 0.0 80.8

77 31.2 0.0 62.4



#30

2-Butanone

Concen: 111.050 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

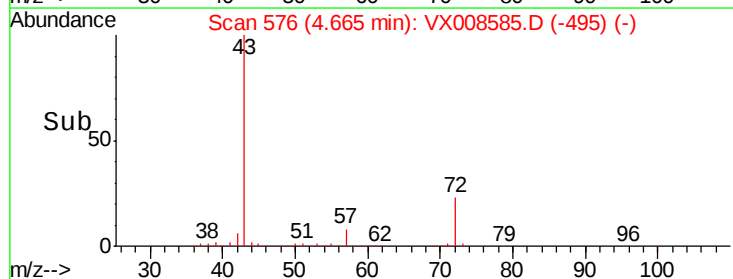
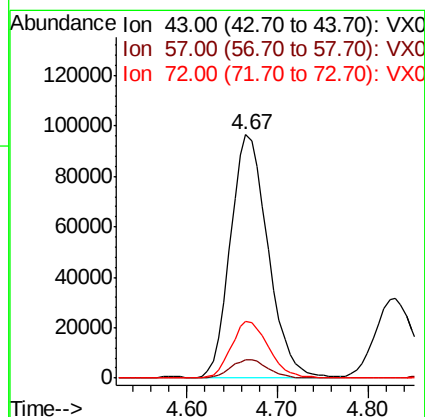
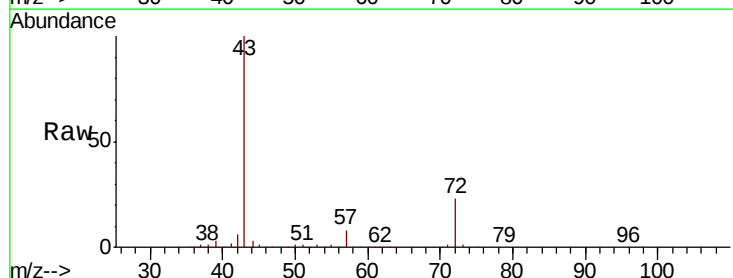
Tgt Ion: 43 Resp: 276761

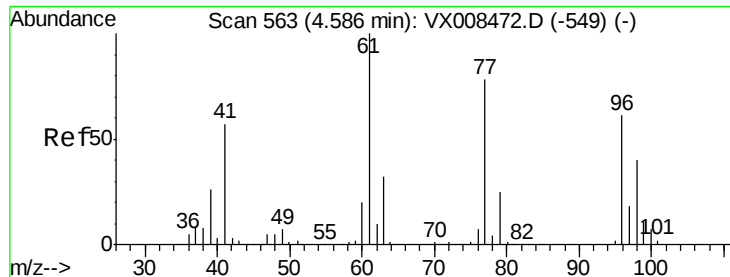
Ion Ratio Lower Upper

43 100

57 7.8 7.0 10.6

72 22.7 21.5 32.3

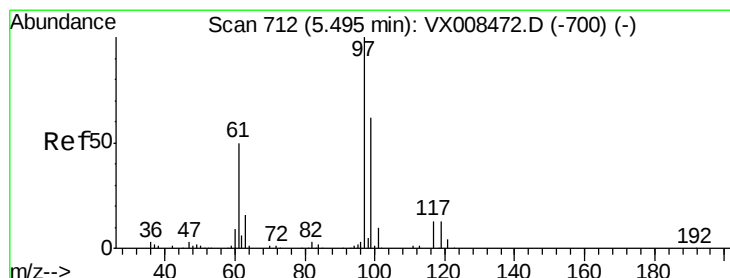
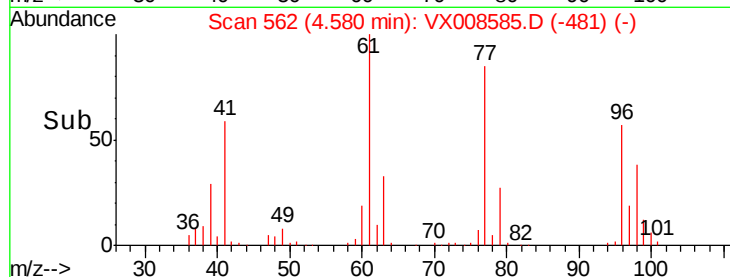
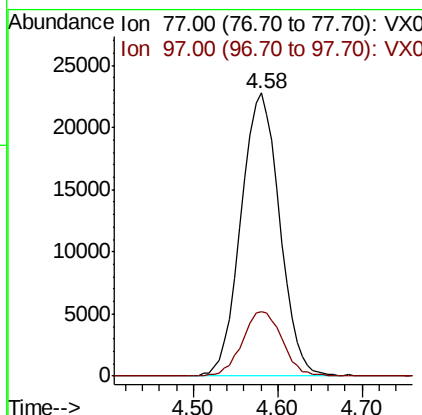
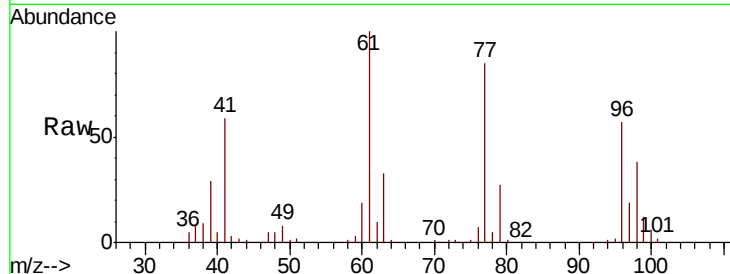




#31
 2,2-Dichloropropane
 Concen: 21.005 ug/l
 RT: 4.58 min Scan# 562
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

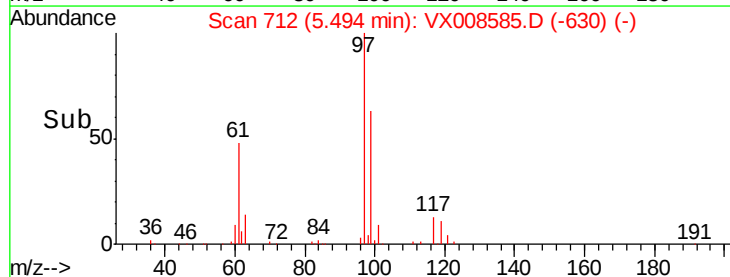
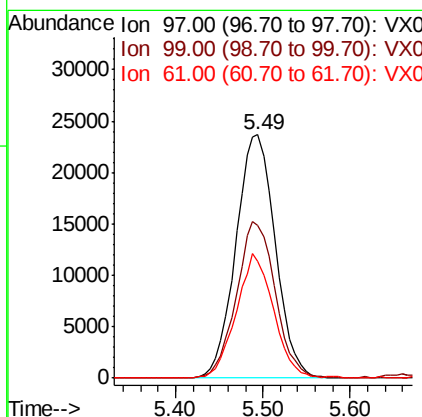
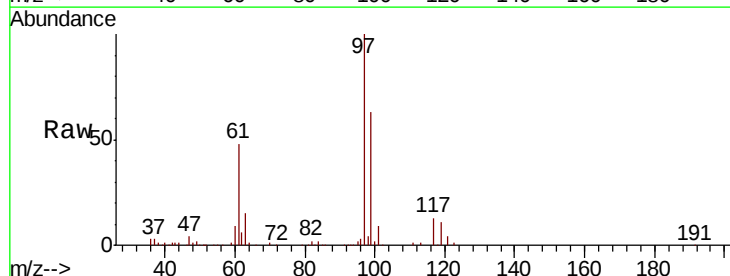
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

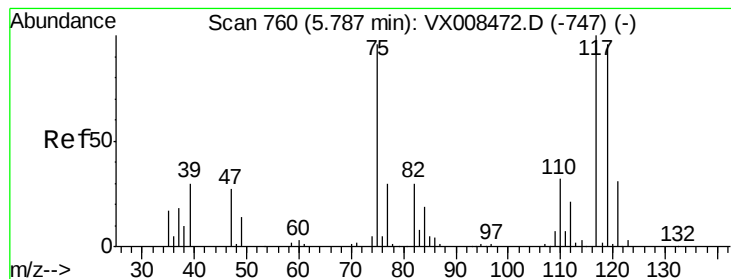
Tgt Ion: 77 Resp: 71101
 Ion Ratio Lower Upper
 77 100
 97 23.3 20.6 31.0



#32
 1,1,1-Trichloroethane
 Concen: 21.086 ug/l
 RT: 5.49 min Scan# 712
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 97 Resp: 74211
 Ion Ratio Lower Upper
 97 100
 99 63.3 51.7 77.5
 61 48.2 32.8 49.2





#33

Carbon Tetrachloride

Concen: 20.595 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

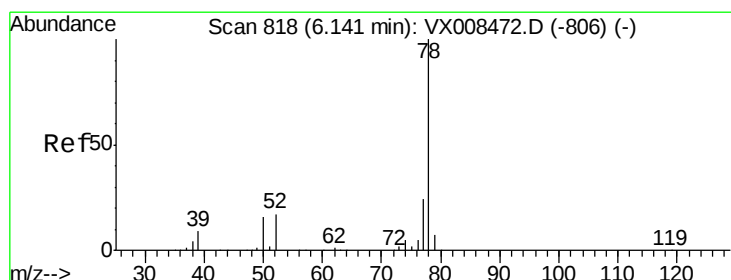
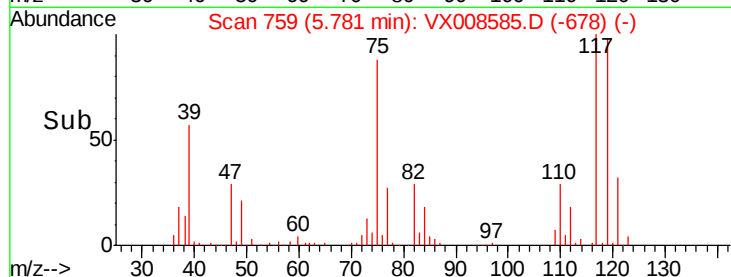
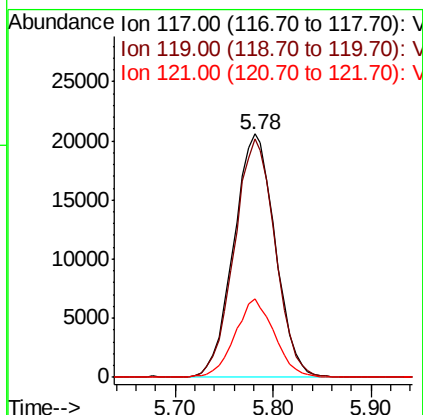
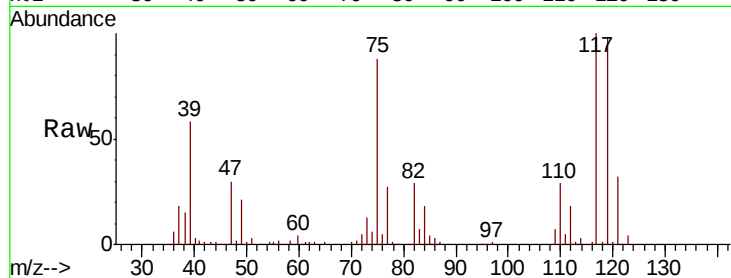
Tgt Ion:117 Resp: 60645

Ion Ratio Lower Upper

117 100

119 97.5 78.1 117.1

121 32.3 27.0 40.6



#34

Benzene

Concen: 20.857 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

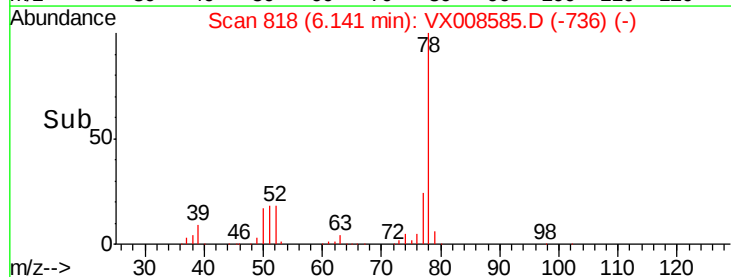
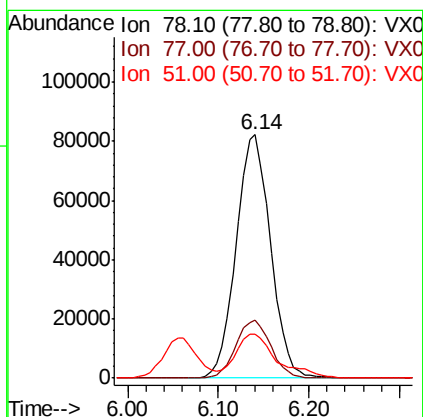
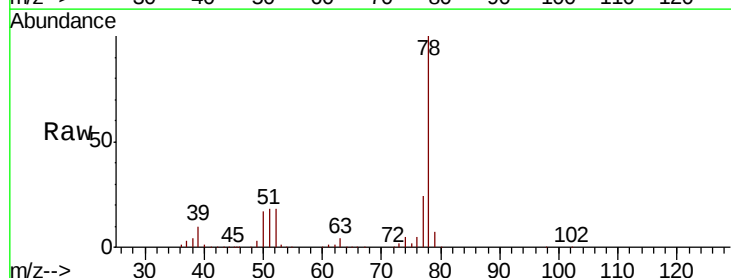
Tgt Ion: 78 Resp: 216083

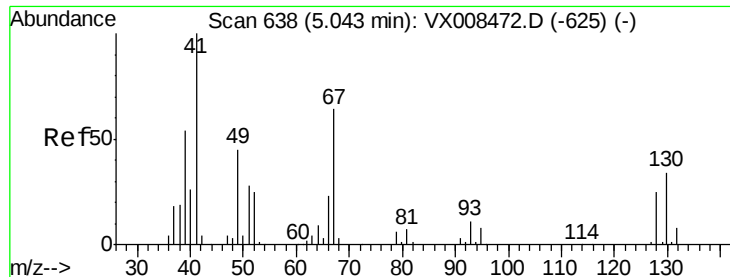
Ion Ratio Lower Upper

78 100

77 23.9 19.1 28.7

51 17.8 10.8 16.2#

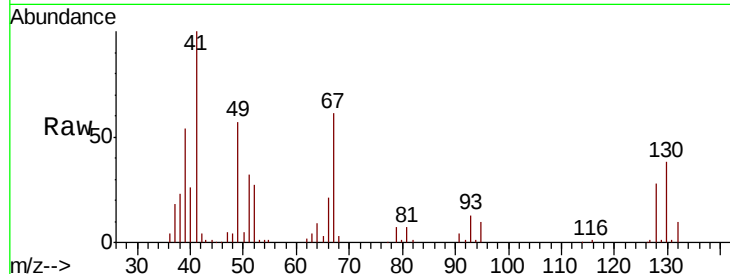




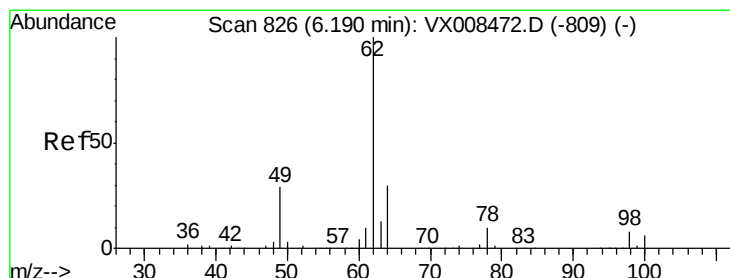
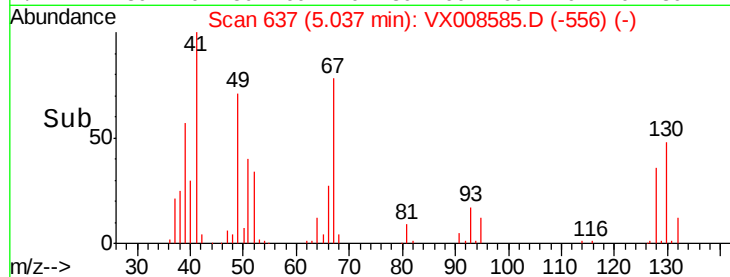
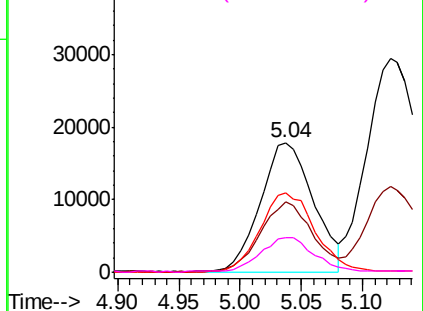
#35
Methacrylonitrile
Concen: 21.194 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC020

Tgt Ion:	41	Resp:	53714
Ion	Ratio	Lower	Upper
41	100		
39	53.9	27.4	82.0
67	61.4	37.9	113.6
52	26.5	13.3	39.9

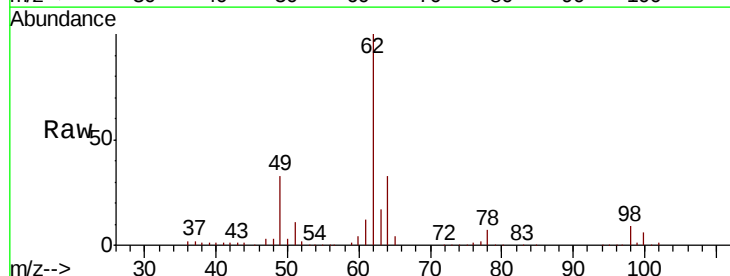


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

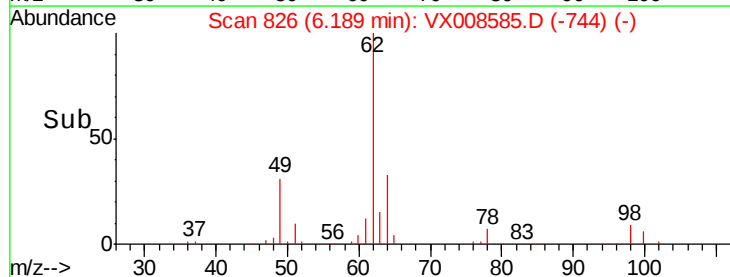
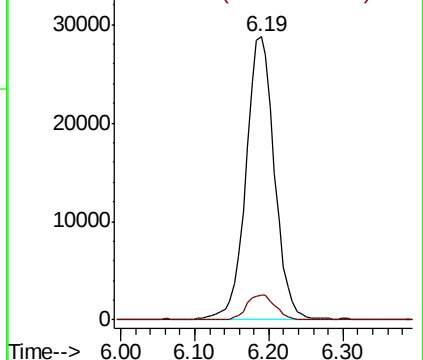


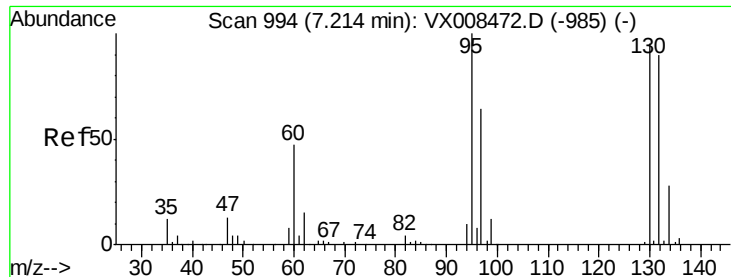
#36
1,2-Dichloroethane
Concen: 21.010 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion:	62	Resp:	77602
Ion	Ratio	Lower	Upper
62	100		
98	9.0	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

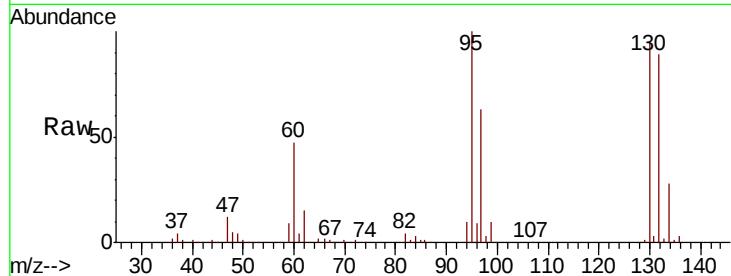




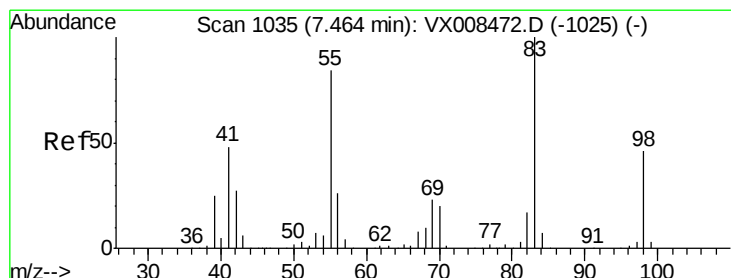
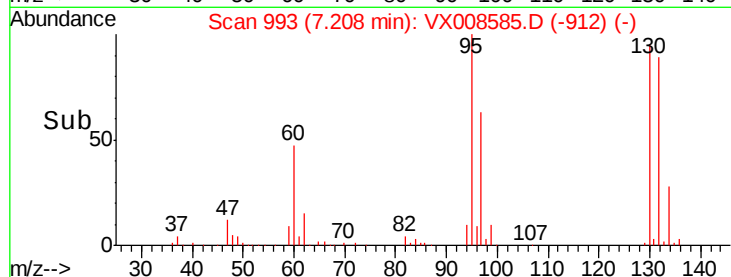
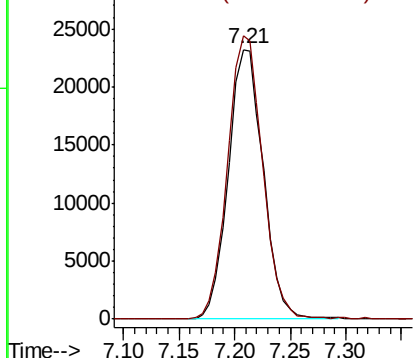
#37
 Trichloroethene
 Concen: 21.158 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:130 Resp: 50409
 Ion Ratio Lower Upper
 130 100
 95 104.9 71.3 106.9

