

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050719\
 Data File : VX009388.D
 Acq On : 07 May 2019 19:39
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

Quant Time: May 08 02:13:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	28485	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	167184	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	150173	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	71512	30.26	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.87%
60) 4-Bromofluorobenzene	11.13	95	75776	29.70	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.00%
63) Toluene-d8	8.71	98	211897	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	26910	17.779	ug/l 99
3) Chloromethane	1.32	50	34585	16.999	ug/l 98
4) Vinyl Chloride	1.40	62	36795	18.129	ug/l 99
5) Bromomethane	1.64	94	17975	13.971	ug/l 100
6) Chloroethane	1.72	64	23952	17.995	ug/l 96
7) Trichlorofluoromethane	1.93	101	47986	19.147	ug/l 99
8) Diethyl Ether	2.19	74	22691	19.498	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	29862	19.245	ug/l 98
10) 1,1-Dichloroethene	2.37	96	30335	19.470	ug/l 97
11) Methyl Iodide	2.51	142	16784	9.910	ug/l 98
12) Methyl Acetate	2.78	43	60659	20.670	ug/l 100
13) Acrolein	2.29	56	30562	75.930	ug/l 99
14) Acrylonitrile	3.15	53	134758	105.811	ug/l 100
15) Acetone	2.45	58	37169	101.649	ug/l 96
16) Carbon Disulfide	2.57	76	76052	18.041	ug/l 98
17) Allyl chloride	2.73	41	70254	18.782	ug/l 99
18) Methylene Chloride	2.85	84	37124	19.716	ug/l 98
19) trans-1,2-Dichloroethene	3.17	96	31743	19.108	ug/l 99
20) Diisopropyl ether	3.86	45	143851	19.529	ug/l 95
21) 1,1-Dichloroethane	3.70	63	69316	19.445	ug/l 97
22) cis-1,2-Dichloroethene	4.59	96	38217	19.099	ug/l 96
23) tert-Butyl Alcohol	3.06	59	59440	110.376	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	120989	19.843	ug/l 99
25) Chloroform	5.21	83	64231	19.745	ug/l 98
26) Cyclohexane	5.58	56	60933	18.341	ug/l # 98
29) 1,1-Dichloropropene	5.81	75	45363	18.492	ug/l 98
30) 2-Butanone	4.68	43	204434	106.411	ug/l 100
31) 2,2-Dichloropropane	4.59	77	44463	16.441	ug/l 98
32) 1,1,1-Trichloroethane	5.50	97	52400	19.704	ug/l 97
33) Carbon Tetrachloride	5.78	117	42862	19.263	ug/l 97
34) Benzene	6.14	78	146793	19.409	ug/l 99
35) Methacrylonitrile	5.04	41	41925	20.858	ug/l 95
36) 1,2-Dichloroethane	6.20	62	55022	20.050	ug/l 99
37) Trichloroethene	7.21	130	34644	19.029	ug/l 96
38) Methylcyclohexane	7.46	83	53892	17.781	ug/l 99
39) 1,2-Dichloropropane	7.52	63	41808	19.412	ug/l 96
40) Dibromomethane	7.66	93	24341	19.913	ug/l 97

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	49240	19.721	ug/l	97
42) Vinyl Acetate	3.82	43	633715	99.943	ug/l	99
43) Ethyl Acetate	4.84	43	74273	21.395	ug/l	100
44) Isopropyl Acetate	6.45	43	113522	20.186	ug/l	98
45) 1,4-Dioxane	7.74	88	24113	436.715	ug/l	99
46) Methyl methacrylate	7.77	41	57077	20.334	ug/l	95
47) n-amyl Acetate	10.90	43	99314	19.603	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	55581	19.078	ug/l	95
49) cis-1,3-Dichloropropene	8.43	75	60858	19.028	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	38459	20.536	ug/l	97
51) Ethyl methacrylate	9.18	69	68261	19.724	ug/l	98
52) 1,3-Dichloropropane	9.37	76	66823	20.105	ug/l	99
53) Dibromochloromethane	9.59	129	36924	19.797	ug/l	99
54) 1,2-Dibromoethane	9.67	107	38661	20.128	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	181236	98.275	ug/l	99
56) Bromoform	10.85	173	27881	19.474	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	387586	104.964	ug/l	100
59) 2-Hexanone	9.49	43	303372	104.746	ug/l	99
61) Tetrachloroethene	9.34	164	31251	18.877	ug/l	99
62) Toluene	8.79	91	156127	19.456	ug/l	100
64) Chlorobenzene	10.14	112	93168	19.292	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	34901	19.737	ug/l	98
66) Ethyl Benzene	10.25	91	170799	19.106	ug/l	100
67) m/p-Xylenes	10.36	106	123019	37.691	ug/l	99
68) o-Xylene	10.70	106	62300	19.412	ug/l	98
69) Styrene	10.71	104	108993	19.346	ug/l	100
70) Isopropylbenzene	11.02	105	166683	19.312	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	64794	20.498	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	75114	27.575	ug/l	81
73) Bromobenzene	11.26	156	41298	19.366	ug/l	100
74) n-propylbenzene	11.36	91	187622	18.759	ug/l	99
75) 2-Chlorotoluene	11.42	91	114777	19.132	ug/l	99
76) 1,3,5-Trimethylbenzene	11.51	105	139294	19.052	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	19155	17.433	ug/l	92
78) 4-Chlorotoluene	11.51	91	127694	18.741	ug/l	99
79) tert-butylbenzene	11.77	119	133511	18.890	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	137337	18.742	ug/l	100
81) sec-Butylbenzene	11.94	105	159105	18.947	ug/l	100
82) p-Isopropyltoluene	12.06	119	142119	18.605	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	71902	18.880	ug/l	99
84) 1,4-Dichlorobenzene	12.10	146	71237	18.775	ug/l	99
85) n-Butylbenzene	12.38	91	123464	17.664	ug/l	99
86) Hexachloroethane	12.60	117	23927	18.408	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	74433	19.416	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	13.00	75	15396	20.960	ug/l	96
89) 1,2,4-Trichlorobenzene	13.65	180	51429	18.822	ug/l	99
90) Hexachlorobutadiene	13.78	225	25432	18.633	ug/l	99
91) Naphthalene	13.83	128	182042	20.348	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	53969	19.430	ug/l	99

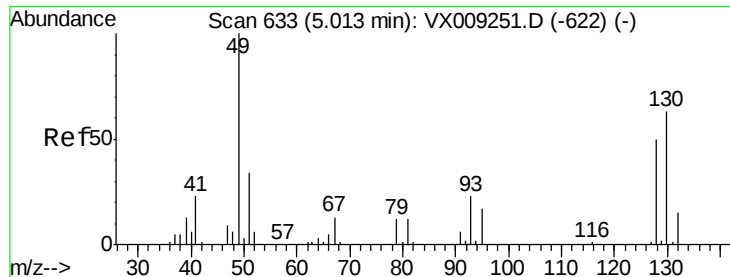
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QLast Update : Thu May 02 06:46:57 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

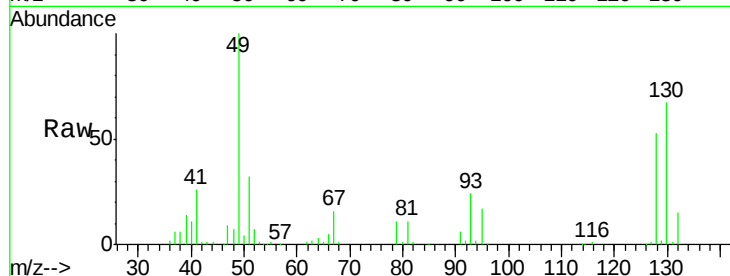
Tot Ion:128 Resp: 28485

Ion Ratio Lower Upper

128 100

49 198.9 0.0 515.0

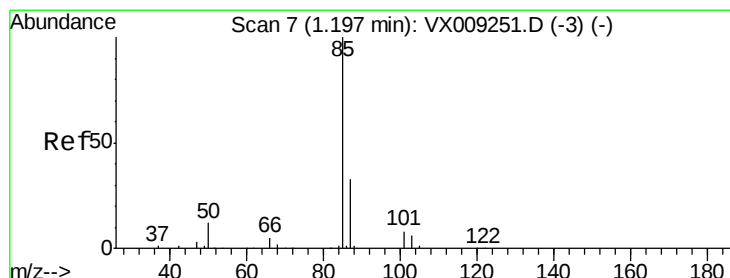
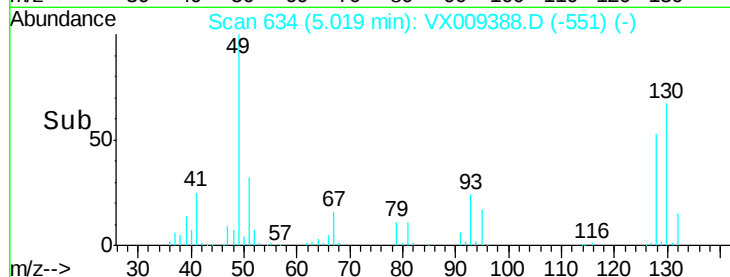
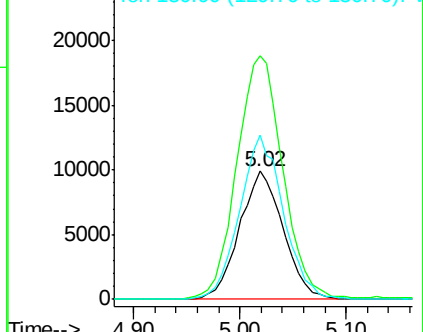
130 127.9 0.0 323.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 17.779 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009388.D

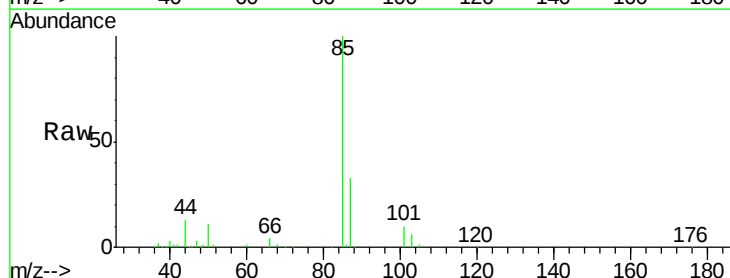
Acq: 07 May 2019 19:39

Tgt Ion: 85 Resp: 26910

Ion Ratio Lower Upper

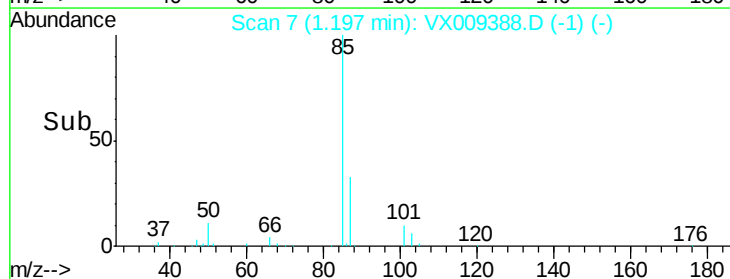
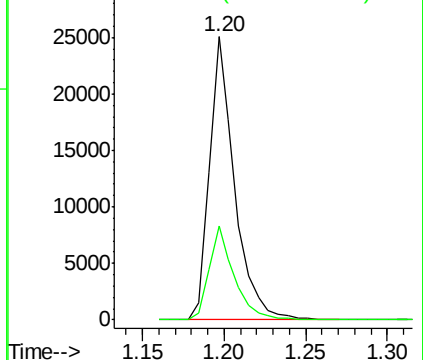
85 100

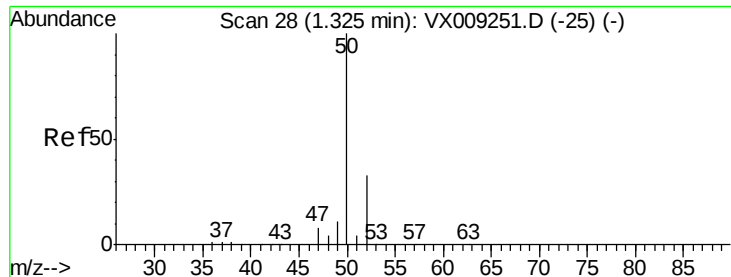
87 33.0 16.3 48.9



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 16.999 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