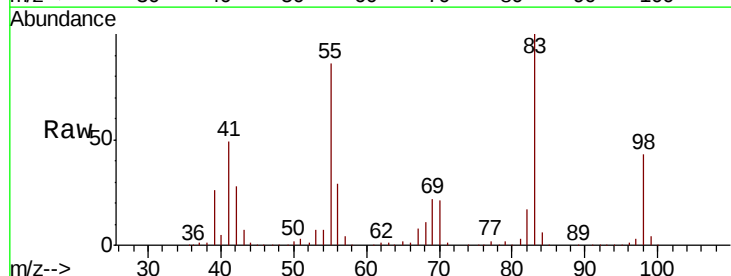


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

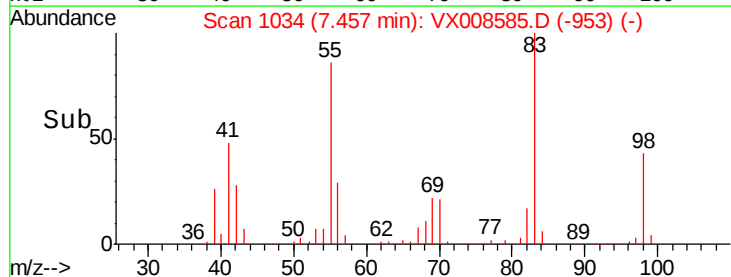
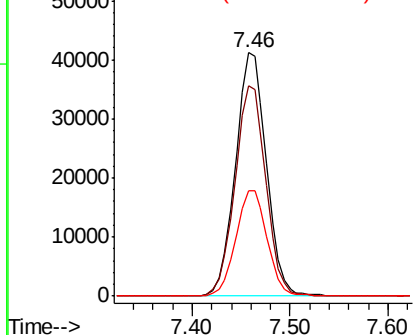


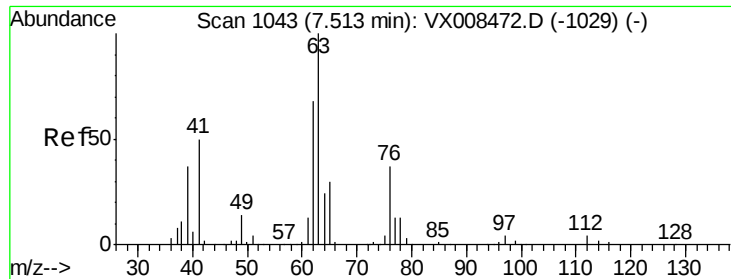
#38
 Methylcyclohexane
 Concen: 21.165 ug/l
 RT: 7.46 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 83 Resp: 90388
 Ion Ratio Lower Upper
 83 100
 55 86.1 36.0 108.0
 98 44.0 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0
 Ion 55.00 (54.70 to 55.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 20.686 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

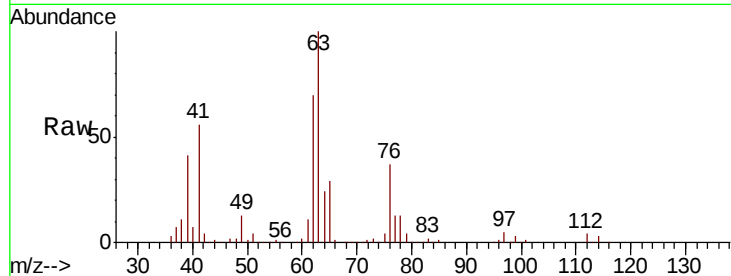
VSTDCCC020

Tgt Ion: 63 Resp: 60785

Ion Ratio Lower Upper

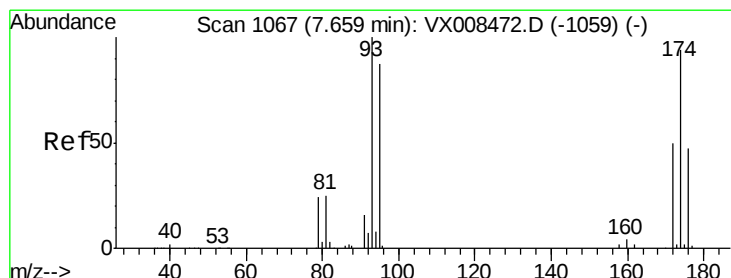
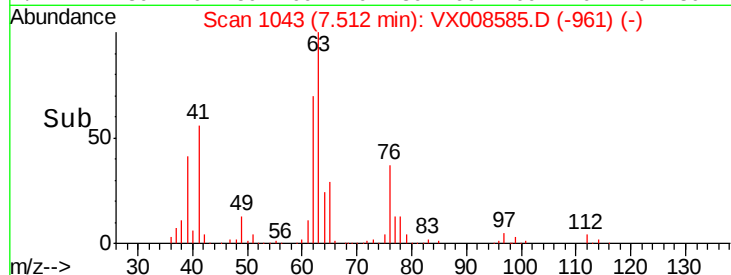
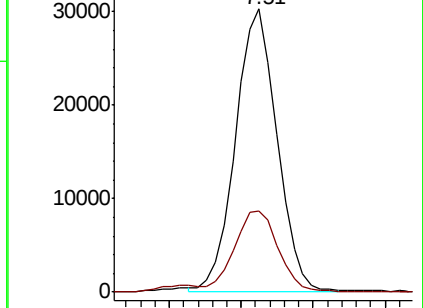
63 100

65 28.5 24.6 37.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 20.840 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

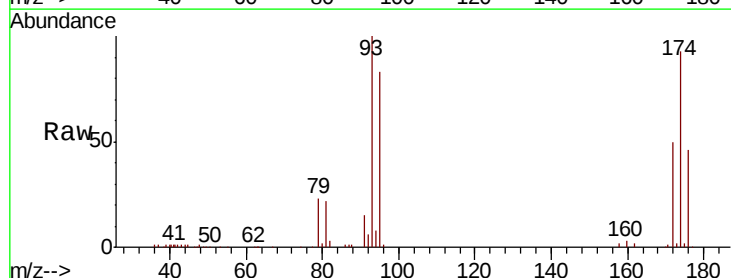
Tgt Ion: 93 Resp: 35474

Ion Ratio Lower Upper

93 100

95 83.1 0.0 158.8

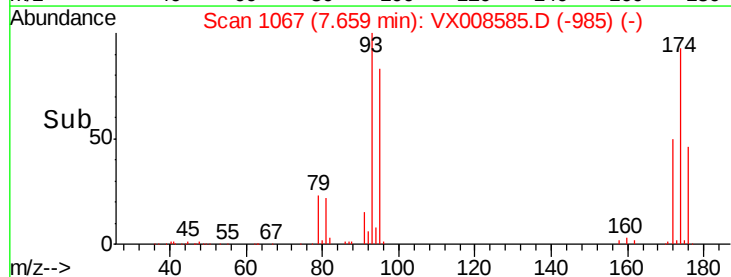
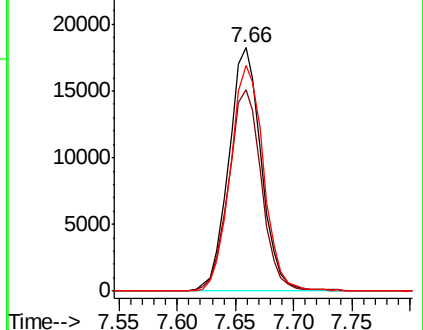
174 94.7 0.0 224.2

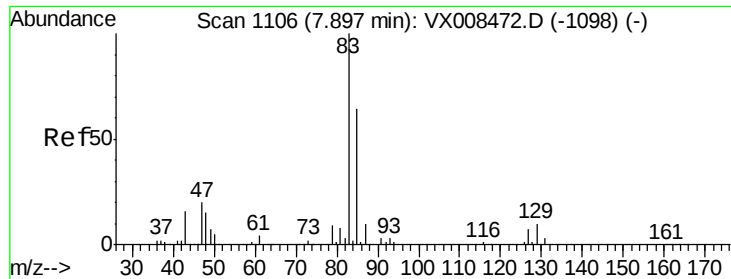


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V

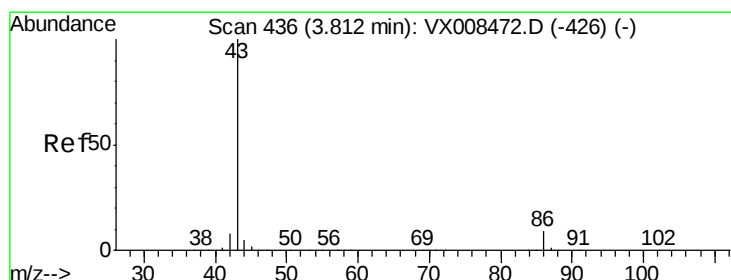
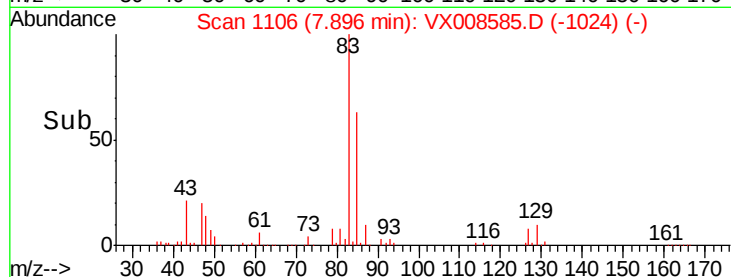
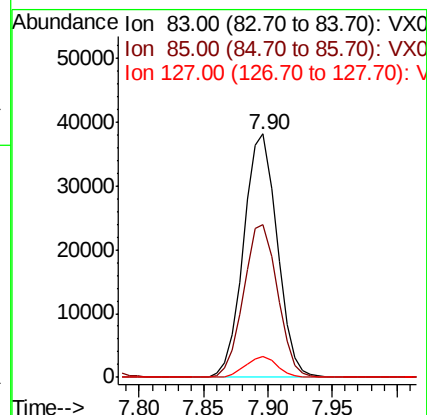
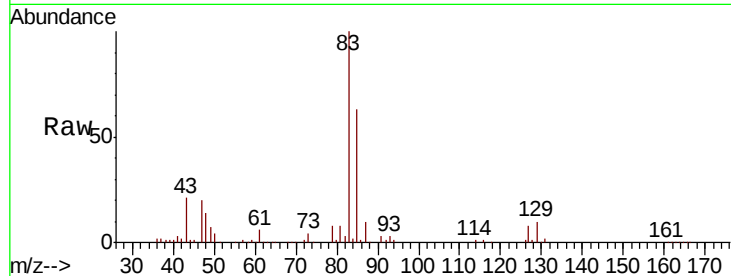




#41
 Bromodichloromethane
 Concen: 20.594 ug/l
 RT: 7.90 min Scan# 1106
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

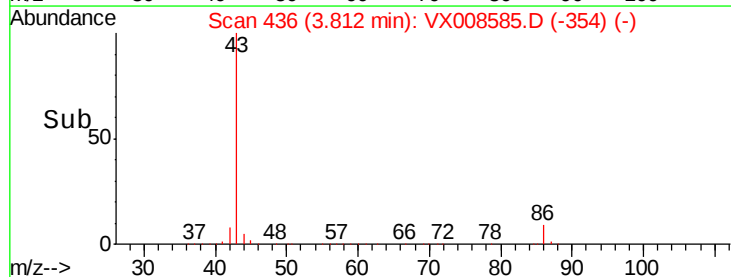
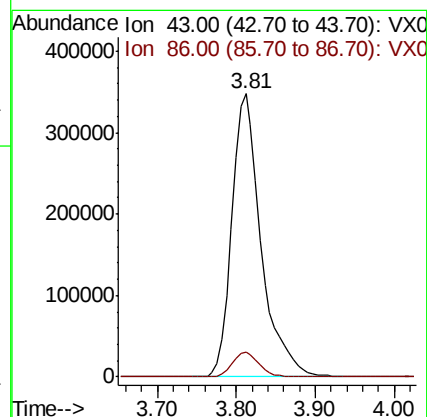
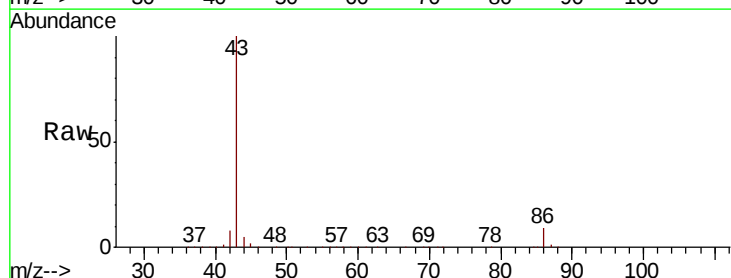
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

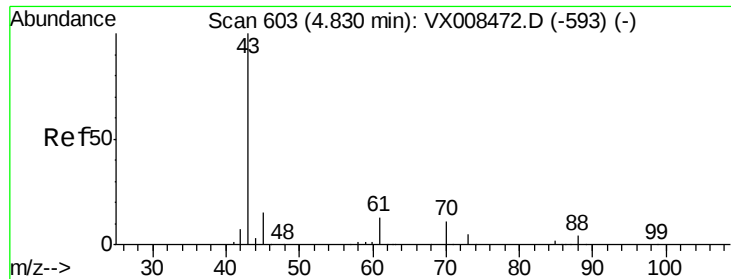
Tgt Ion: 83 Resp: 68926
 Ion Ratio Lower Upper
 83 100
 85 62.7 51.1 76.7
 127 8.4 7.2 10.8



#42
 Vinyl Acetate
 Concen: 105.965 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 43 Resp: 895233
 Ion Ratio Lower Upper
 43 100
 86 7.9 8.2 12.2#

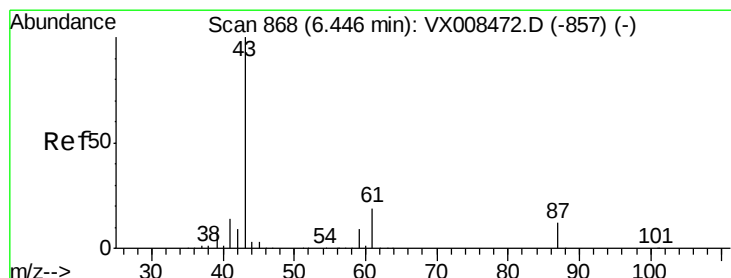
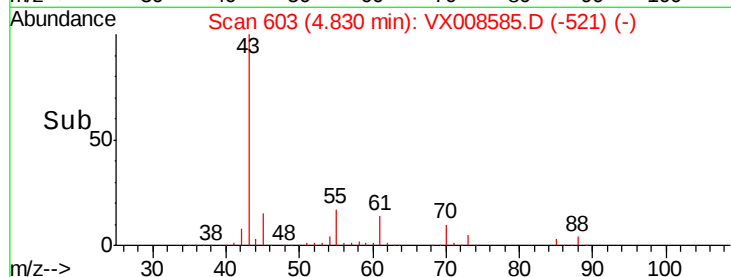
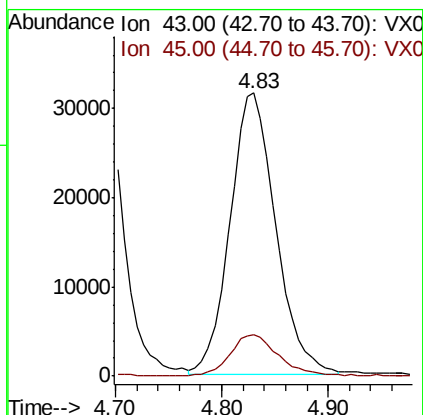
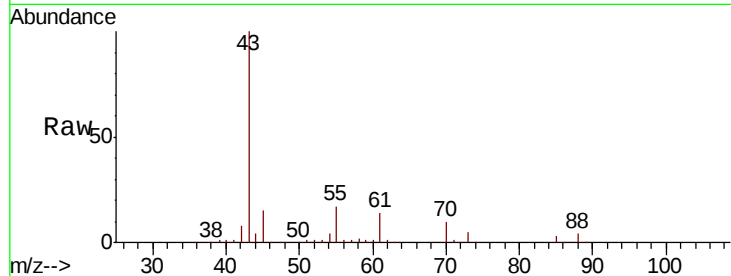




#43
Ethyl Acetate
Concen: 21.164 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

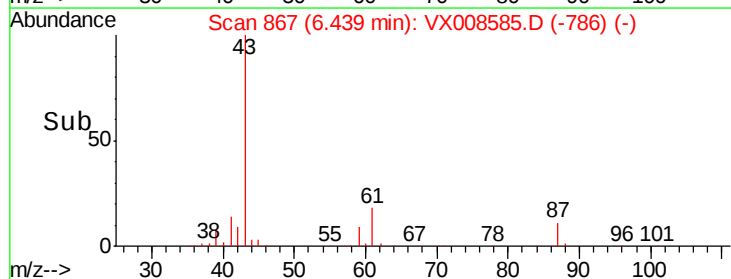
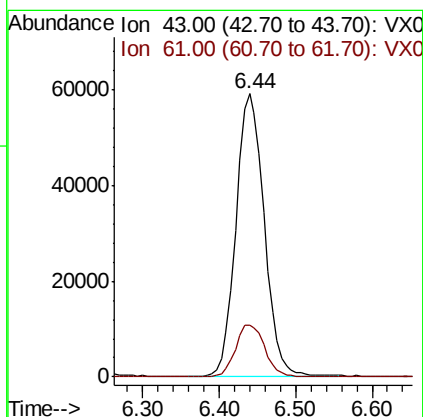
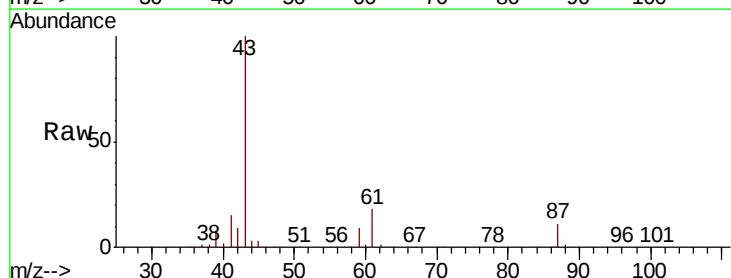
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

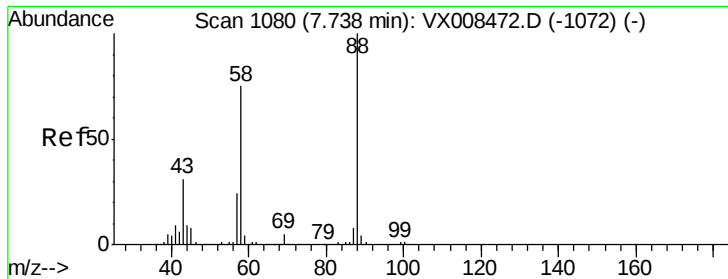
Tgt Ion: 43 Resp: 94931
Ion Ratio Lower Upper
43 100
45 15.1 6.9 10.3#



#44
Isopropyl Acetate
Concen: 20.844 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 43 Resp: 151184
Ion Ratio Lower Upper
43 100
61 19.3 16.1 24.1

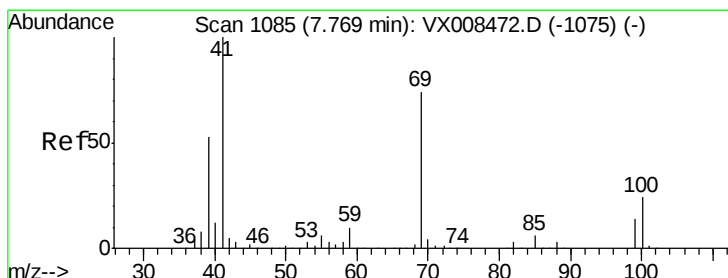
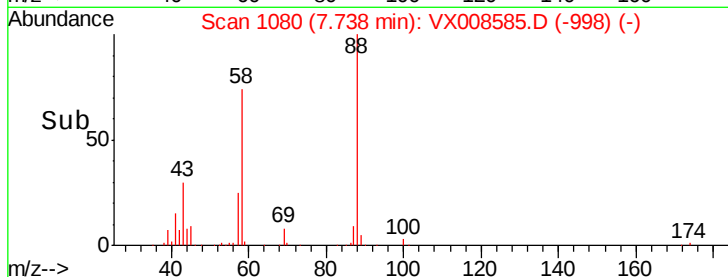
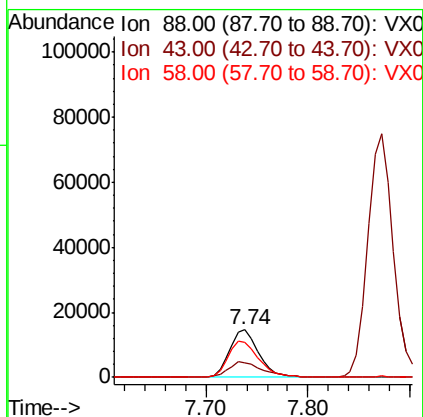
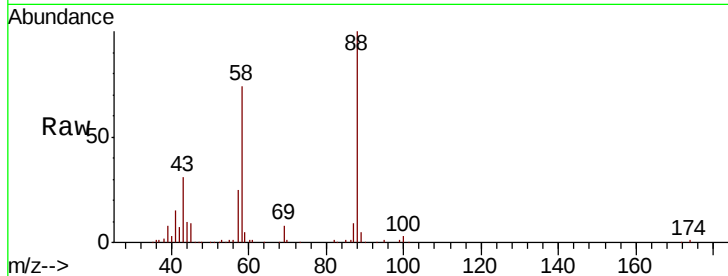