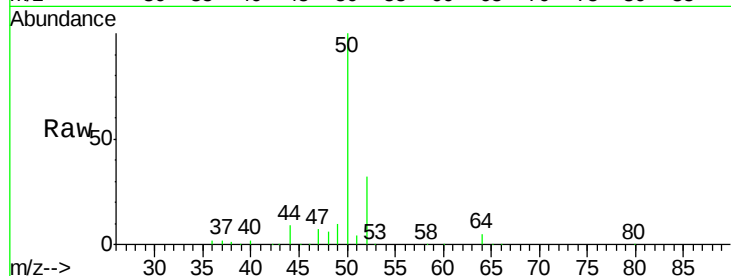
VSTDCCC020EC

Tot Ion: 50 Resp: 34585

Ion Ratio Lower Upper

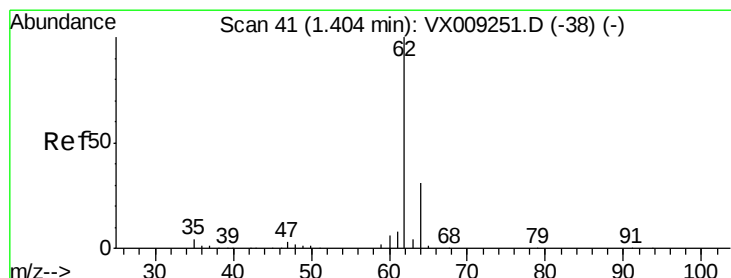
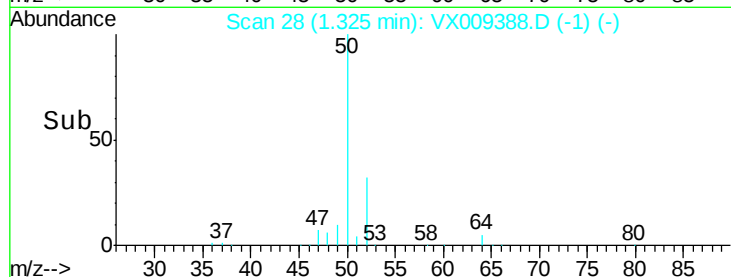
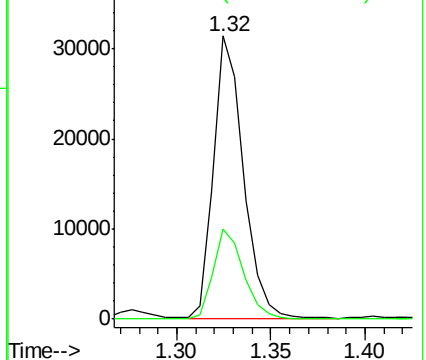
50 100

52 31.7 26.3 39.5



Abundance Ion 50.00 (49.70 to 50.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#4

Vinyl Chloride

Concen: 18.129 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX009388.D

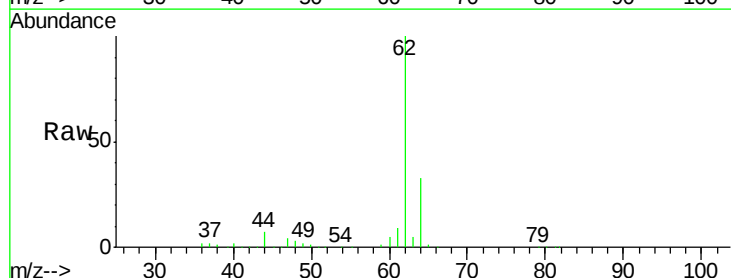
Acq: 07 May 2019 19:39

Tgt Ion: 62 Resp: 36795

Ion Ratio Lower Upper

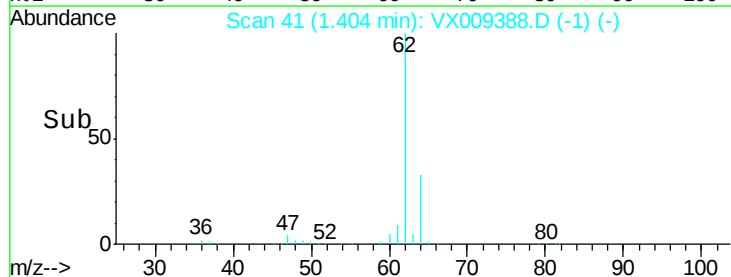
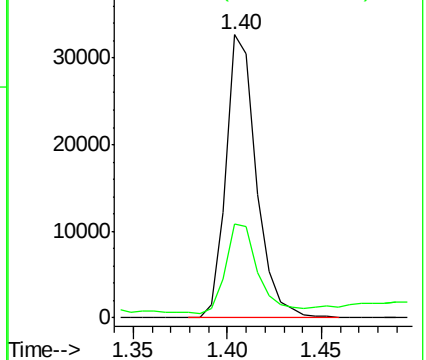
62 100

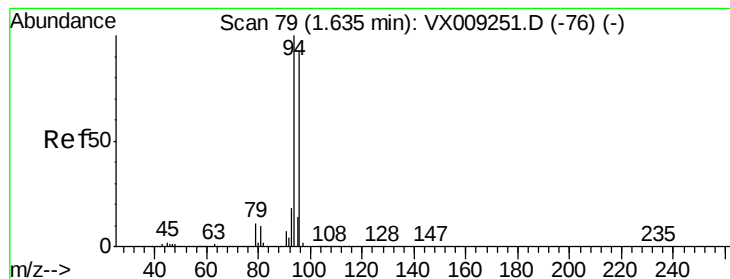
64 31.2 24.6 36.8



Abundance Ion 62.00 (61.70 to 62.70): VX0

Ion 64.00 (63.70 to 64.70): VX0





#5

Bromomethane

Concen: 13.971 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

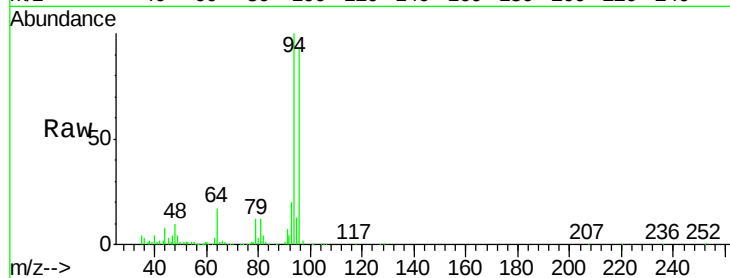
VSTDCCC020EC

Tot Ion: 94 Resp: 17975

Ion Ratio Lower Upper

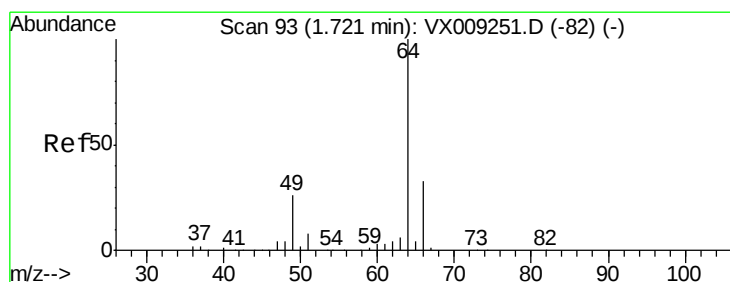
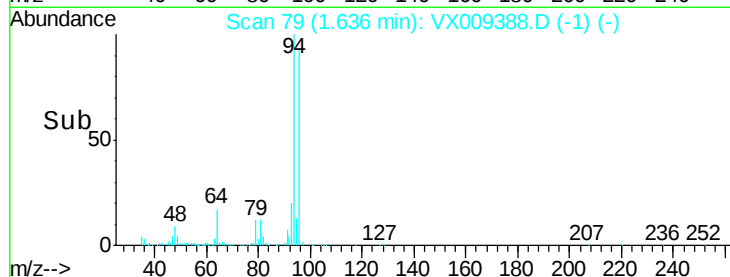
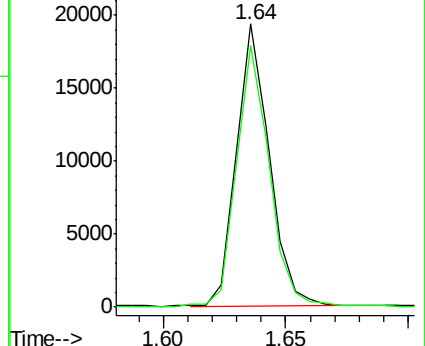
94 100

96 92.4 73.5 110.3



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 17.995 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX009388.D

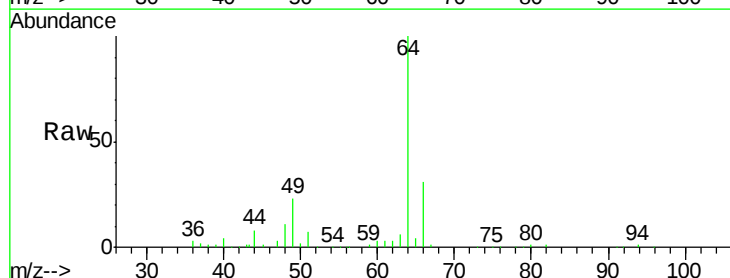
Acq: 07 May 2019 19:39

Tgt Ion: 64 Resp: 23952

Ion Ratio Lower Upper

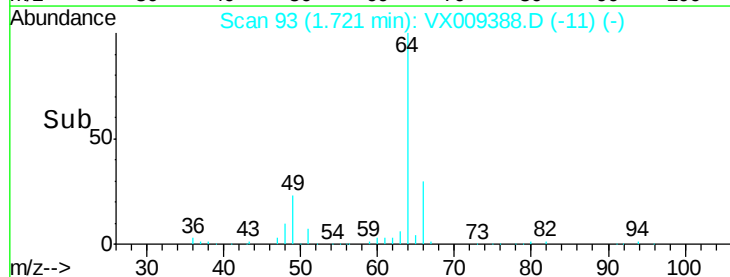
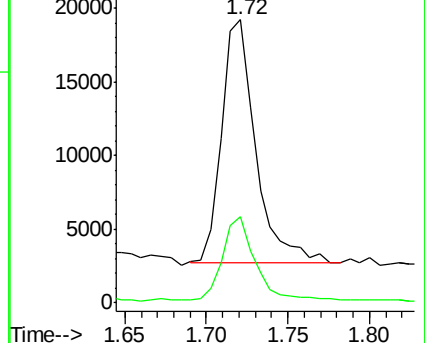
64 100

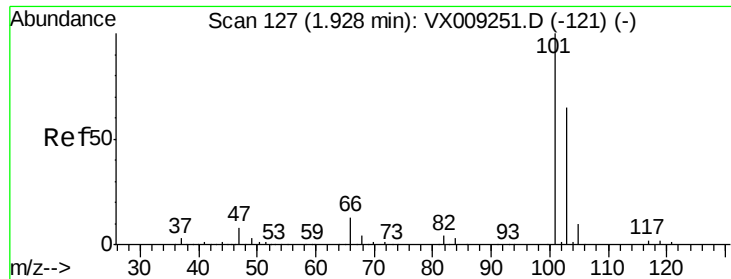
66 34.4 25.9 38.9



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0



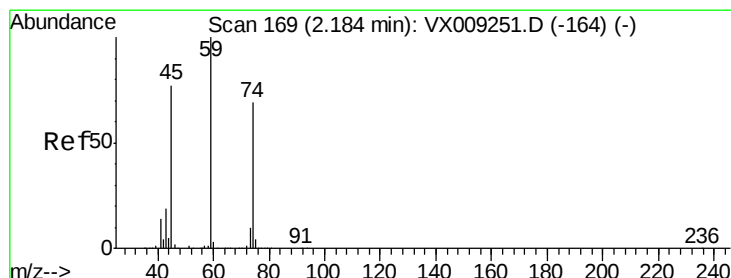
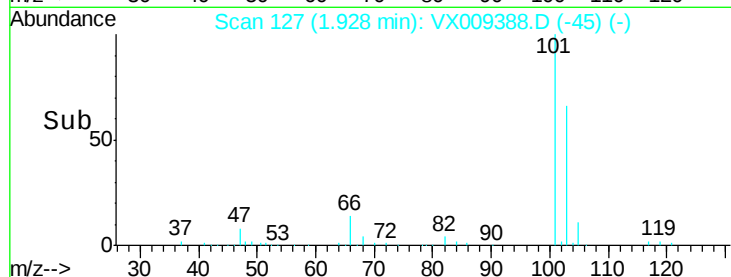
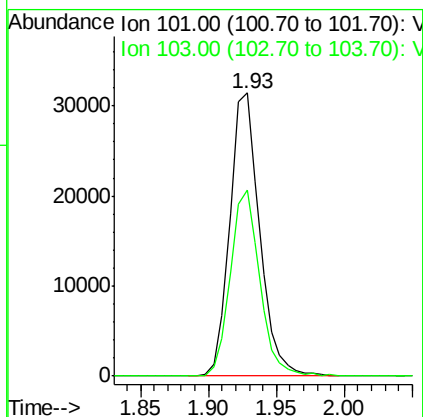
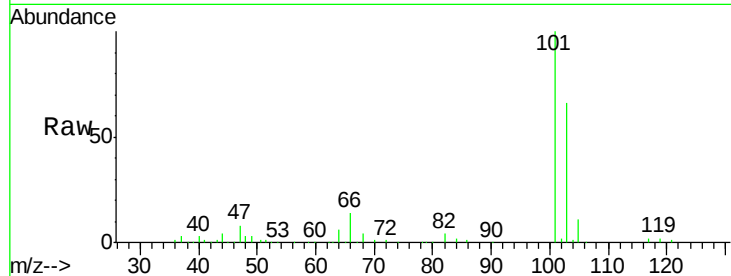