#45
 1,4-Dioxane
 Concen: 404.158 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

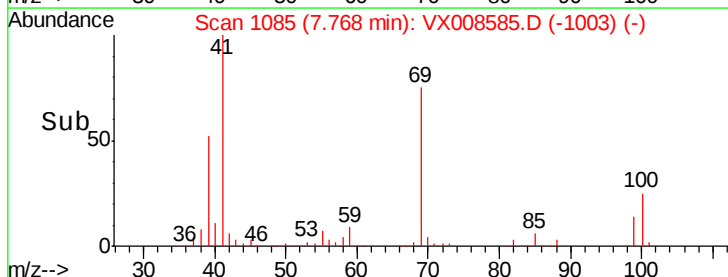
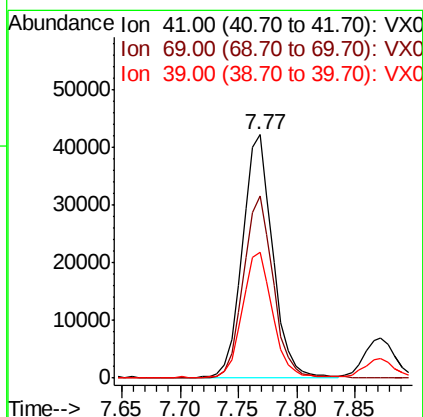
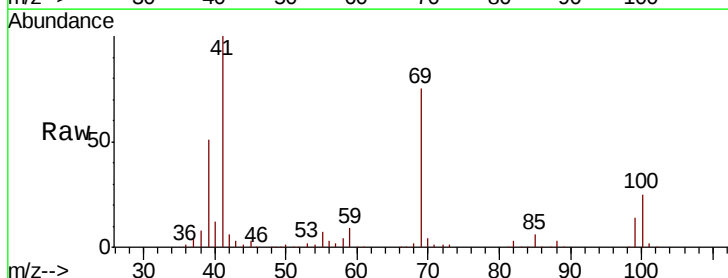
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

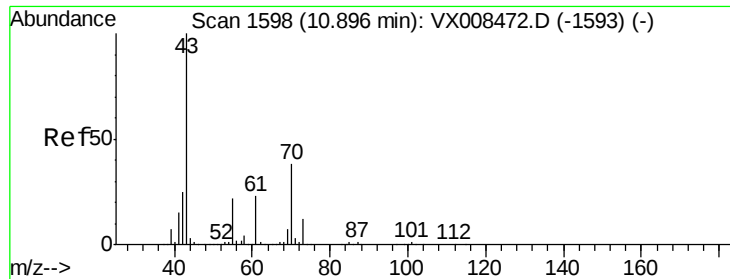
Tgt Ion: 88 Resp: 29182
 Ion Ratio Lower Upper
 88 100
 43 36.7 23.6 35.4#
 58 80.9 51.6 77.4#



#46
 Methyl methacrylate
 Concen: 20.625 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 41 Resp: 75978
 Ion Ratio Lower Upper
 41 100
 69 75.0 44.2 132.6
 39 51.4 29.9 89.8

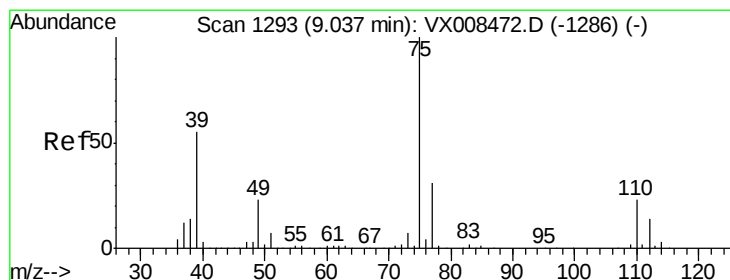
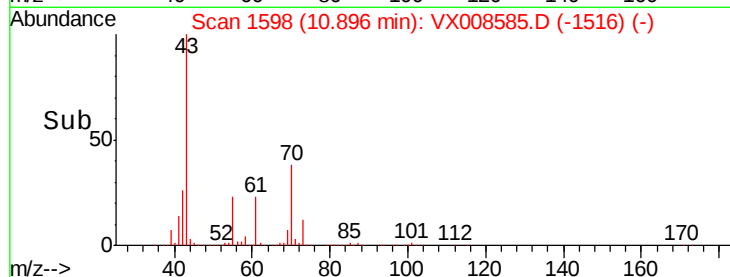
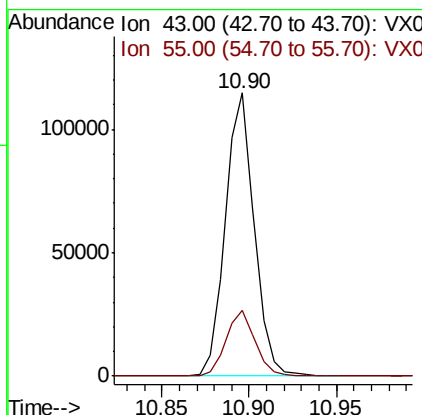
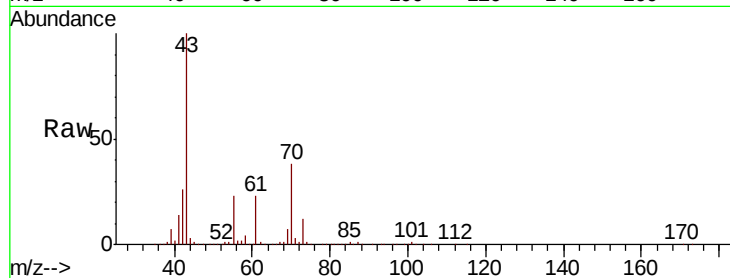




#47
n-amyl Acetate
Concen: 20.013 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

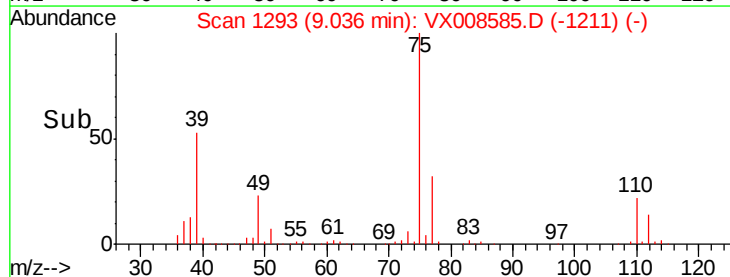
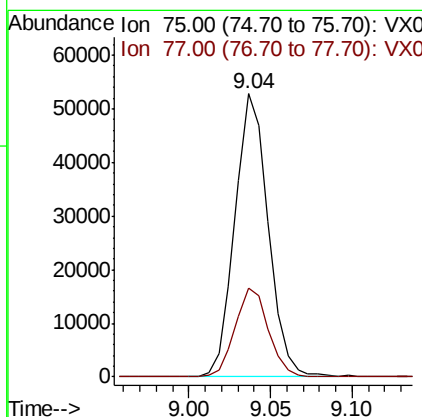
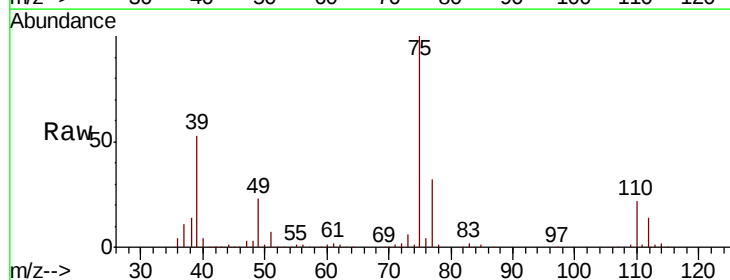
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

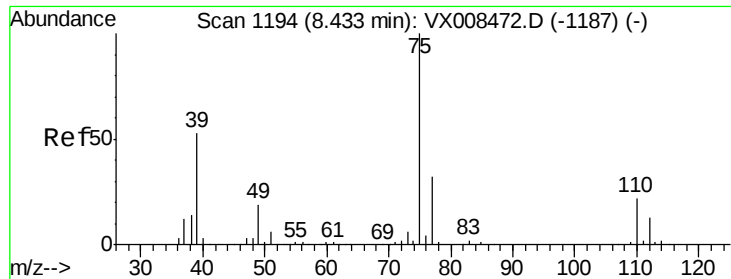
Tgt Ion: 43 Resp: 131856
Ion Ratio Lower Upper
43 100
55 23.1 20.8 31.2



#48
t-1,3-Dichloropropene
Concen: 19.932 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 75 Resp: 75350
Ion Ratio Lower Upper
75 100
77 31.6 24.5 36.7

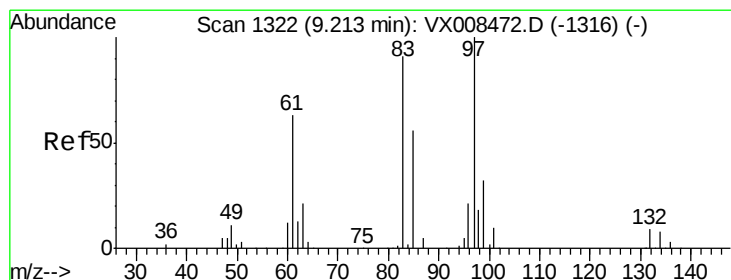
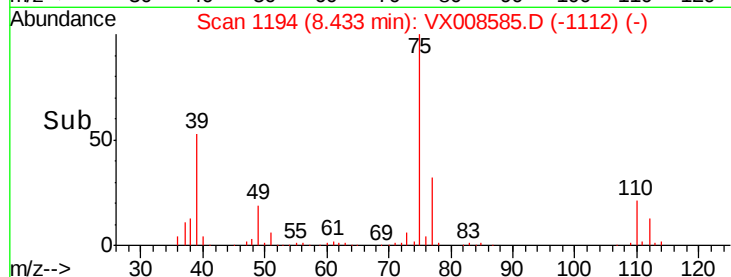
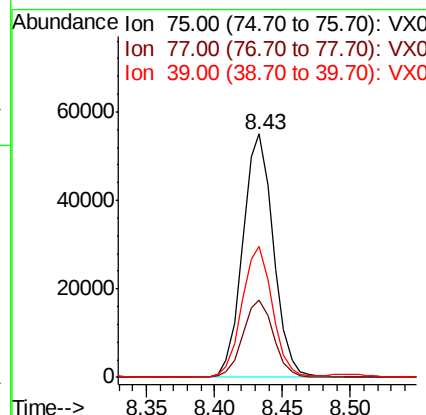
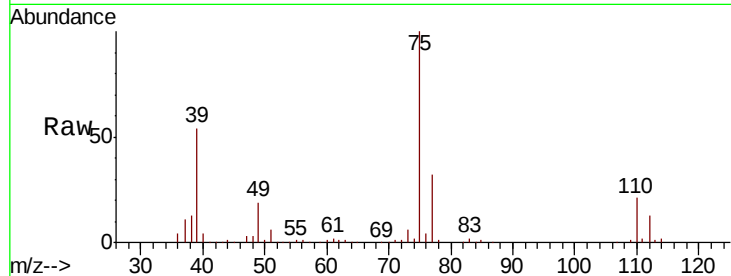




#49
 cis-1,3-Dichloropropene
 Concen: 20.532 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

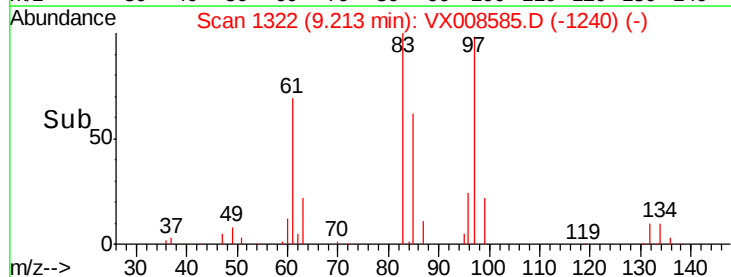
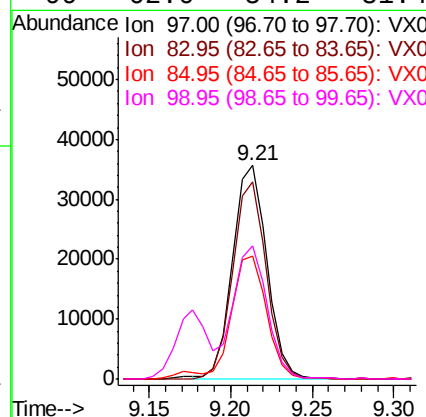
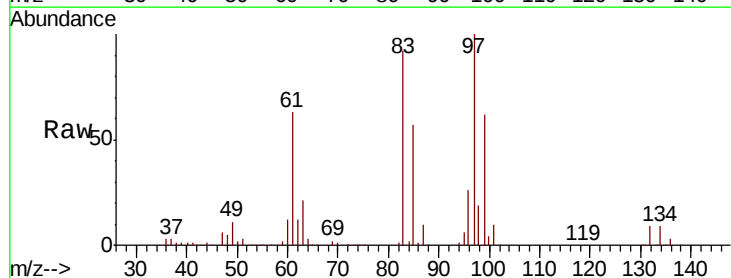
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

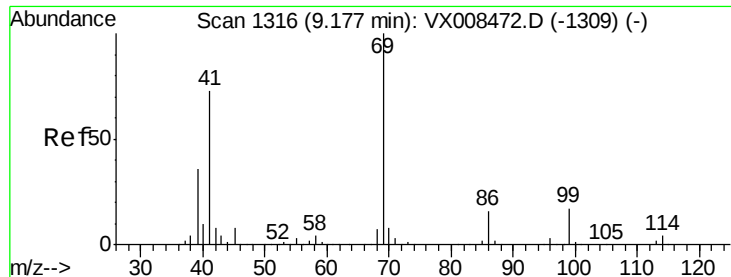
Tgt Ion: 75 Resp: 86817
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4
 39 53.6 38.5 57.7



#50
 1,1,2-Trichloroethane
 Concen: 20.534 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 97 Resp: 51898
 Ion Ratio Lower Upper
 97 100
 83 92.2 72.0 108.0
 85 57.3 45.0 67.6
 99 62.0 54.2 81.4





#51

Ethyl methacrylate

Concen: 20.159 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

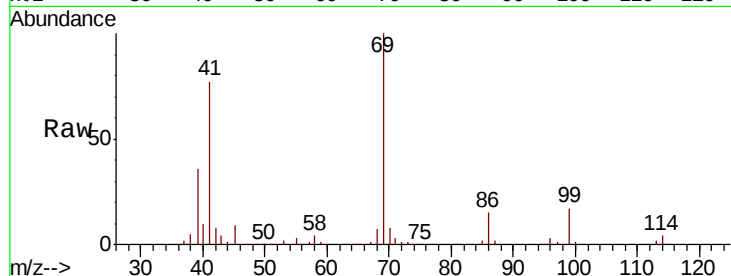
Tgt Ion: 69 Resp: 94815

Ion Ratio Lower Upper

69 100

41 76.4 32.1 96.5

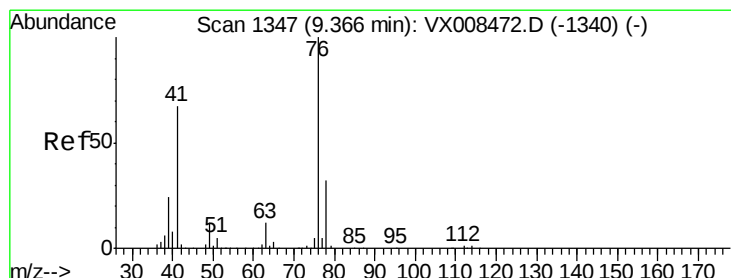
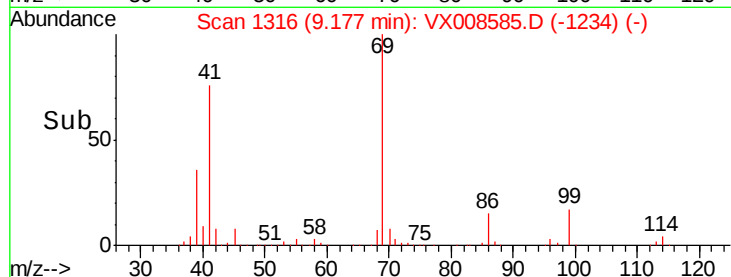
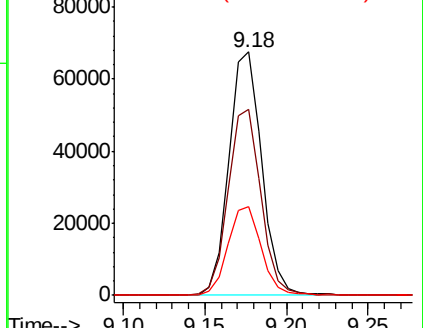
39 36.1 18.8 56.3



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



#52

1,3-Dichloropropane

Concen: 20.825 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.00 min

Lab File: VX008585.D

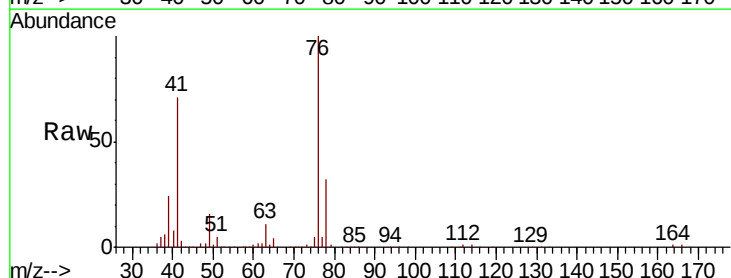
Acq: 02 Apr 2019 10:20

Tgt Ion: 76 Resp: 93640

Ion Ratio Lower Upper

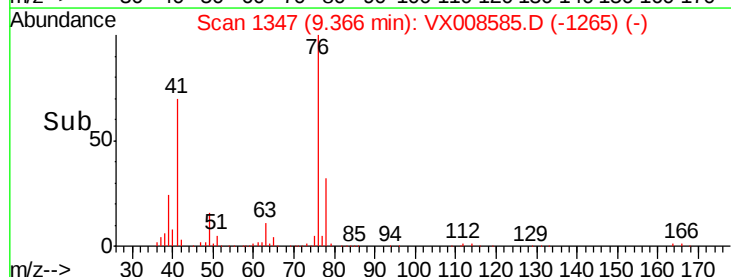
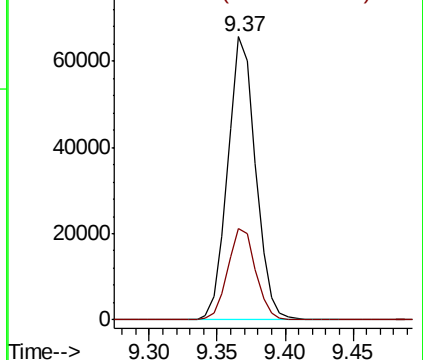
76 100

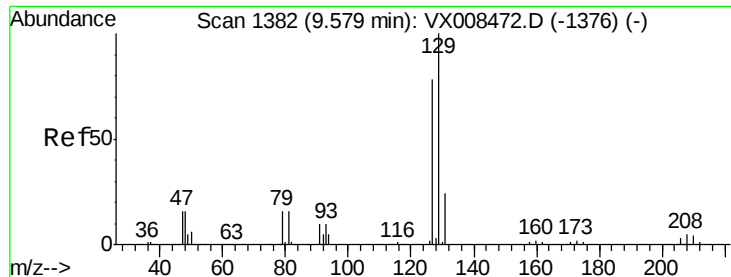
78 32.5 0.0 65.2



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 19.926 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