#7

Trichlorofluoromethane
 Concen: 19.147 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Instrument :
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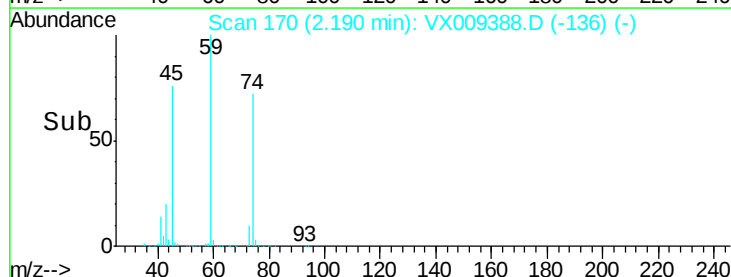
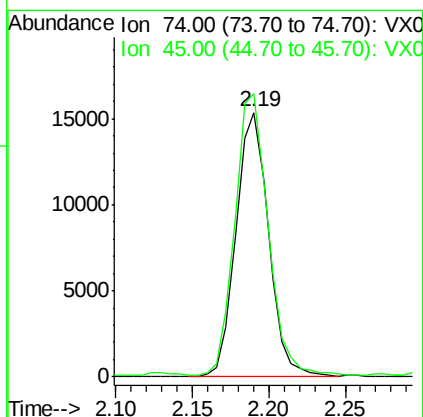
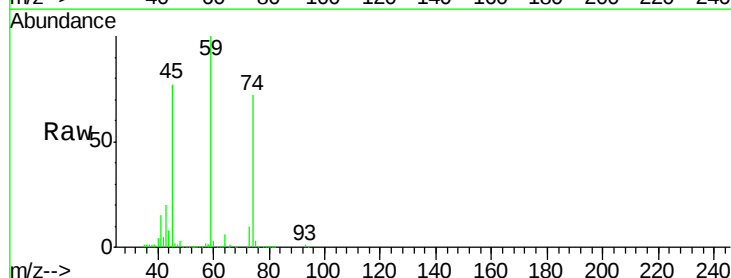
Tot Ion:101 Resp: 47986
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.9 77.9

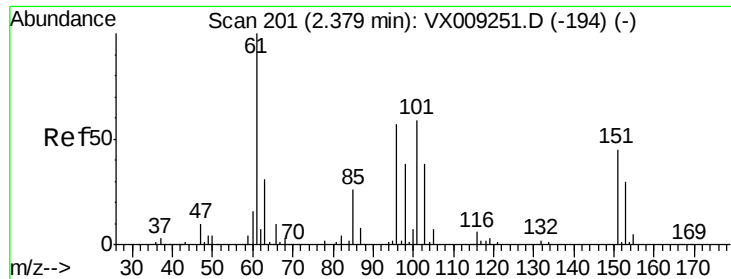


#8

Diethyl Ether
 Concen: 19.498 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. 0.01 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion: 74 Resp: 22691
 Ion Ratio Lower Upper
 74 100
 45 109.0 21.5 193.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.245 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

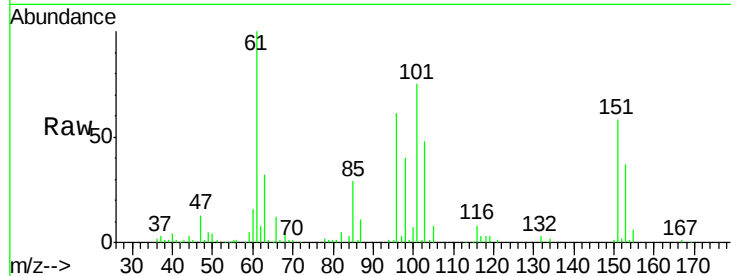
Tot Ion:101 Resp: 29862

Ion Ratio Lower Upper

101 100

85 42.6 0.0 87.4

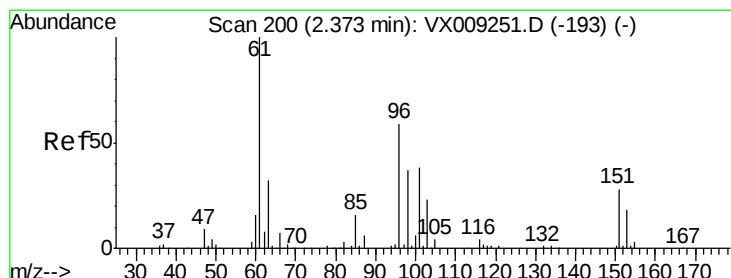
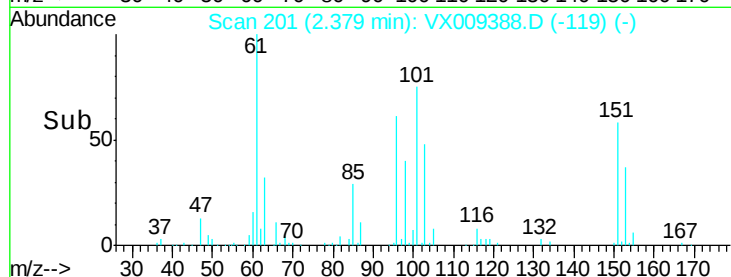
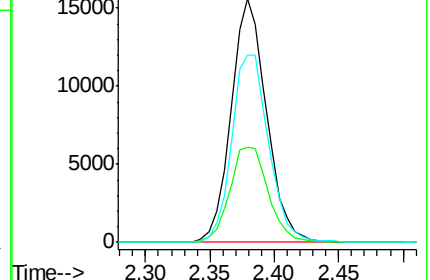
151 80.4 0.0 157.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 19.470 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

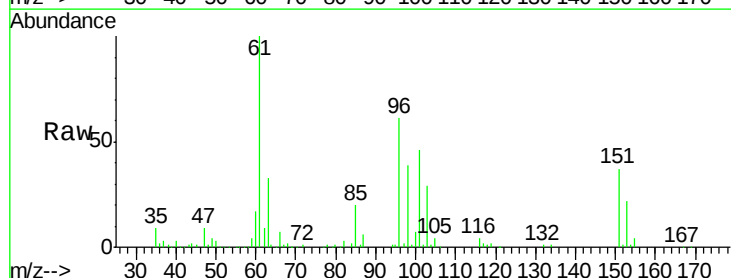
Tgt Ion: 96 Resp: 30335

Ion Ratio Lower Upper

96 100

61 164.4 136.5 204.7

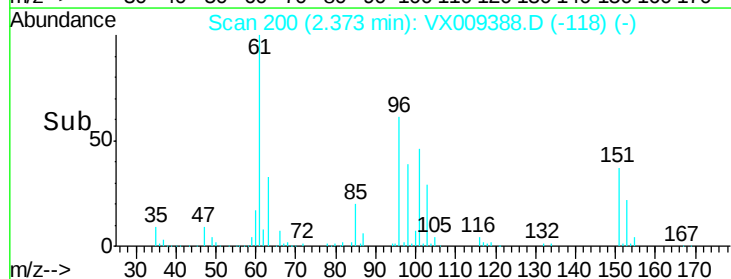
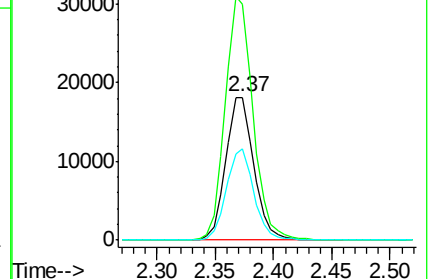
98 63.9 51.0 76.4

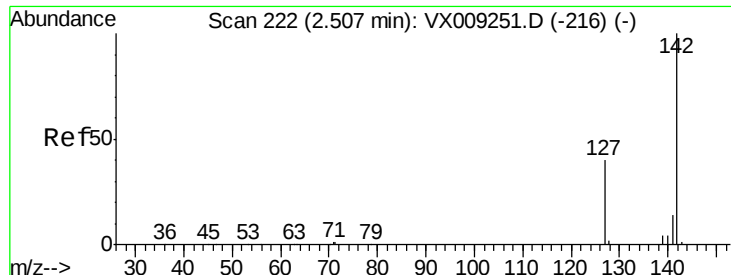


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

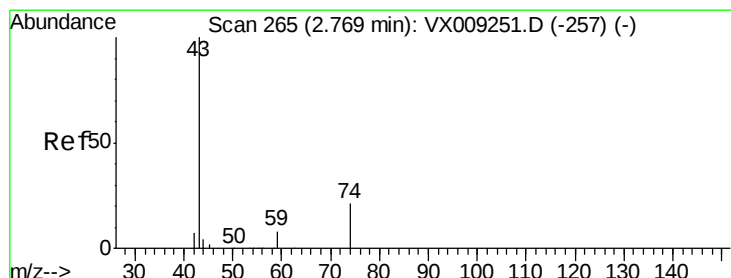
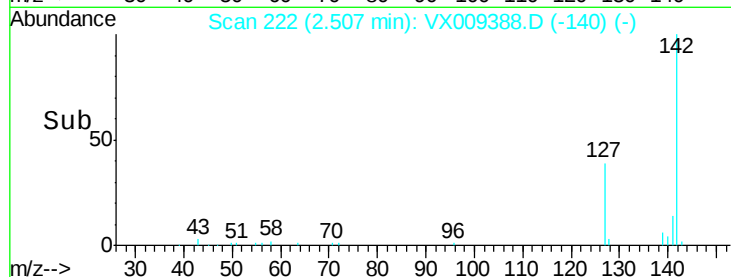
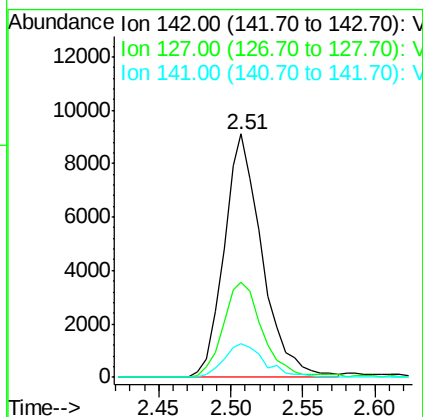
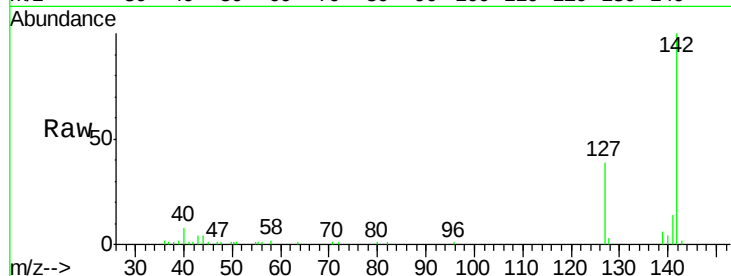




#11
Methvl Iodide
Concen: 9.910 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

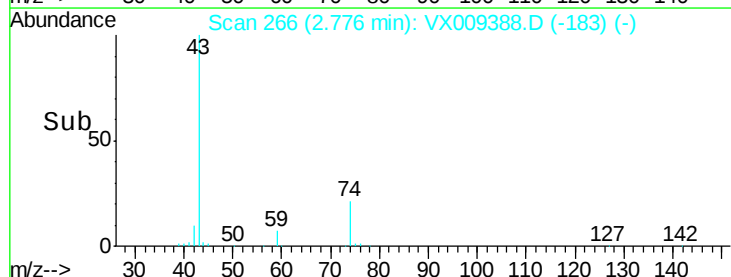
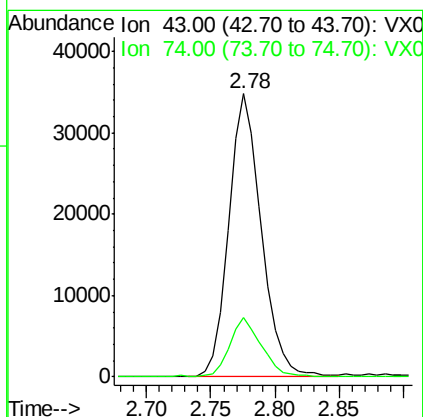
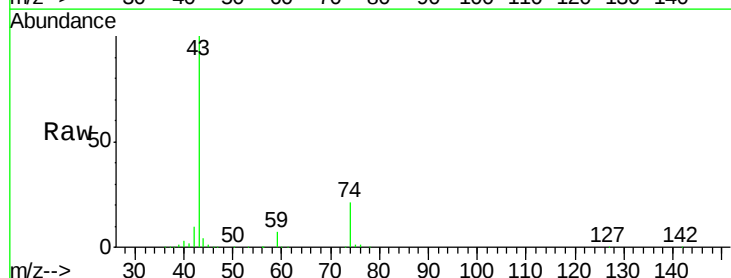
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