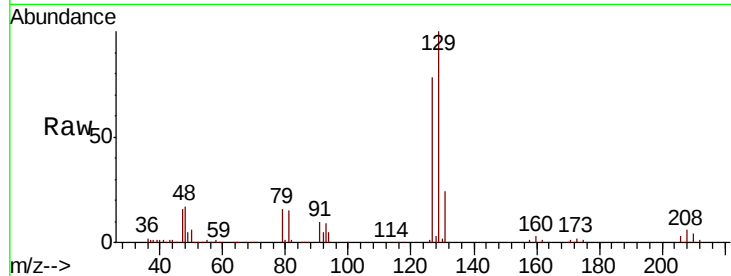
VSTDCCC020

Tgt Ion:129 Resp: 49561

Ion Ratio Lower Upper

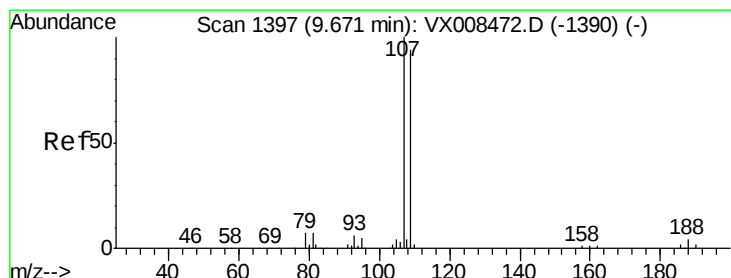
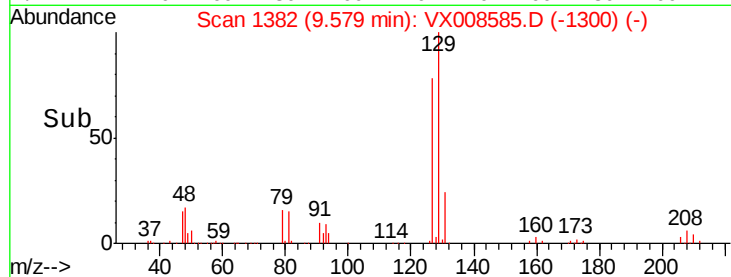
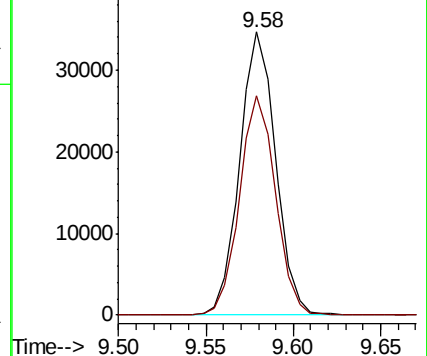
129 100

127 77.9 38.4 115.2



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.504 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008585.D

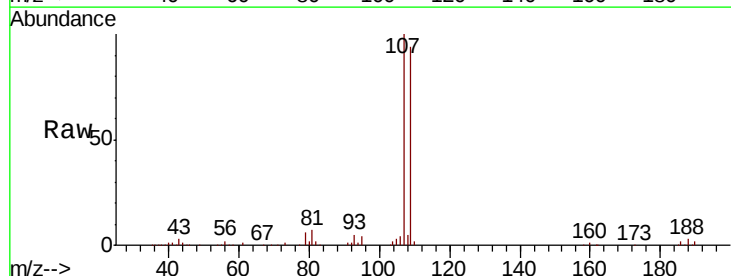
Acq: 02 Apr 2019 10:20

Tgt Ion:107 Resp: 53422

Ion Ratio Lower Upper

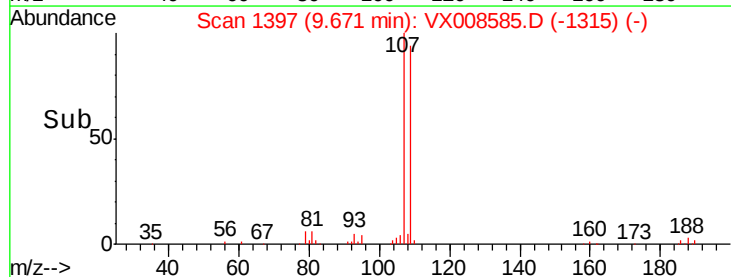
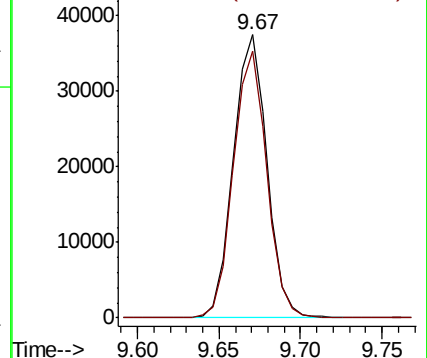
107 100

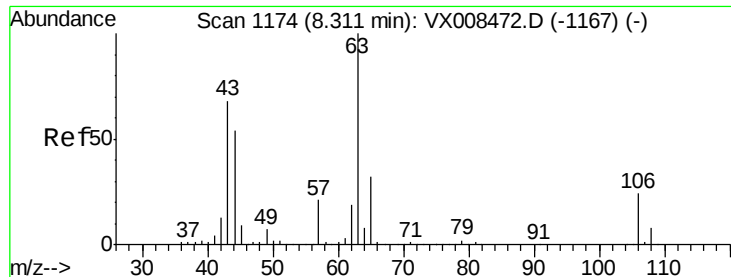
109 94.3 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

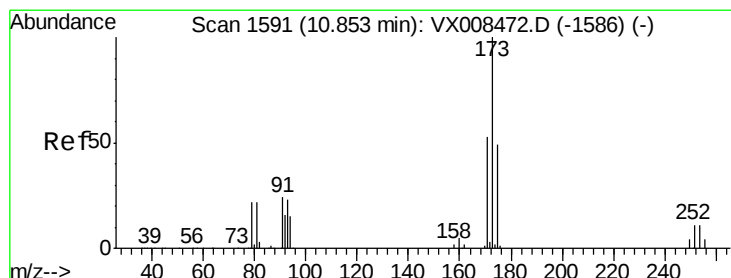
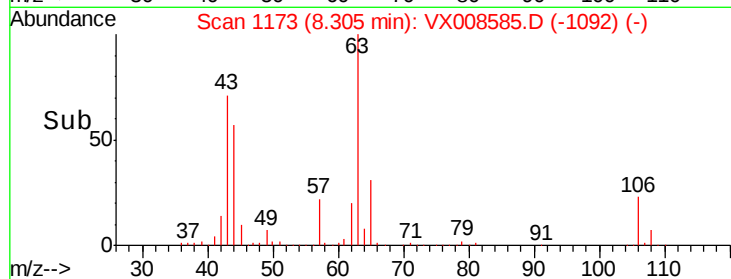
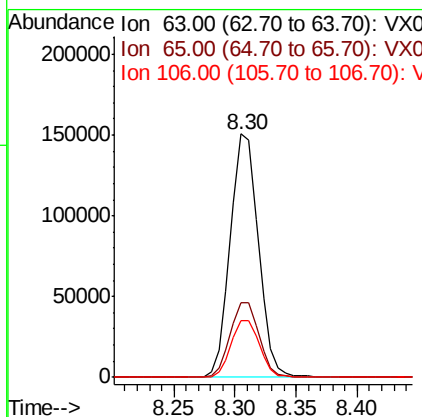
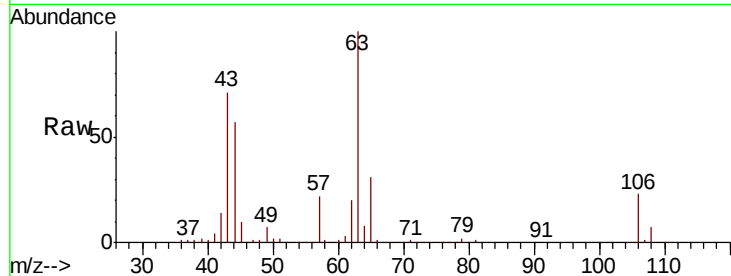




#55
 2-Chloroethyl vinyl ether
 Concen: 101.297 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

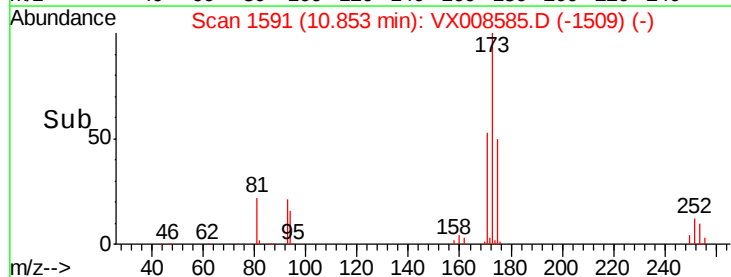
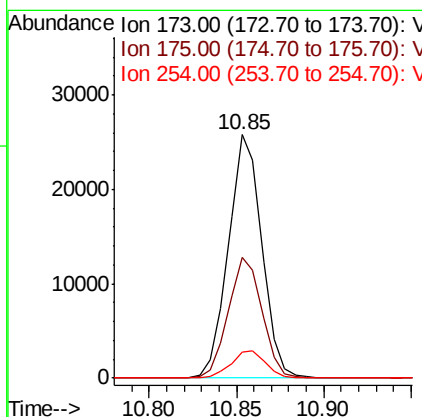
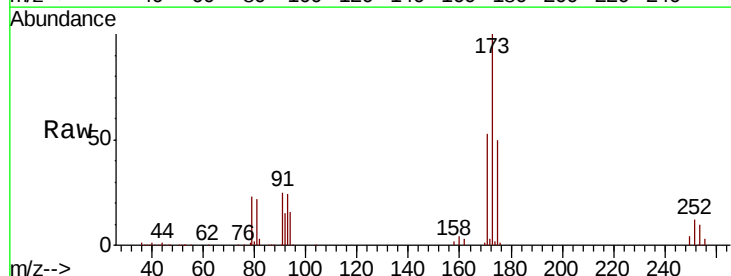
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

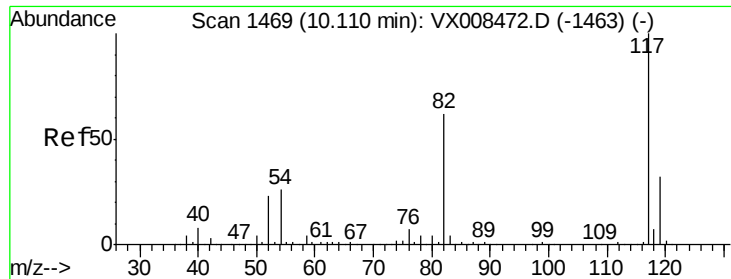
Tgt Ion: 63 Resp: 240361
 Ion Ratio Lower Upper
 63 100
 65 31.6 25.7 38.5
 106 23.6 23.7 35.5#



#56
 Bromoform
 Concen: 18.923 ug/l
 RT: 10.85 min Scan# 1591
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 173 Resp: 34301
 Ion Ratio Lower Upper
 173 100
 175 50.1 38.5 57.7
 254 11.4 7.4 11.2#

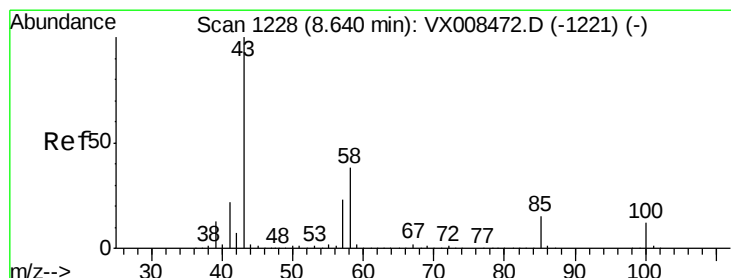
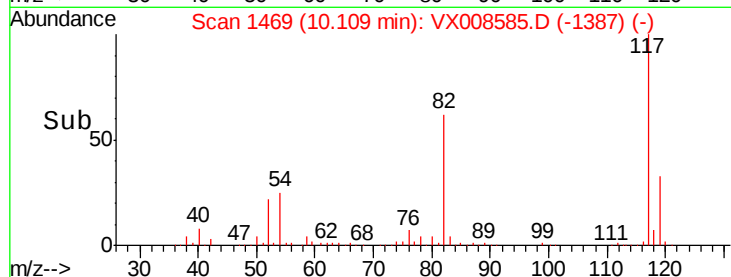
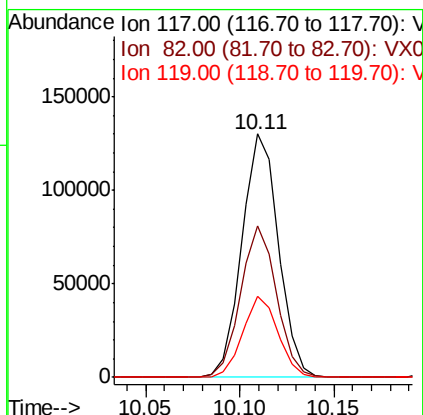
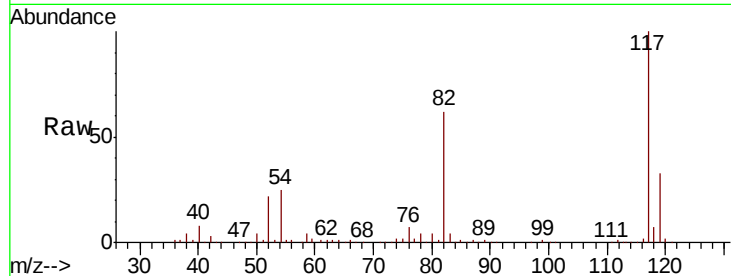




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

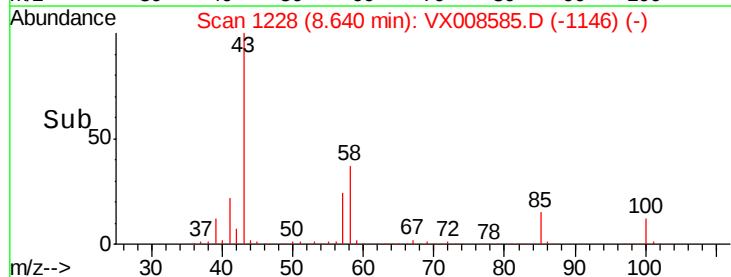
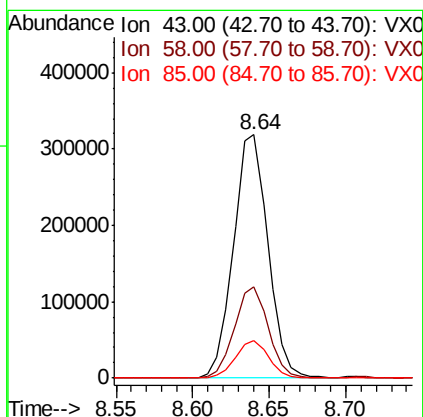
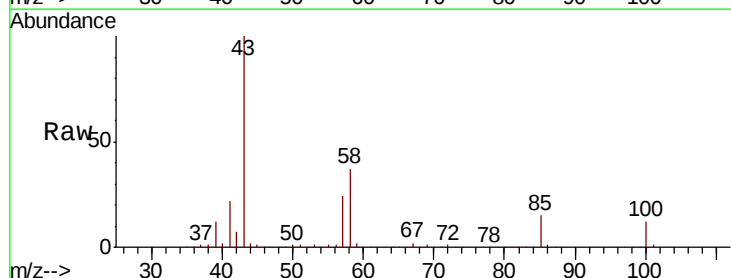
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

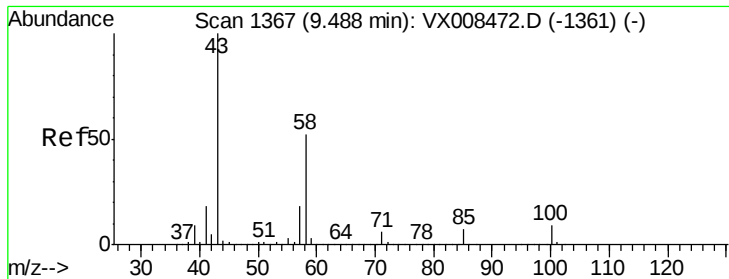
Tgt Ion: 117 Resp: 175582
Ion Ratio Lower Upper
117 100
82 61.1 40.4 60.6#
119 32.2 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 107.588 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 43 Resp: 498363
Ion Ratio Lower Upper
43 100
58 37.0 31.4 47.0
85 15.0 15.0 22.6#

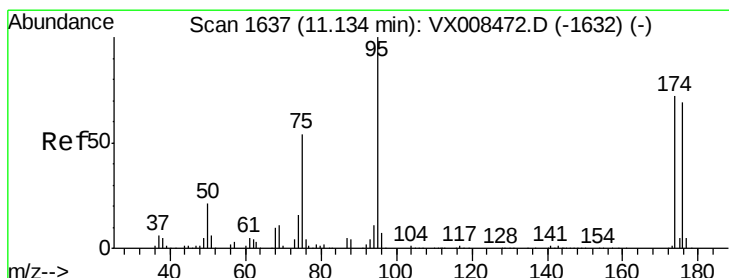
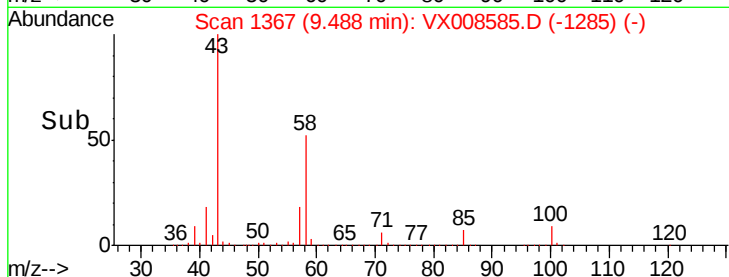
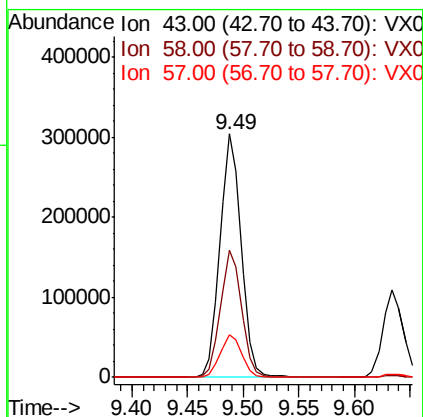
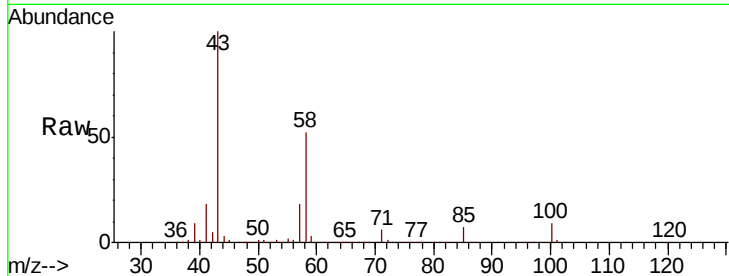




#59
2-Hexanone
Concen: 109.636 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

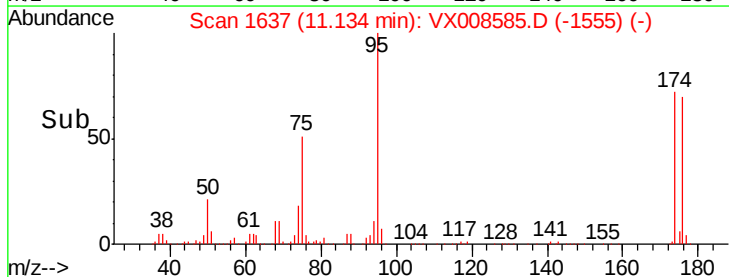
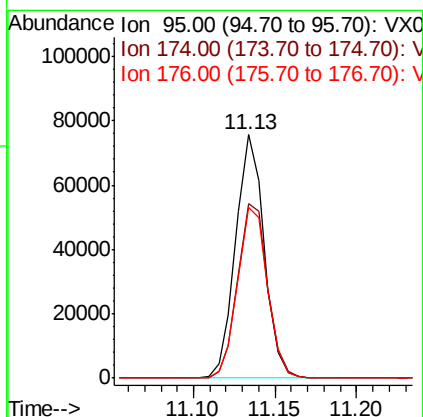
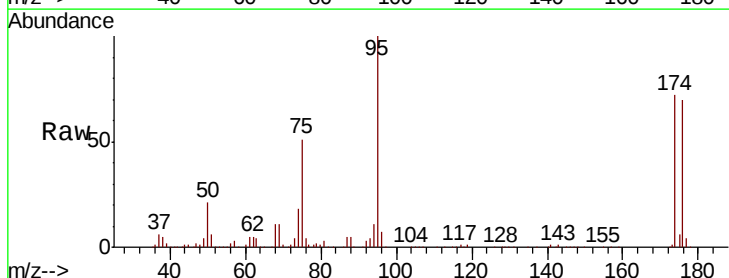
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

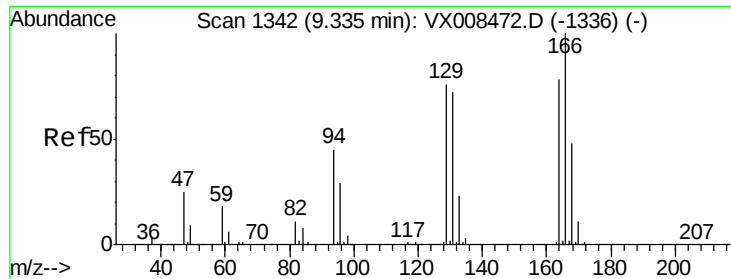
Tgt Ion: 43 Resp: 401226
Ion Ratio Lower Upper
43 100
58 52.1 43.9 65.9
57 17.8 14.9 22.3



#60
4-Bromofluorobenzene
Concen: 30.072 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 95 Resp: 91998
Ion Ratio Lower Upper
95 100
174 75.4 74.9 112.3
176 73.5 70.7 106.1

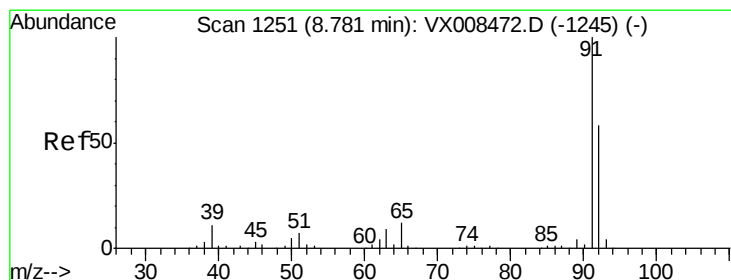
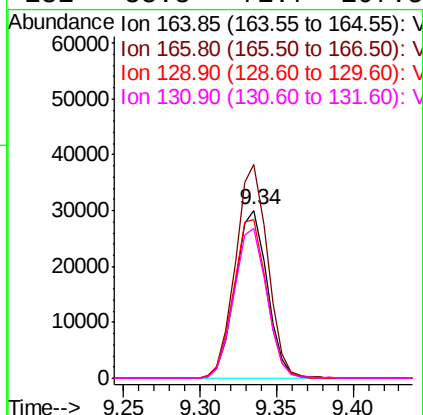
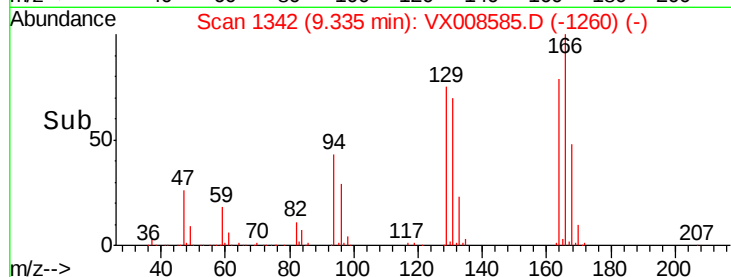
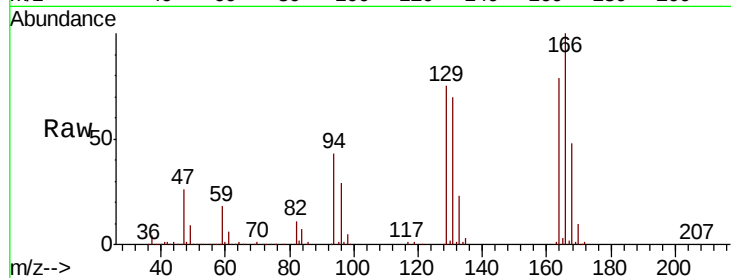




#61
Tetrachloroethene
Concen: 22.872 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

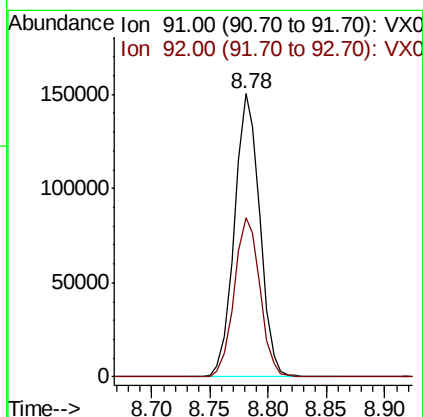
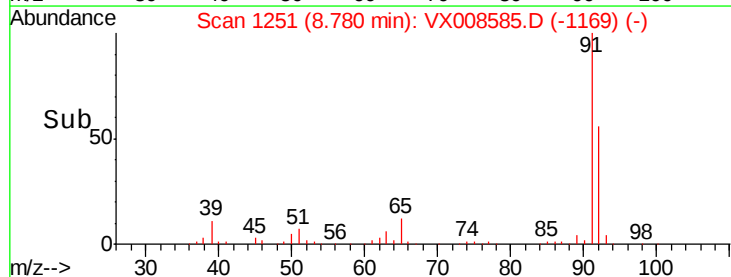
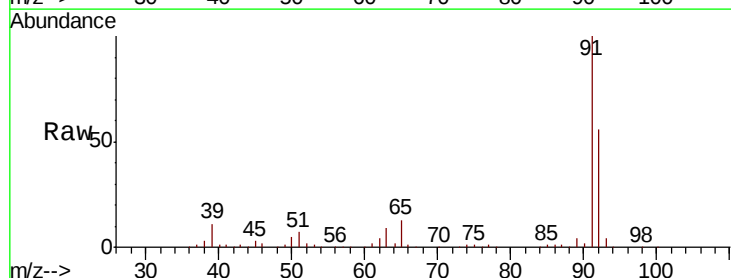
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

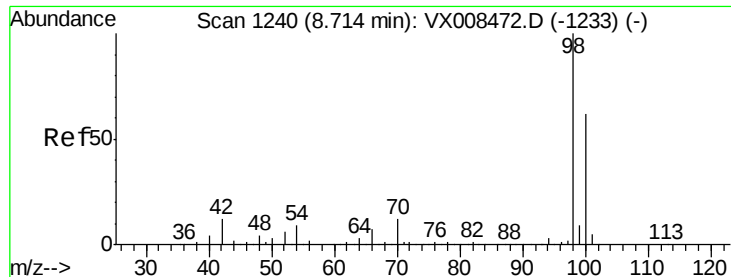
Tgt Ion:164 Resp: 43927
Ion Ratio Lower Upper
164 100
166 126.9 103.9 155.9
129 94.6 74.7 112.1
131 88.8 71.7 107.5



#62
Toluene
Concen: 21.480 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 91 Resp: 228347
Ion Ratio Lower Upper
91 100
92 57.1 46.4 69.6





#63

Toluene-d8

Concen: 31.149 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

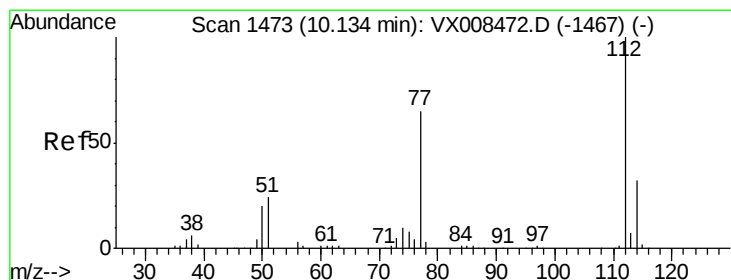
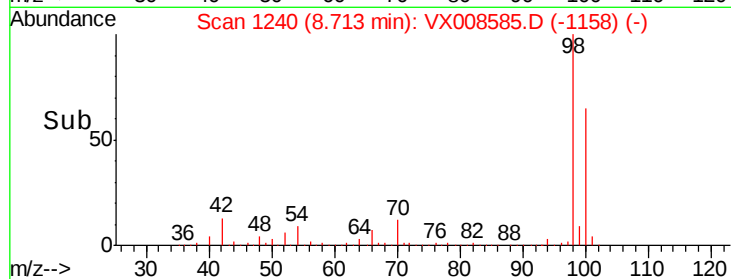
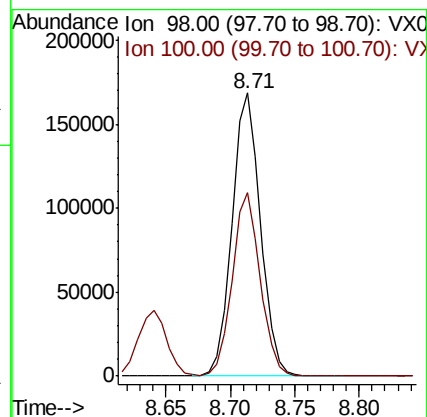
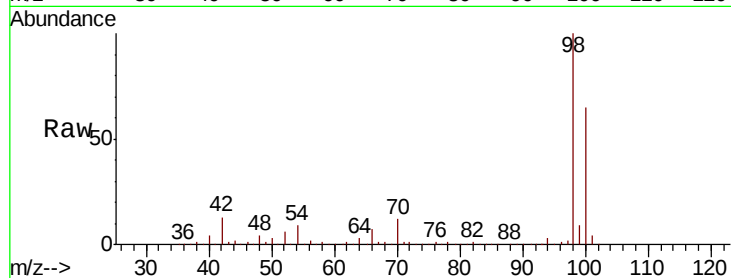
VSTDCCC020

Tgt Ion: 98 Resp: 259613

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#64

Chlorobenzene

Concen: 21.289 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX008585.D

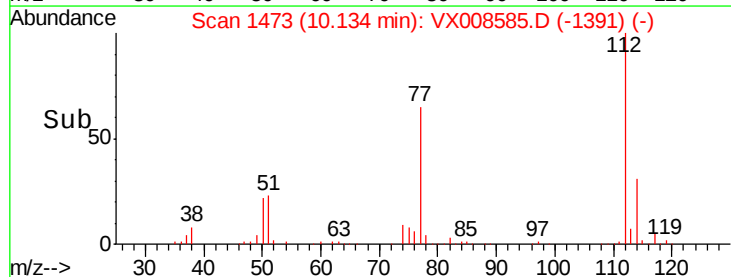
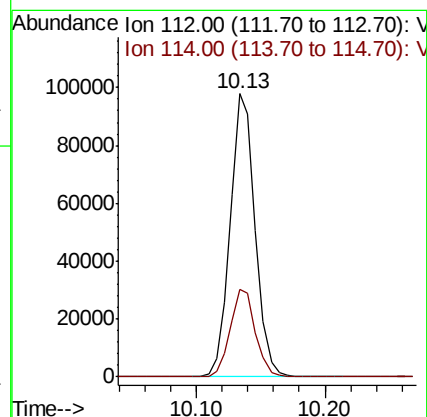
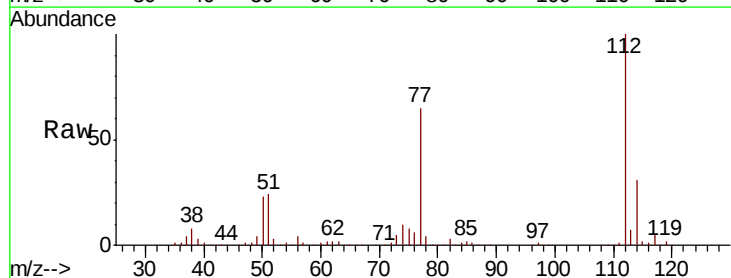
Acq: 02 Apr 2019 10:20

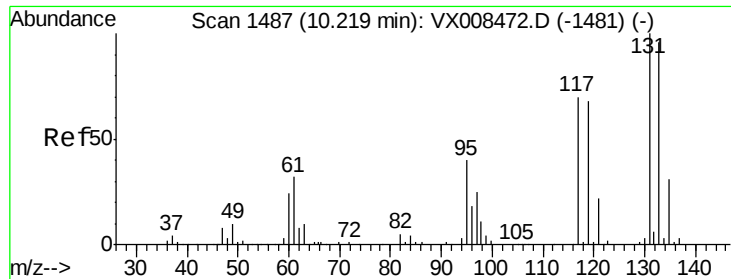
Tgt Ion: 112 Resp: 132609

Ion Ratio Lower Upper

112 100

114 30.9 25.4 38.2

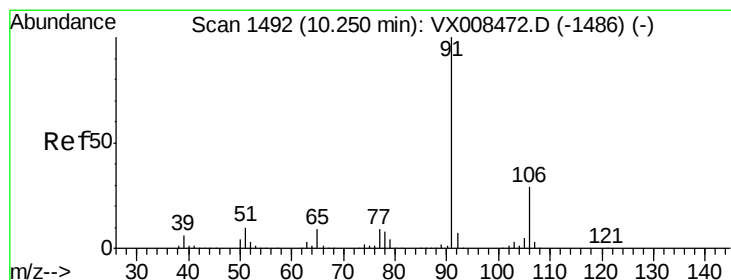
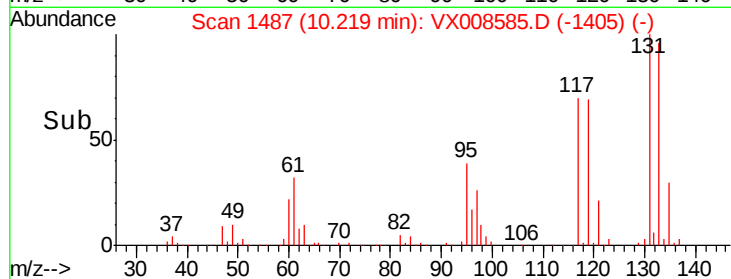
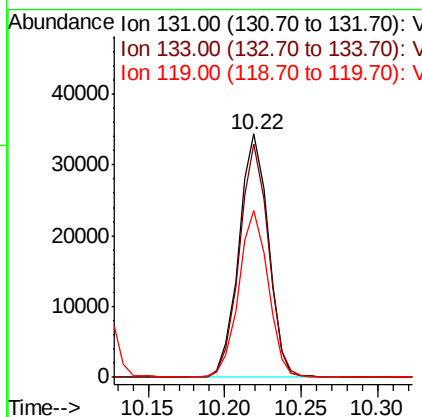
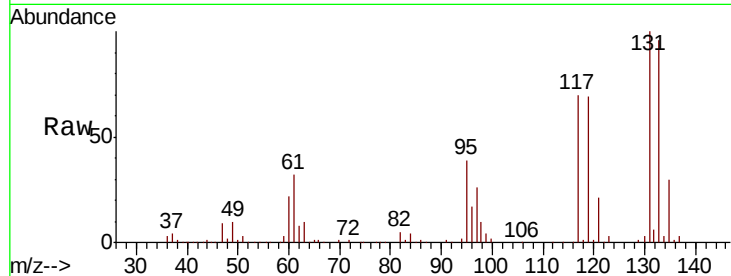




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.054 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

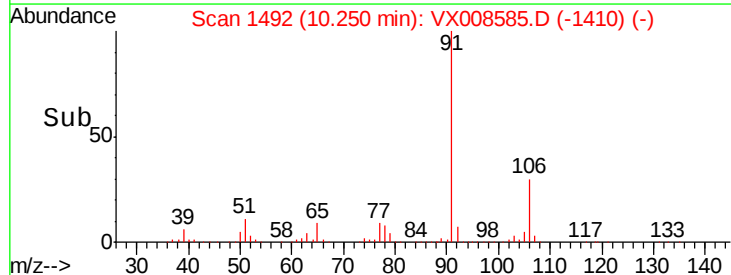
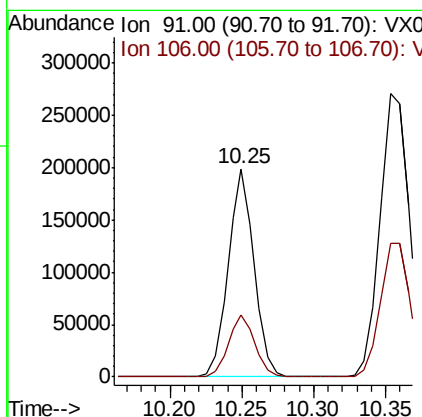
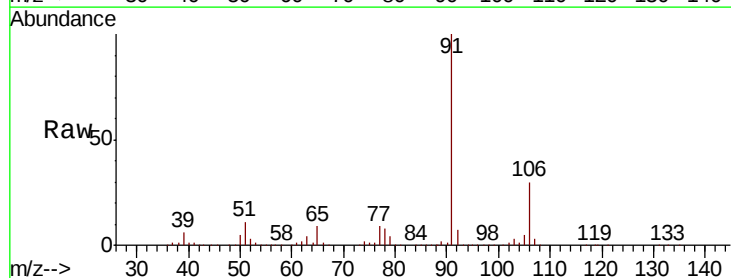
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

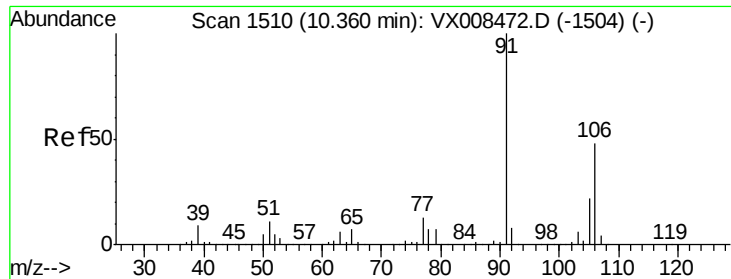
Tgt Ion: 131 Resp: 46239
 Ion Ratio Lower Upper
 131 100
 133 94.4 0.0 191.6
 119 68.2 0.0 127.4



#66
 Ethyl Benzene
 Concen: 21.133 ug/l
 RT: 10.25 min Scan# 1492
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 91 Resp: 249362
 Ion Ratio Lower Upper
 91 100
 106 29.8 26.0 39.0

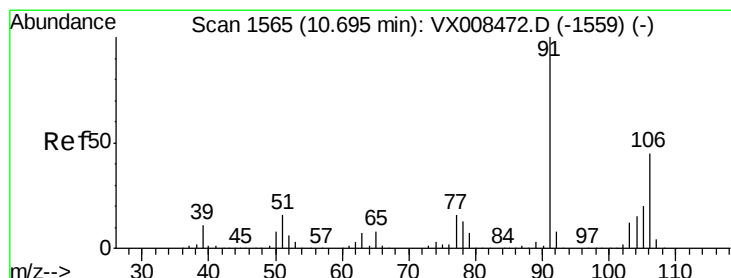
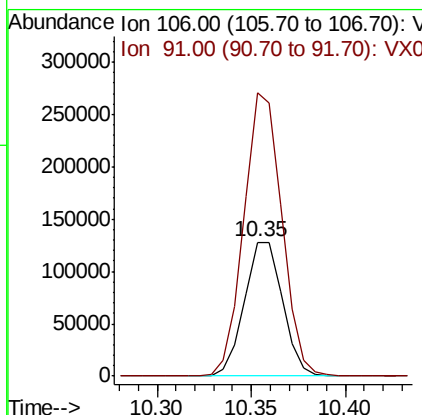
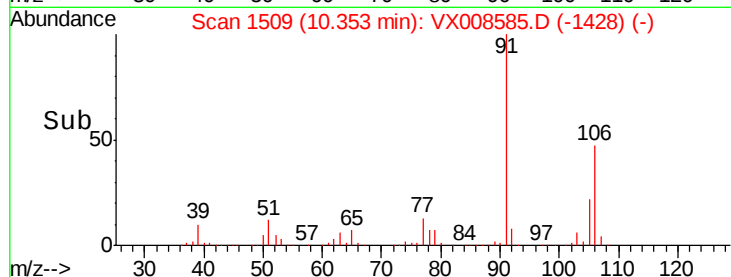
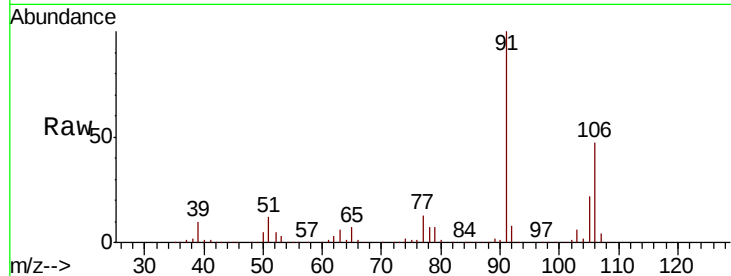




#67
m/p-Xylenes
Concen: 42.094 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

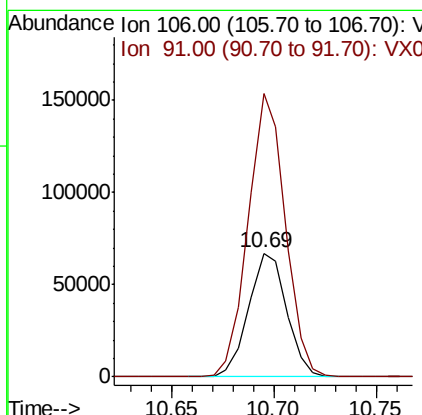
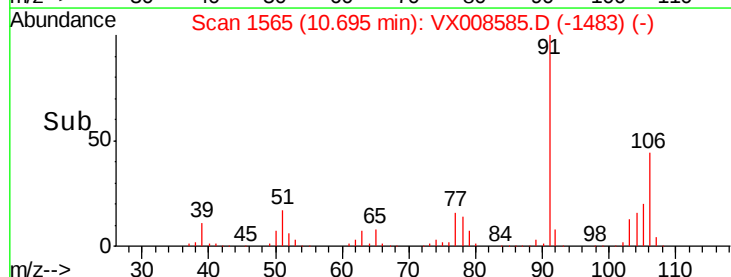
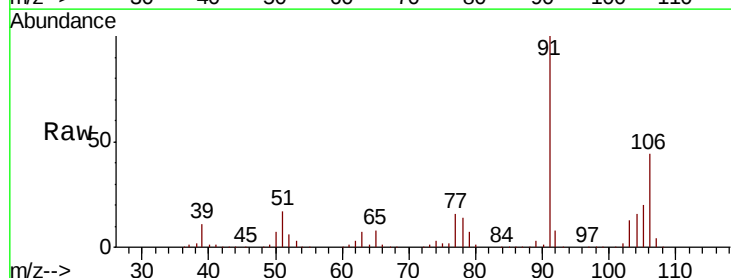
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