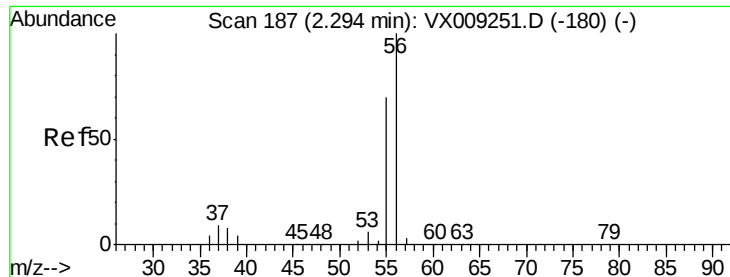
Tot Ion:142 Resp: 16784
Ion Ratio Lower Upper
142 100
127 39.0 20.2 60.5
141 14.1 6.9 20.7



#12
Methyl Acetate
Concen: 20.670 ug/l
RT: 2.78 min Scan# 266
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 43 Resp: 60659
Ion Ratio Lower Upper
43 100
74 20.8 16.5 24.7





#13

Acrolein

Concen: 75.930 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

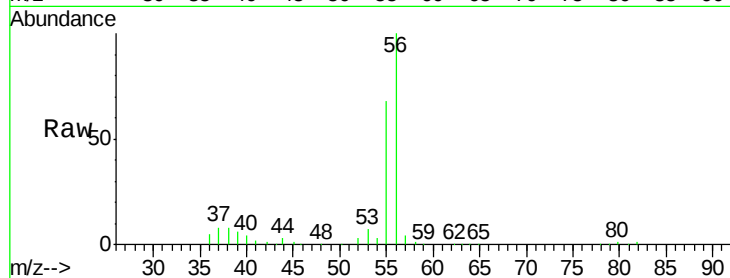
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

Tot Ion: 56 Resp: 30562

Ion Ratio Lower Upper

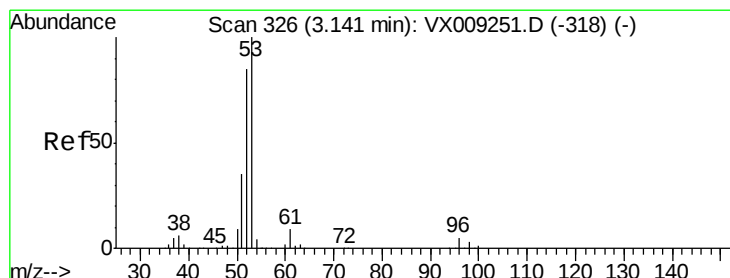
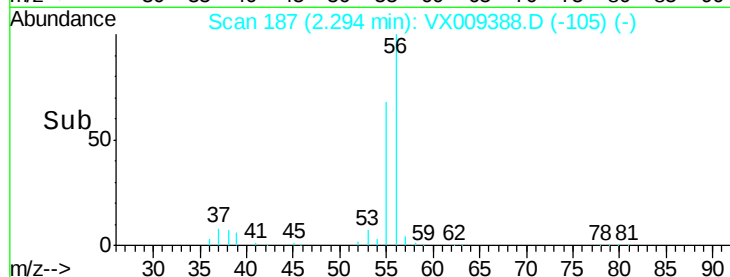
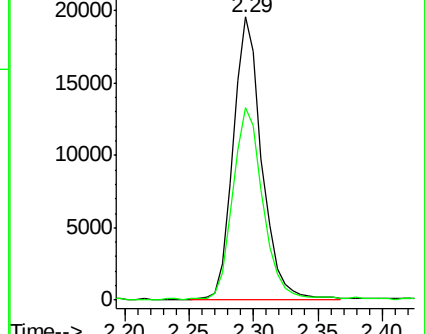
56 100

55 70.2 56.9 85.3



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Acrylonitrile

Concen: 105.811 ug/l

RT: 3.15 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

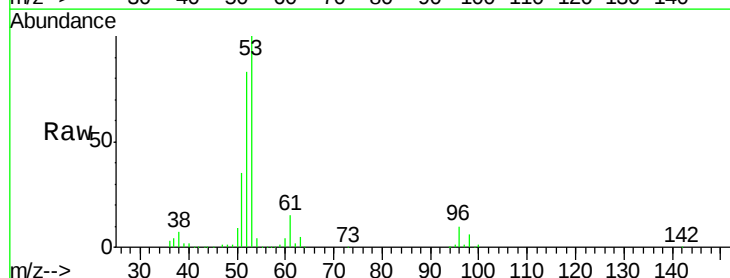
Tgt Ion: 53 Resp: 134758

Ion Ratio Lower Upper

53 100

52 83.6 41.5 124.5

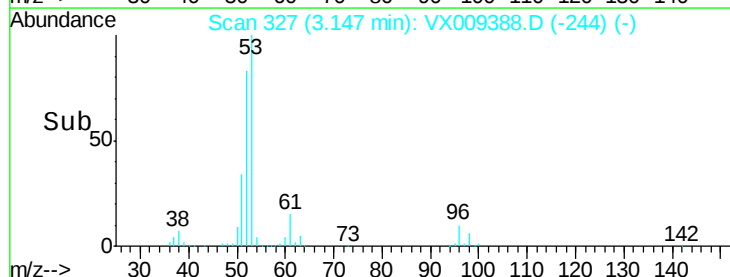
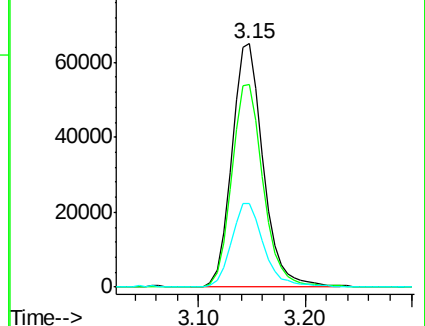
51 35.4 17.8 53.3