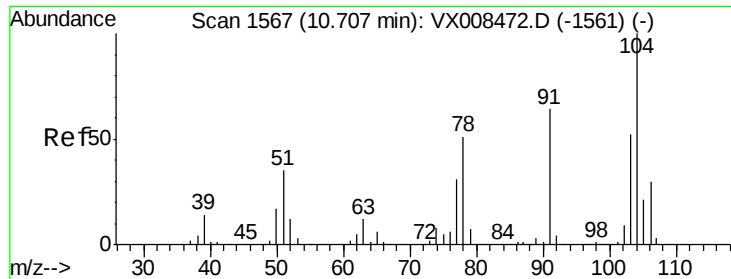
Tgt Ion:106 Resp: 181165
Ion Ratio Lower Upper
106 100
91 209.4 157.0 235.4



#68
o-Xylene
Concen: 20.778 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion:106 Resp: 87508
Ion Ratio Lower Upper
106 100
91 222.9 104.4 313.2





#69

Styrene

Concen: 20.761 ug/l

RT: 10.71 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

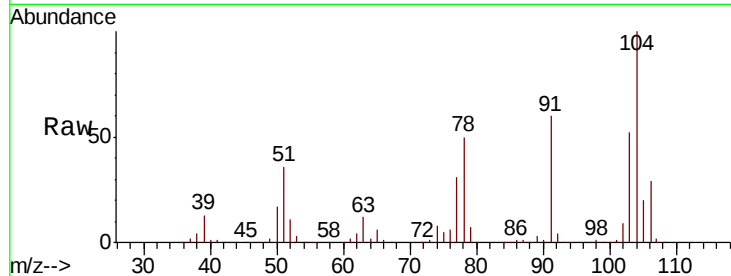
Tgt Ion:104 Resp: 152147

Ion Ratio Lower Upper

104 100

78 53.0 38.2 57.2

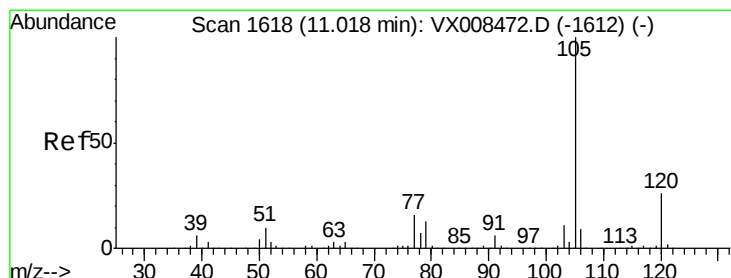
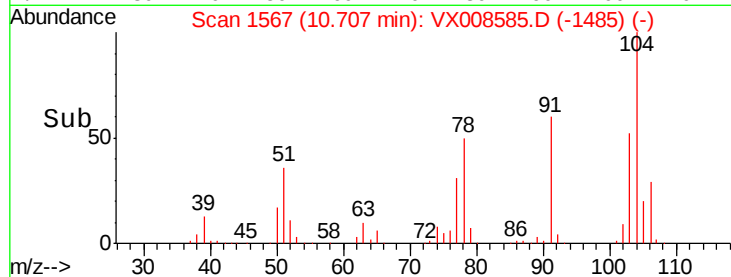
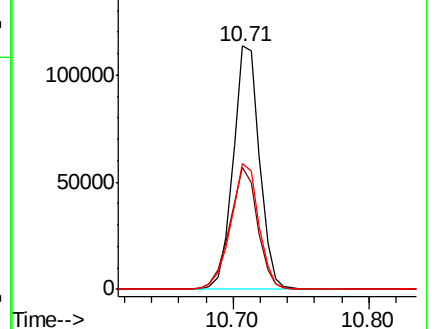
103 54.9 45.0 67.4



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 21.360 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008585.D

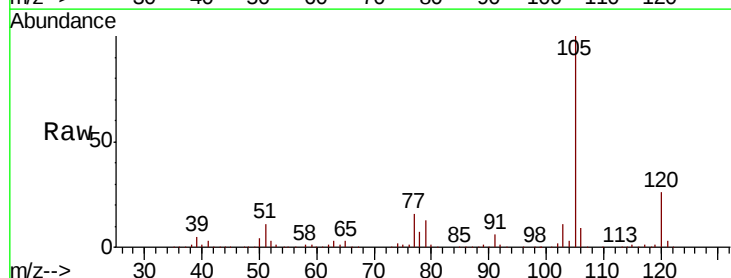
Acq: 02 Apr 2019 10:20

Tgt Ion:105 Resp: 237300

Ion Ratio Lower Upper

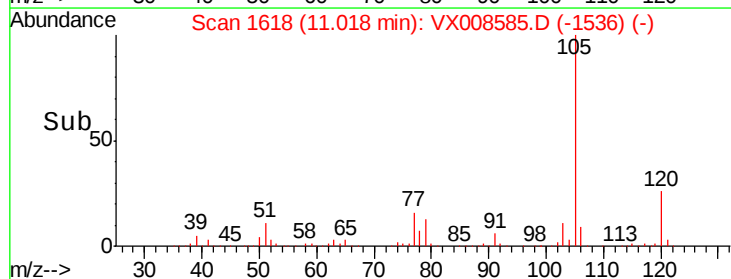
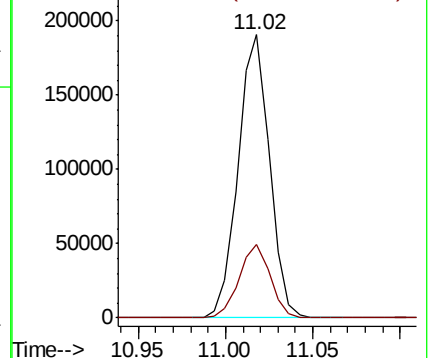
105 100

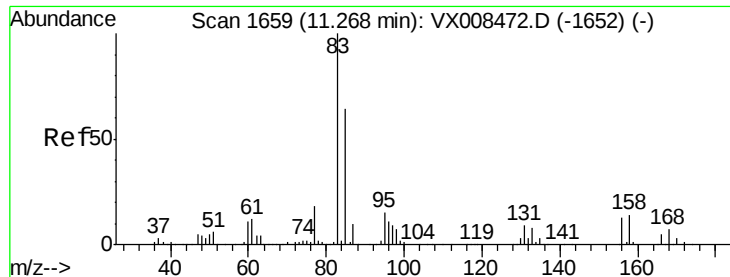
120 25.6 19.8 36.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

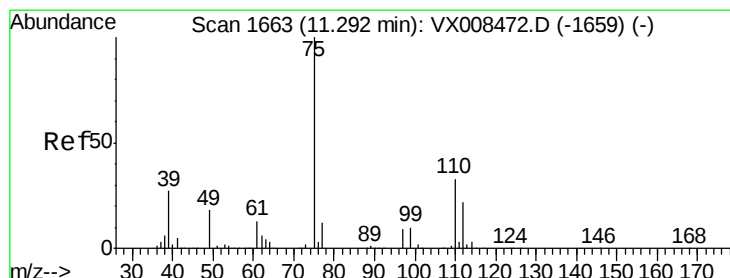
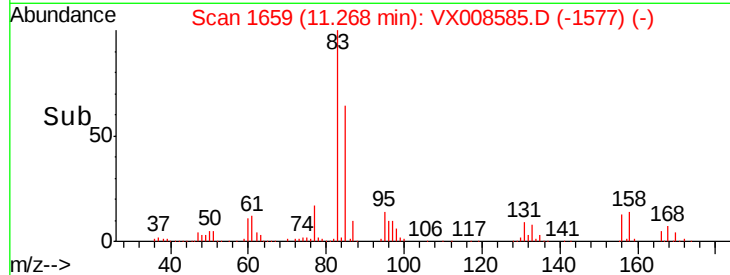
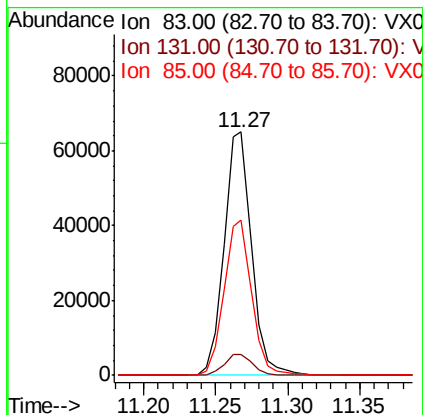
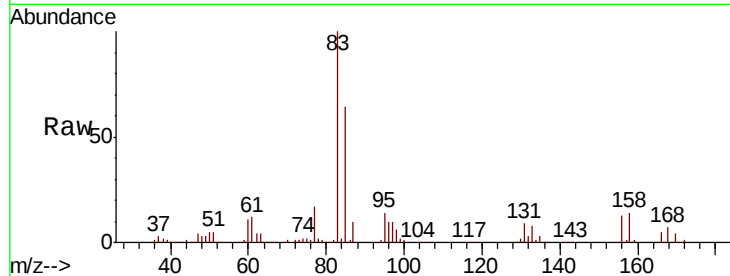




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.130 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

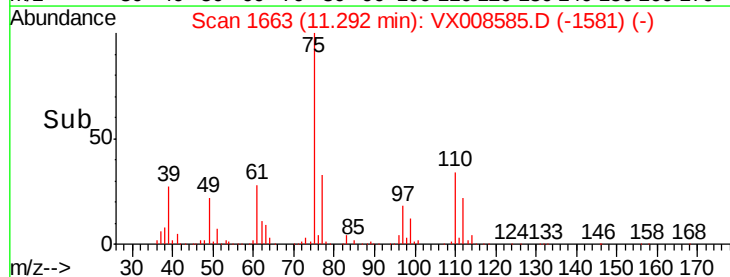
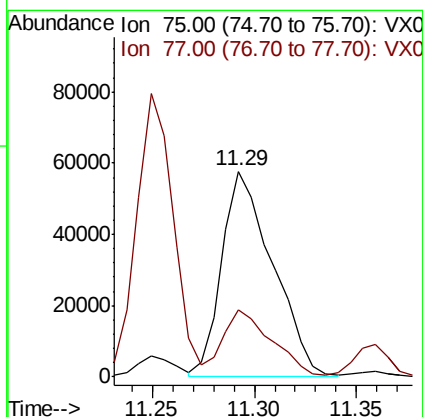
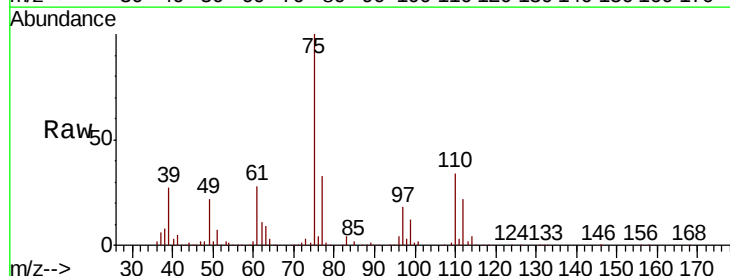
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

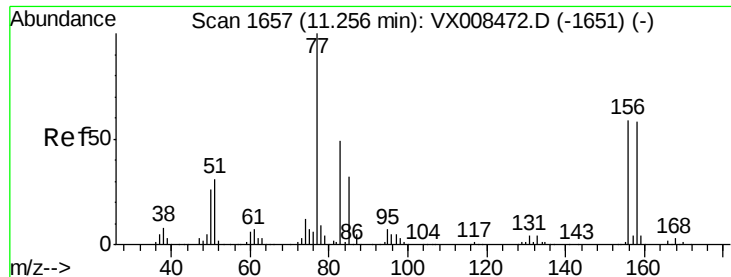
Tgt Ion: 83 Resp: 87693
 Ion Ratio Lower Upper
 83 100
 131 8.9 5.4 16.2
 85 64.2 32.8 98.4



#72
 1,2,3-Trichloropropane
 Concen: 28.459 ug/l
 RT: 11.29 min Scan# 1663
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 75 Resp: 99837
 Ion Ratio Lower Upper
 75 100
 77 31.3 0.0 76.4





#73

Bromobenzene

Concen: 20.764 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

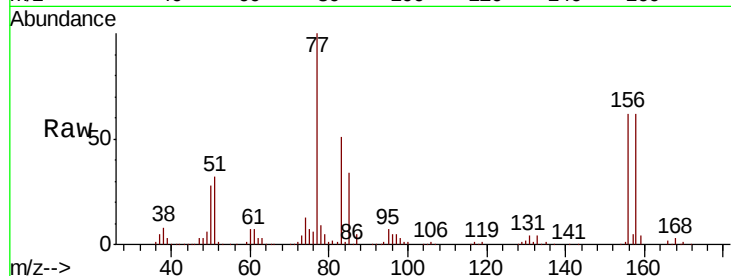
Tgt Ion:156 Resp: 54882

Ion Ratio Lower Upper

156 100

77 181.3 0.0 271.4

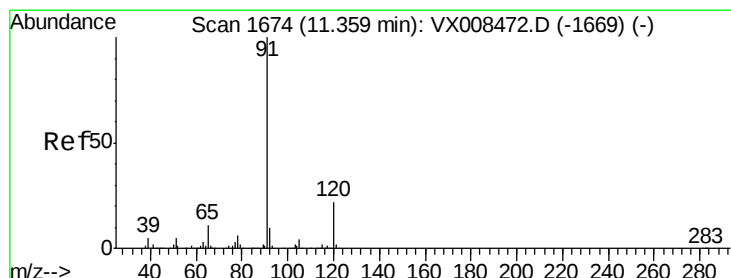
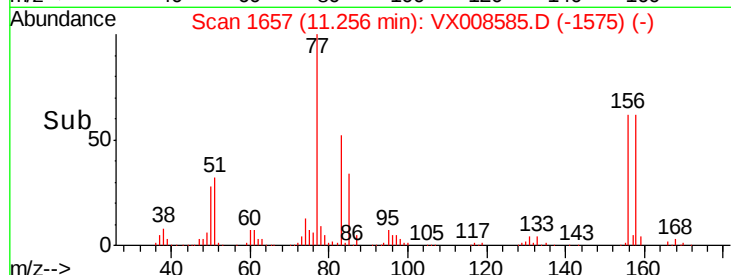
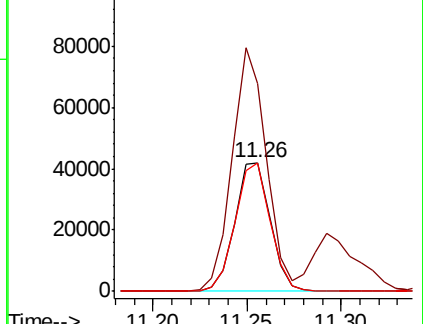
158 98.5 0.0 194.0



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 20.977 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008585.D

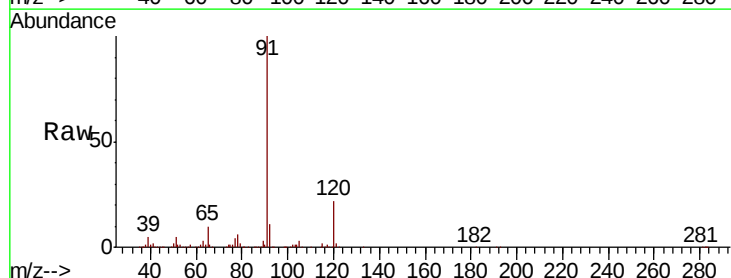
Acq: 02 Apr 2019 10:20

Tgt Ion: 91 Resp: 277632

Ion Ratio Lower Upper

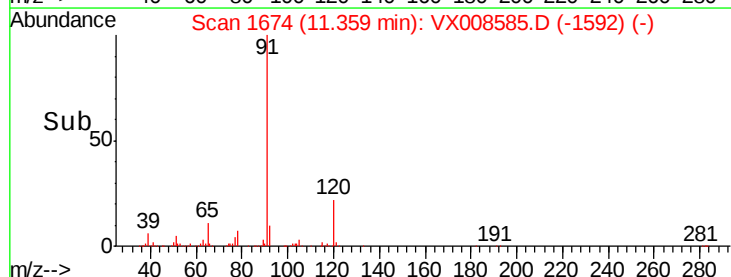
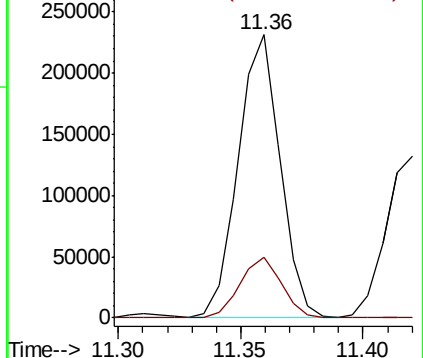
91 100

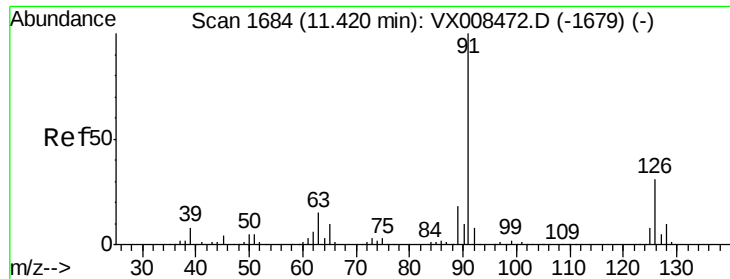
120 21.2 0.0 48.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 21.139 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

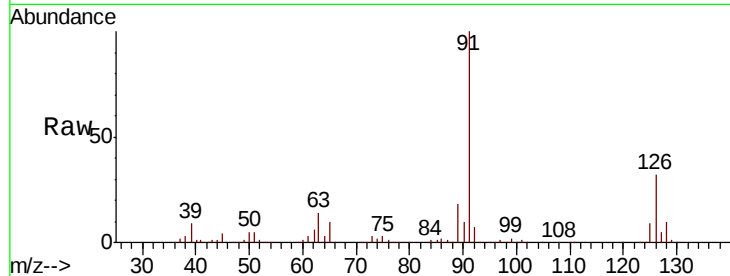
VSTDCCC020

Tgt Ion: 91 Resp: 166449

Ion Ratio Lower Upper

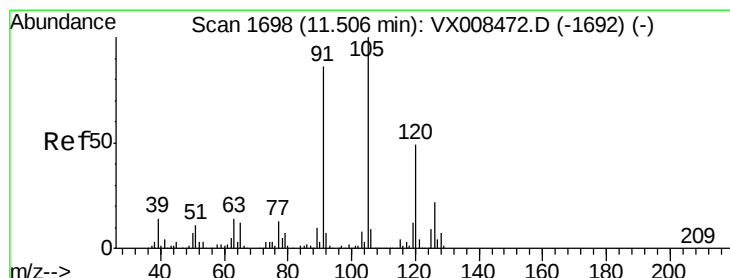
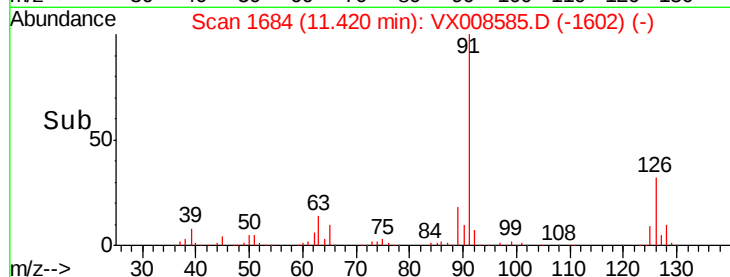
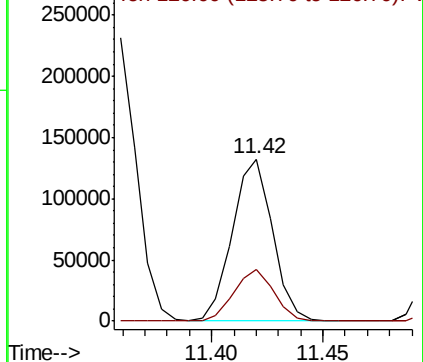
91 100

126 31.5 0.0 75.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 126.00 (125.70 to 126.70): V



#76

1,3,5-Trimethylbenzene

Concen: 21.025 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008585.D

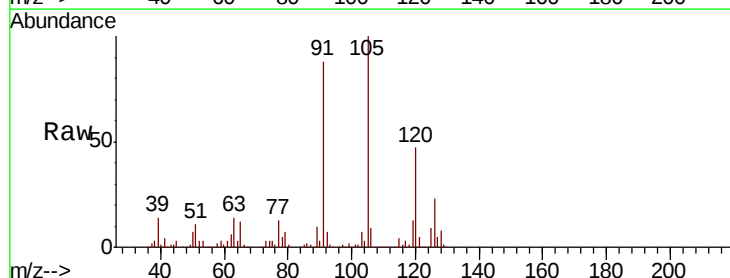
Acq: 02 Apr 2019 10:20

Tgt Ion: 105 Resp: 199700

Ion Ratio Lower Upper

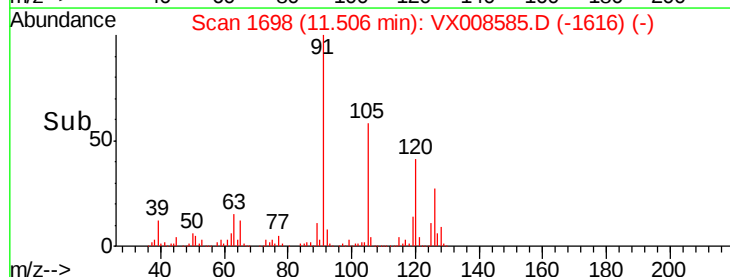
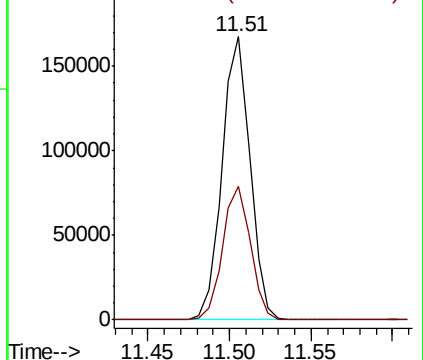
105 100

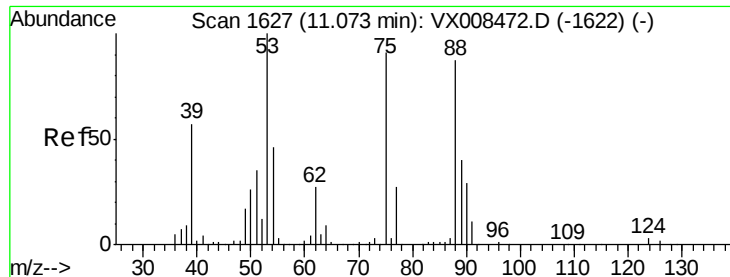
120 47.2 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#77

t-1,4-Dichloro-2-butene

Concen: 19.814 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC020

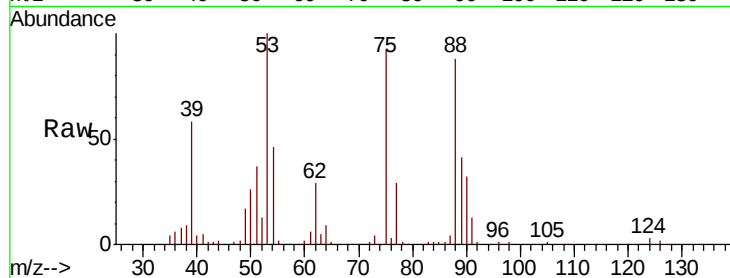
Tgt Ion: 75 Resp: 26662

Ion Ratio Lower Upper

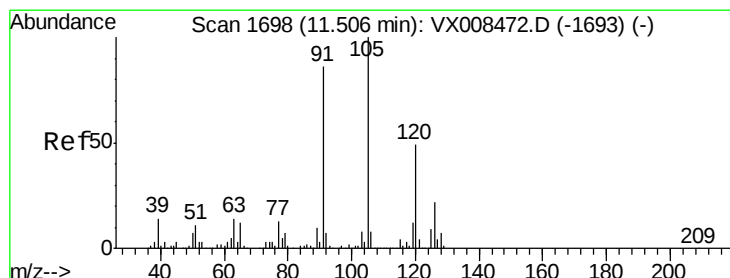
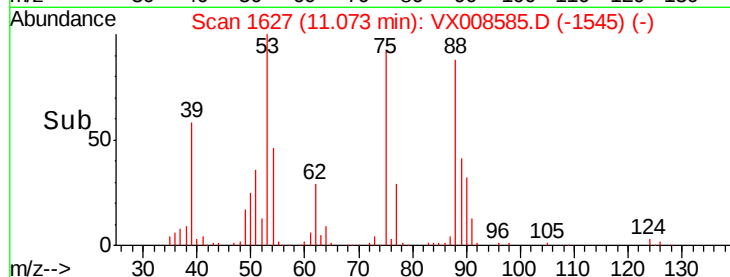
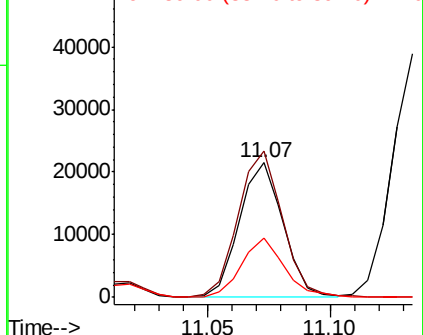
75 100

53 108.2 55.5 166.7

89 44.2 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0



#78

4-Chlorotoluene

Concen: 20.780 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008585.D

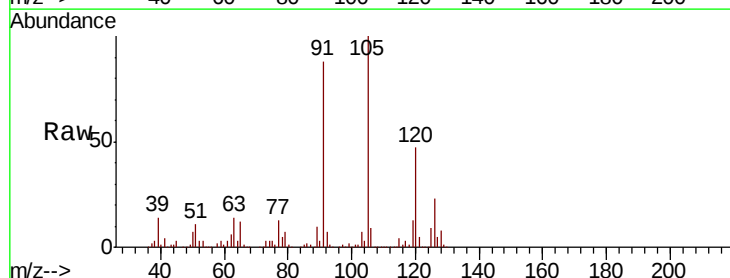
Acq: 02 Apr 2019 10:20

Tgt Ion: 91 Resp: 188311

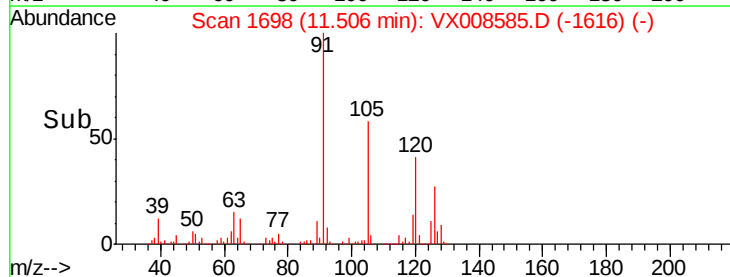
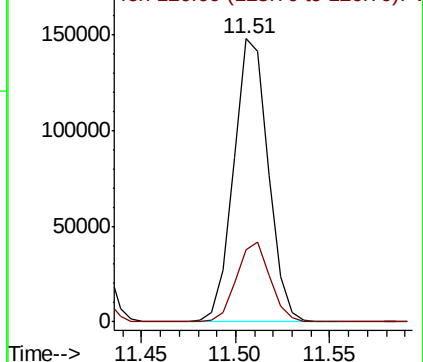
Ion Ratio Lower Upper

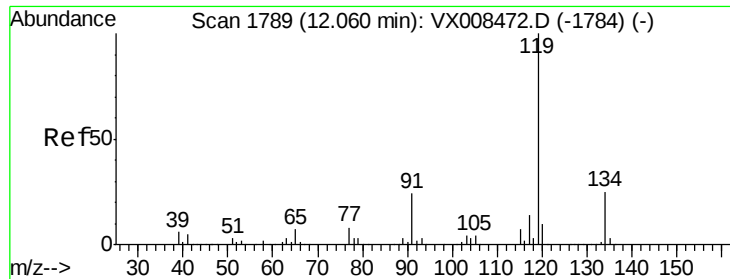
91 100

126 27.3 0.0 66.2



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 126.00 (125.70 to 126.70): V





#79

tert-butylbenzene

Concen: 20.999 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008585.D

Acq: 02 Apr 2019 10:20

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

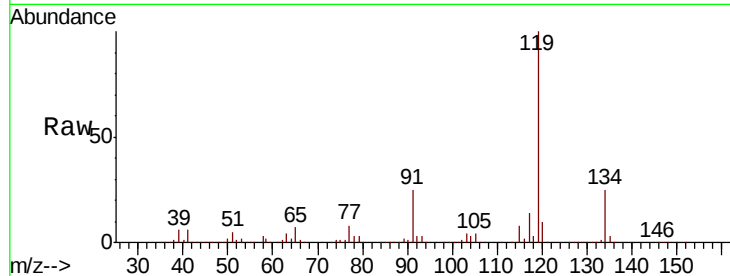
Tgt Ion:119 Resp: 203830

Ion Ratio Lower Upper

119 100

91 24.5 0.0 45.0

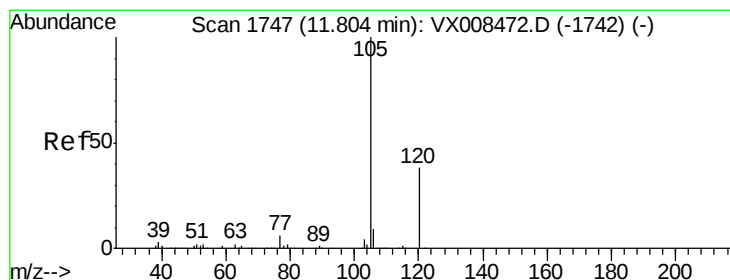
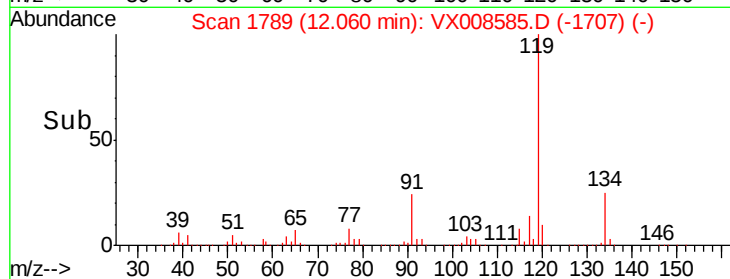
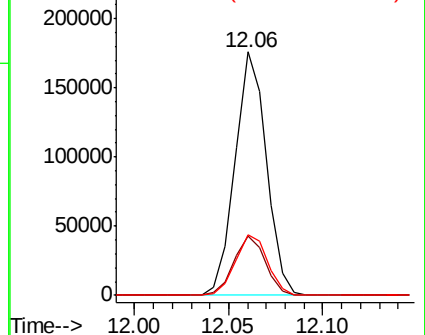
134 25.5 0.0 55.4



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#80

1,2,4-Trimethylbenzene

Concen: 20.950 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX008585.D

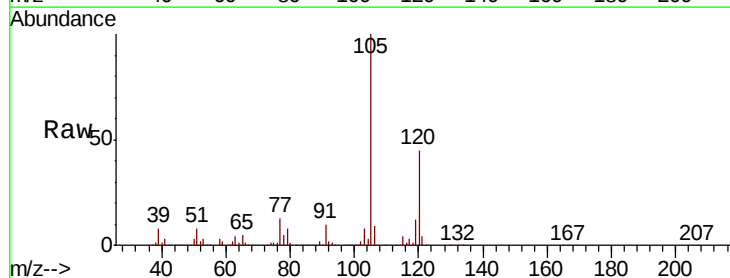
Acq: 02 Apr 2019 10:20

Tgt Ion:105 Resp: 198408

Ion Ratio Lower Upper

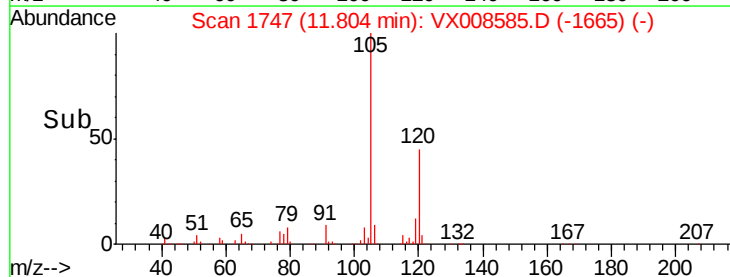
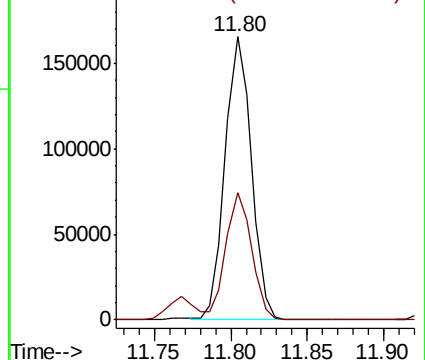
105 100

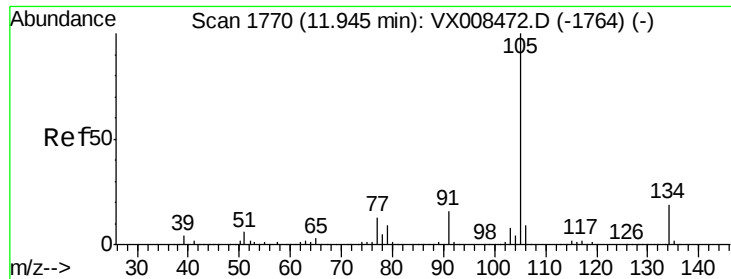
120 43.5 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

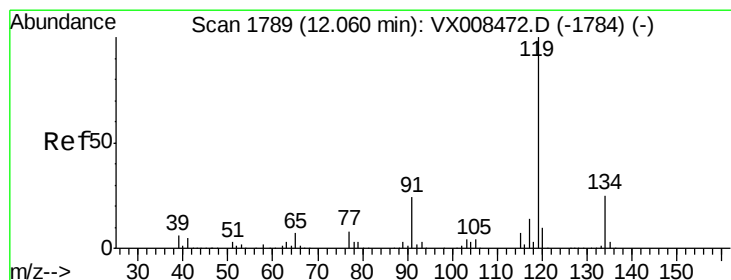
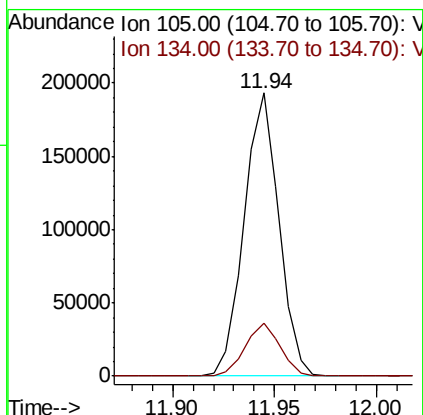
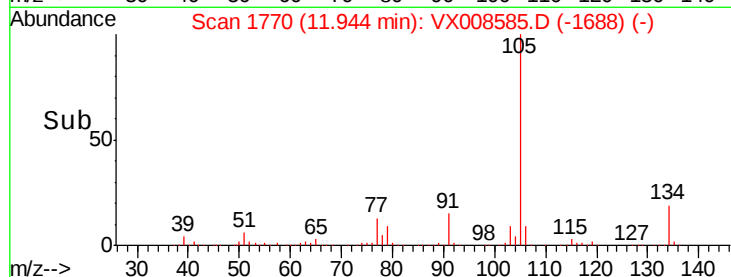
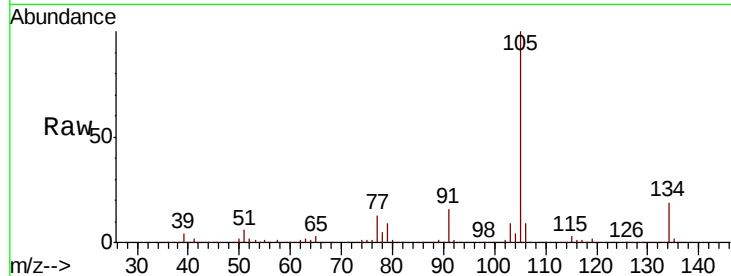




#81
 sec-Butylbenzene
 Concen: 21.072 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

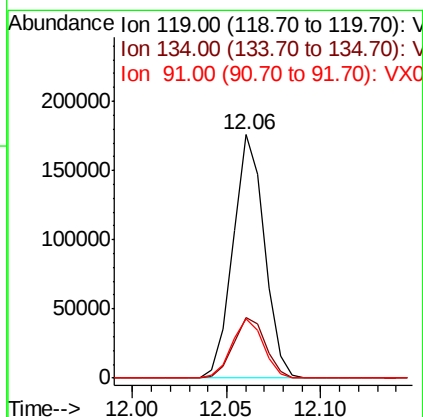
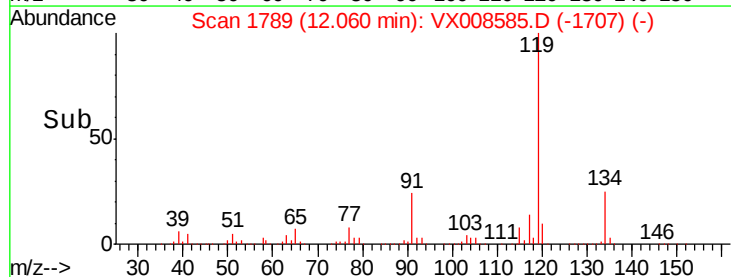
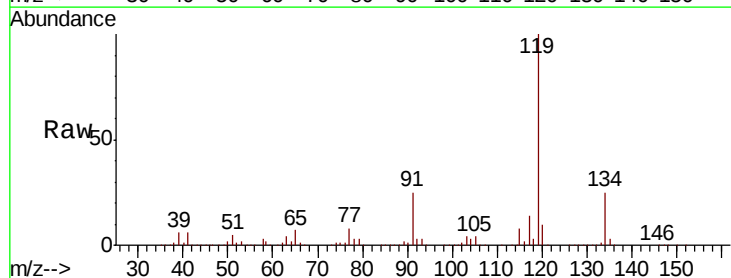
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

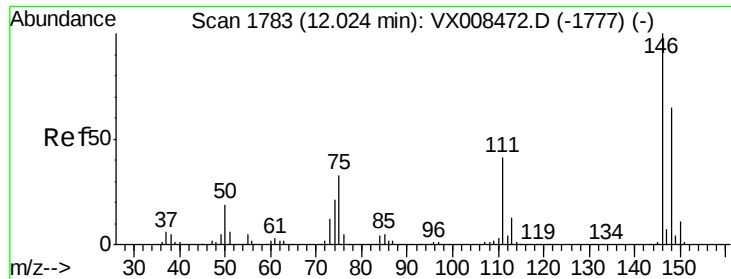
Tgt Ion:105 Resp: 228672
 Ion Ratio Lower Upper
 105 100
 134 18.7 0.0 41.8



#82
 p-Isopropyltoluene
 Concen: 20.999 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion:119 Resp: 203830
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 55.4
 91 24.5 0.0 45.0

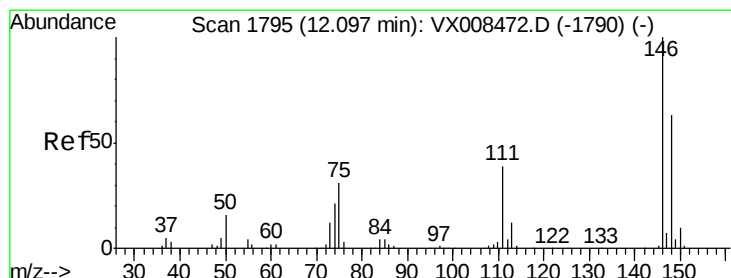
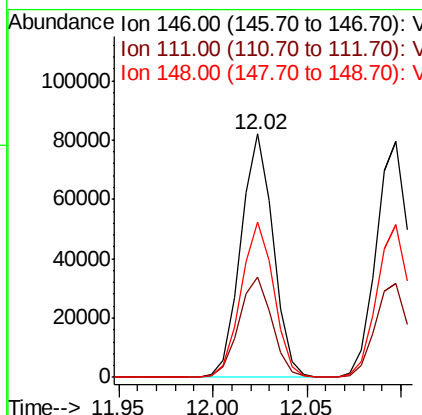
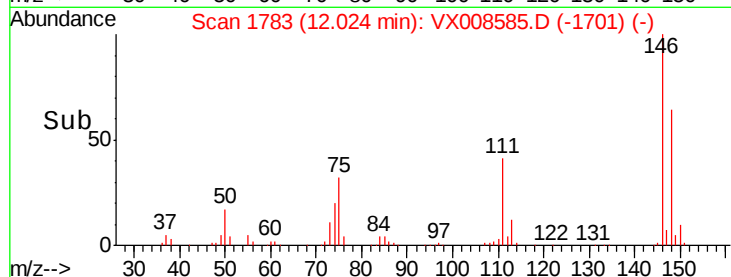
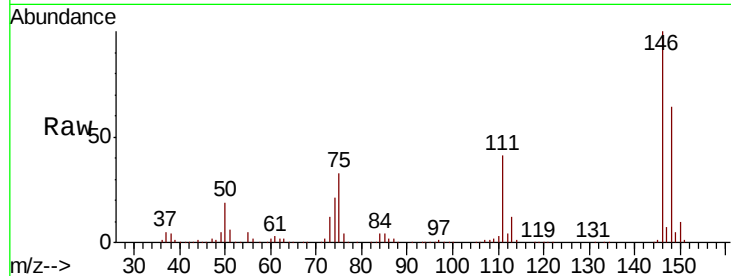




#83
 1,3-Dichlorobenzene
 Concen: 20.883 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

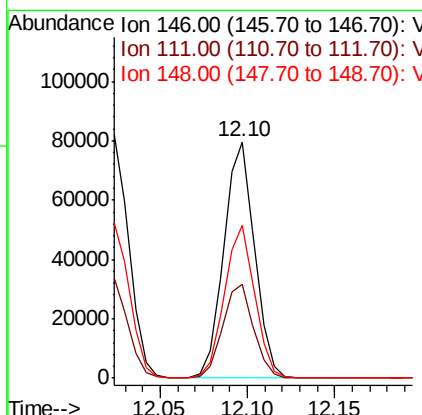
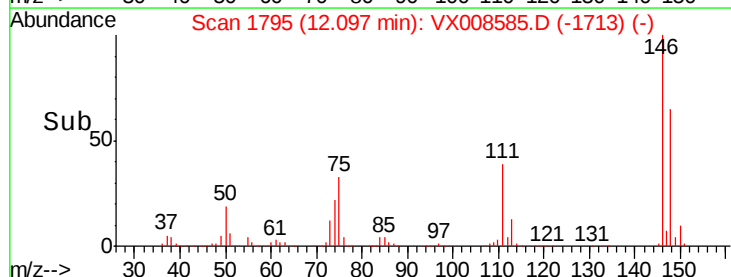
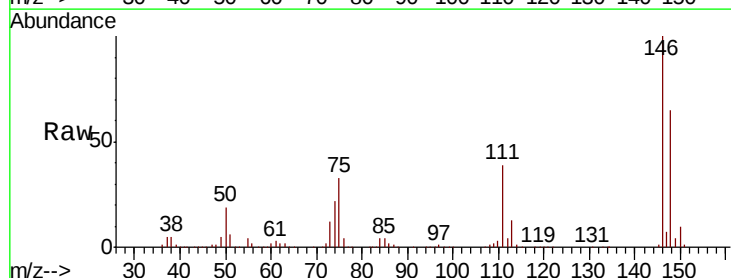
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

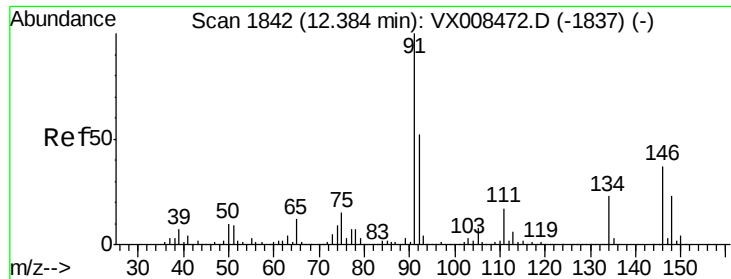
Tgt Ion:146 Resp: 97993
 Ion Ratio Lower Upper
 146 100
 111 42.2 18.8 56.3
 148 64.5 30.6 91.8



#84
 1,4-Dichlorobenzene
 Concen: 20.749 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion:146 Resp: 97298
 Ion Ratio Lower Upper
 146 100
 111 40.0 17.6 52.8
 148 63.8 31.4 94.2

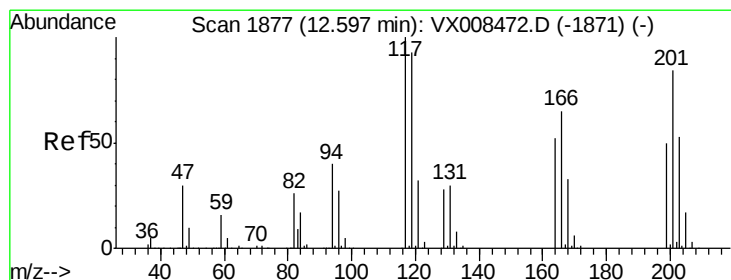
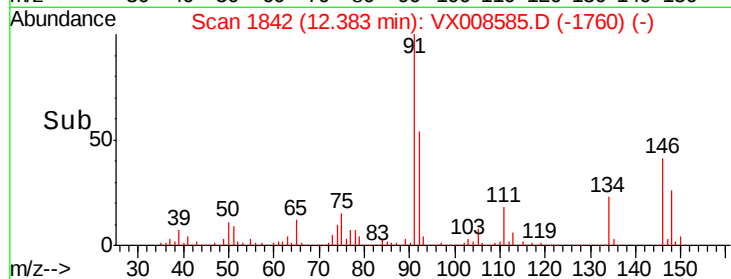
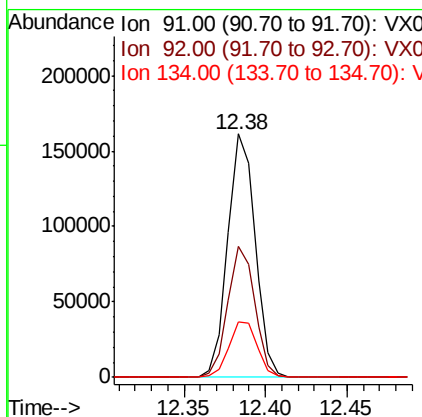
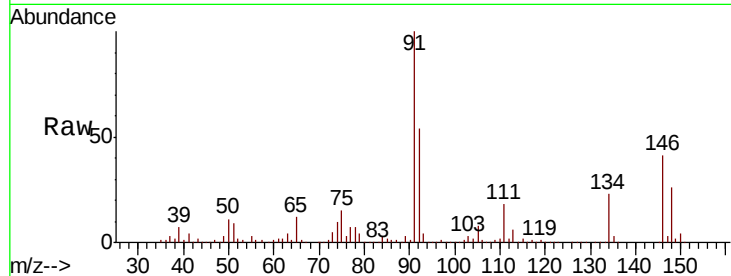




#85
n-Butylbenzene
Concen: 20.513 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

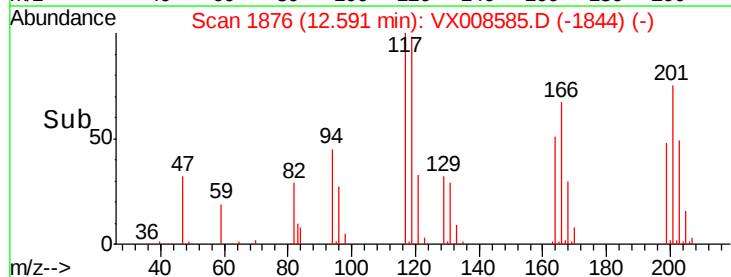
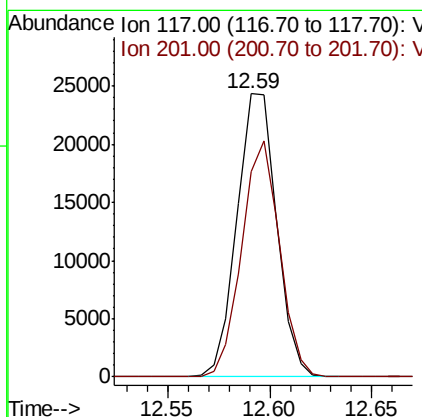
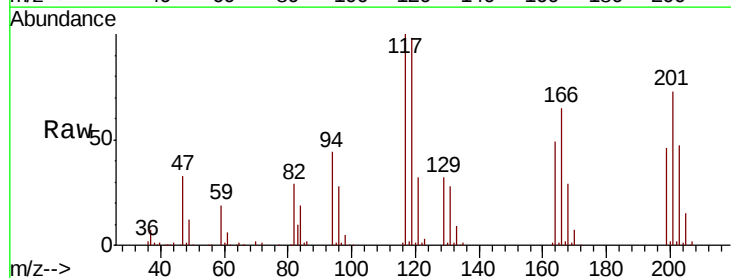
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

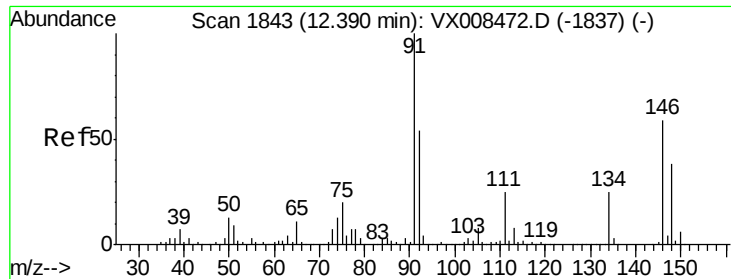
Tgt Ion: 91 Resp: 189185
Ion Ratio Lower Upper
91 100
92 53.2 0.0 105.2
134 23.7 0.0 56.4



#86
Hexachloroethane
Concen: 20.312 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion: 117 Resp: 32942
Ion Ratio Lower Upper
117 100
201 79.5 41.1 123.3

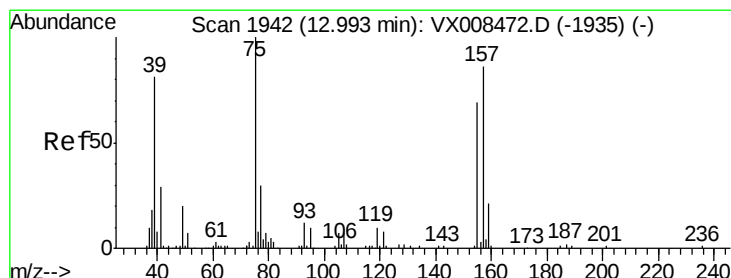
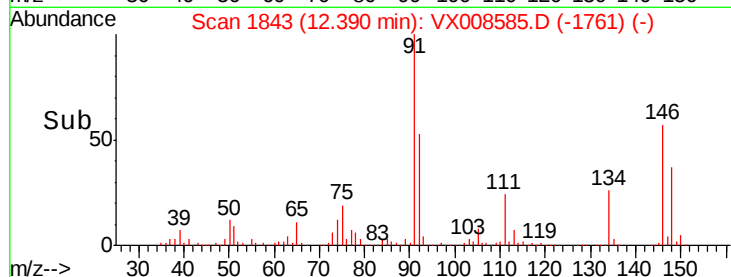
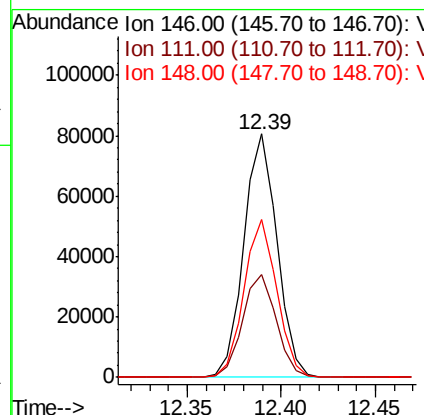
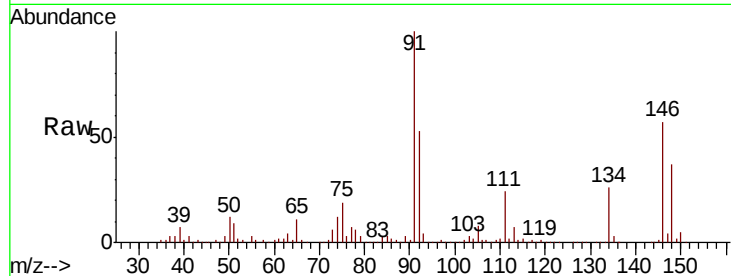




#87
 1,2-Dichlorobenzene
 Concen: 20.807 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

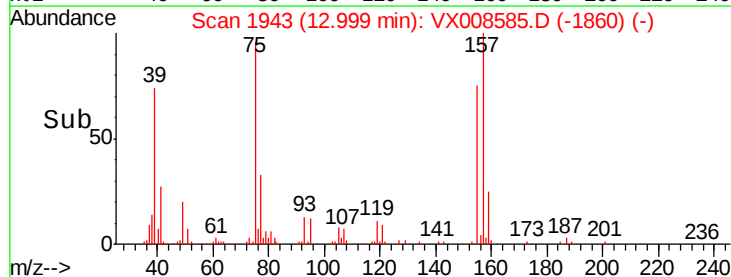
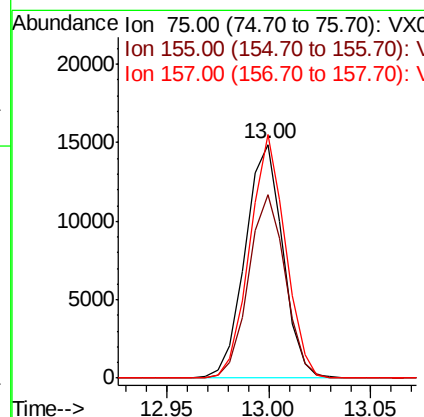
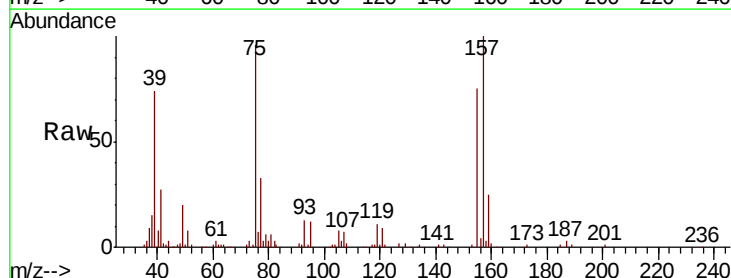
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

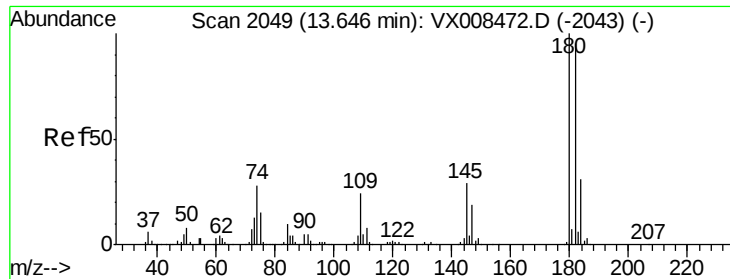
Tgt Ion: 146 Resp: 98378
 Ion Ratio Lower Upper
 146 100
 111 43.0 19.3 57.8
 148 64.1 32.1 96.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.692 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.01 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion: 75 Resp: 19034
 Ion Ratio Lower Upper
 75 100
 155 77.0 81.0 121.6#
 157 99.0 103.2 154.8#

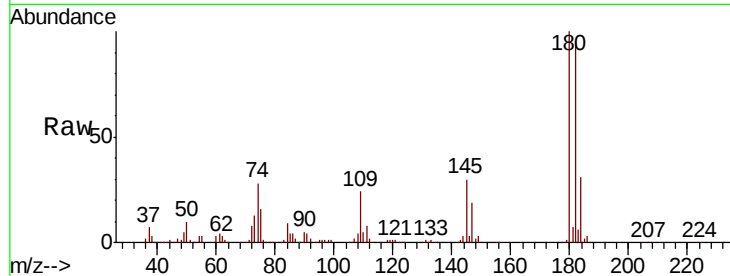




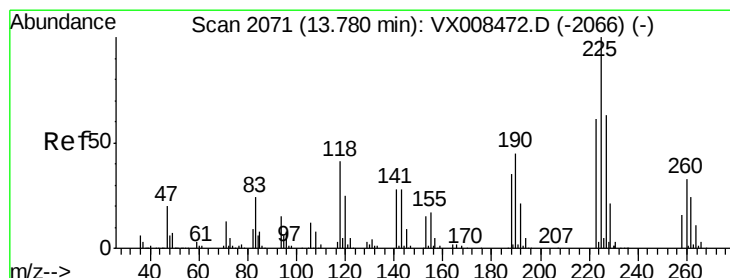
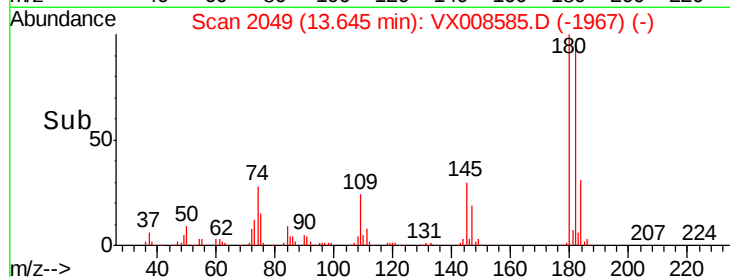
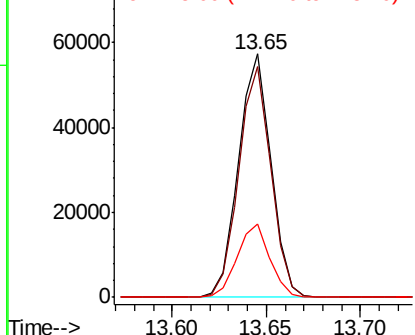
#89
 1,2,4-Trichlorobenzene
 Concen: 21.065 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tgt Ion:180 Resp: 68703
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.6 113.4
 145 30.2 23.0 34.6

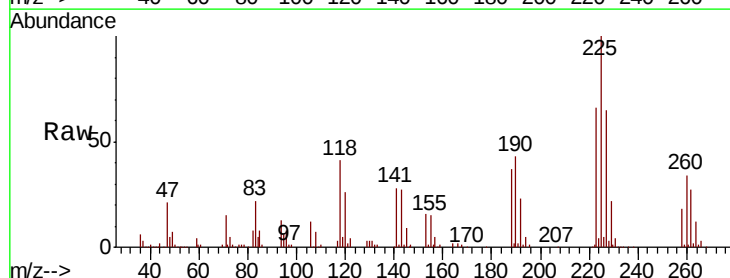


Abundance Ion 180.00 (179.70 to 180.70): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 145.00 (144.70 to 145.70): V

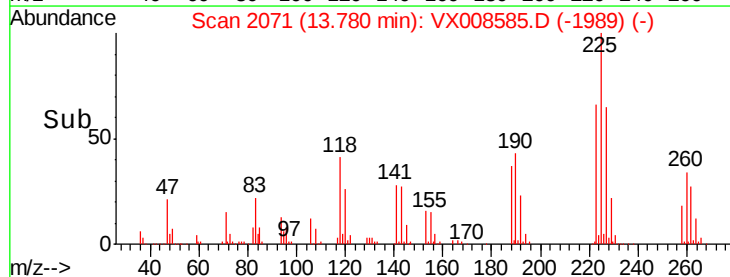
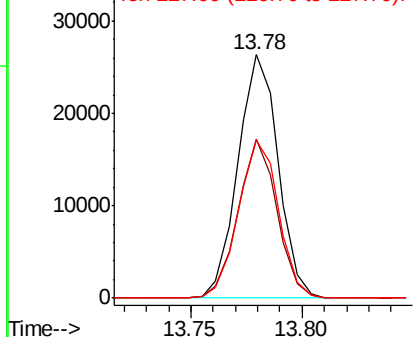


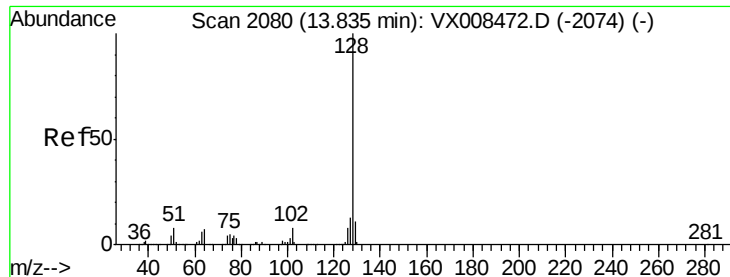
#90
 Hexachlorobutadiene
 Concen: 21.108 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX008585.D
 Acq: 02 Apr 2019 10:20

Tgt Ion:225 Resp: 33166
 Ion Ratio Lower Upper
 225 100
 223 62.9 0.0 123.8
 227 64.7 0.0 124.4



Abundance Ion 225.00 (224.70 to 225.70): V
 Ion 223.00 (222.70 to 223.70): V
 Ion 227.00 (226.70 to 227.70): V

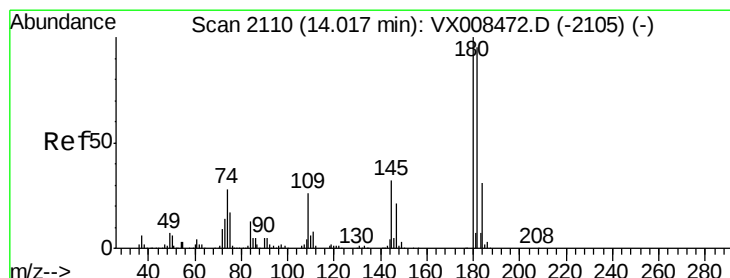
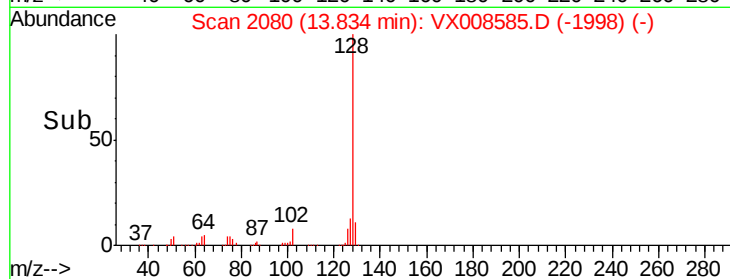
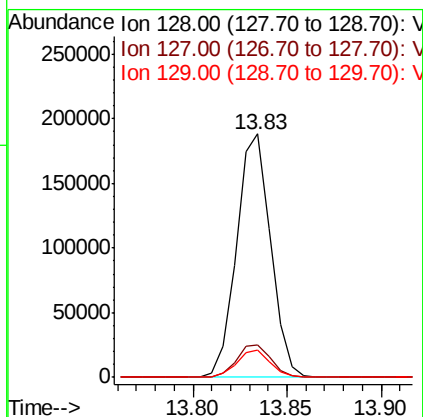
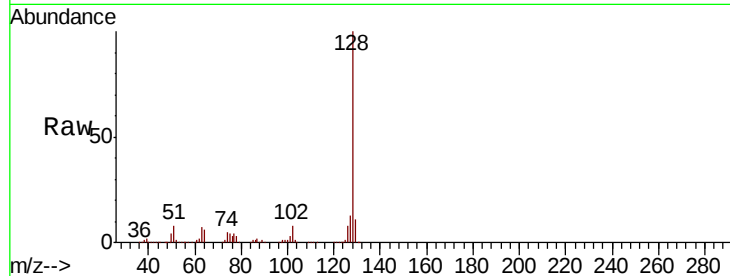




#91
Naphthalene
Concen: 21.074 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 235485
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 11.0 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 21.447 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX008585.D
Acq: 02 Apr 2019 10:20

Tgt Ion:180 Resp: 70459
Ion Ratio Lower Upper
180 100
182 96.1 0.0 193.0
145 31.8 0.0 63.0