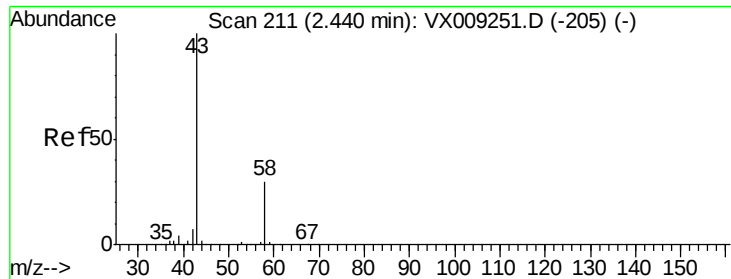


Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0





#15

Acetone

Concen: 101.649 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

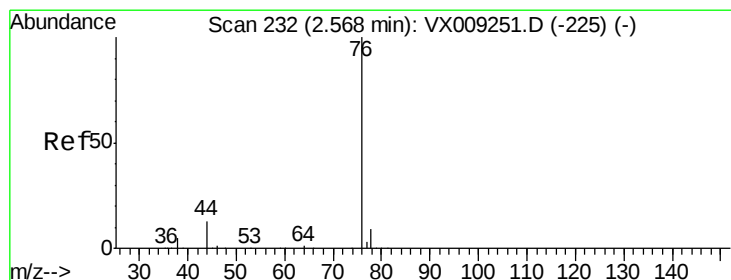
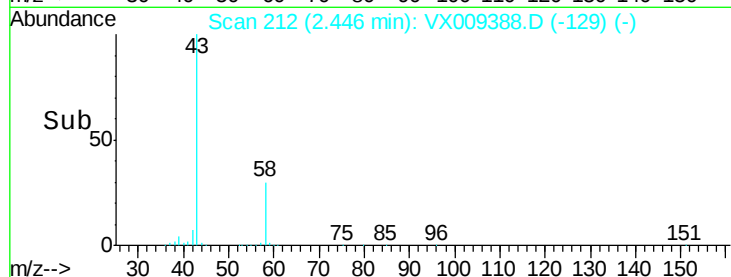
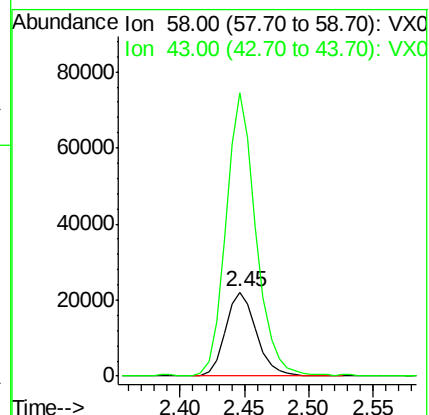
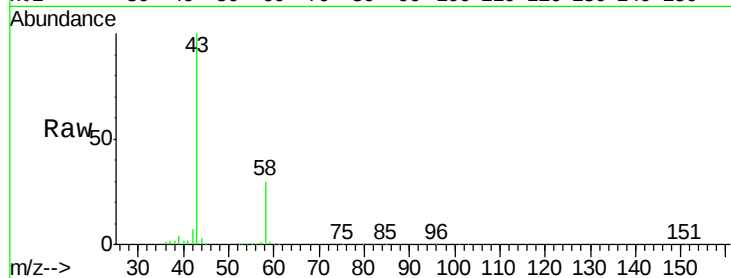
VSTDCCC020EC

Tot Ion: 58 Resp: 37169

Ion Ratio Lower Upper

58 100

43 337.7 264.0 396.0



#16

Carbon Disulfide

Concen: 18.041 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009388.D

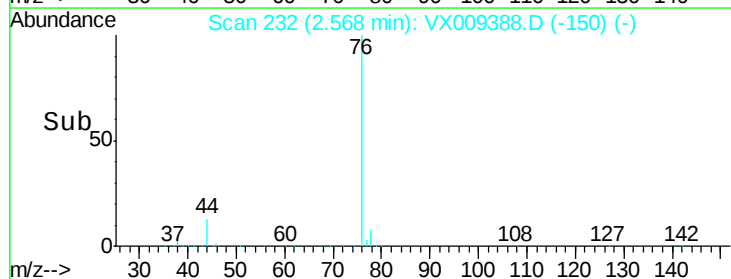
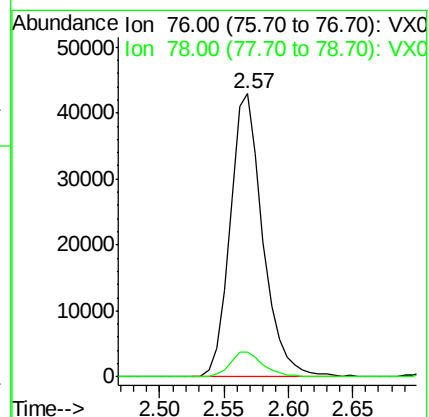
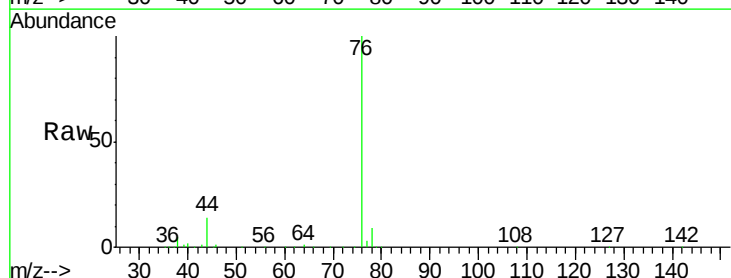
Acq: 07 May 2019 19:39

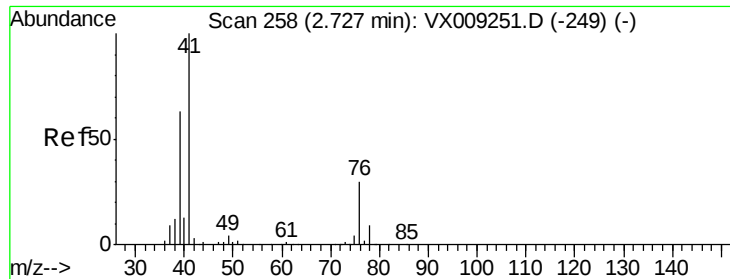
Tgt Ion: 76 Resp: 76052

Ion Ratio Lower Upper

76 100

78 8.6 7.4 11.2

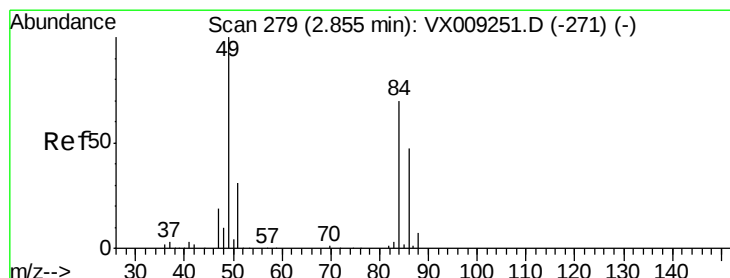
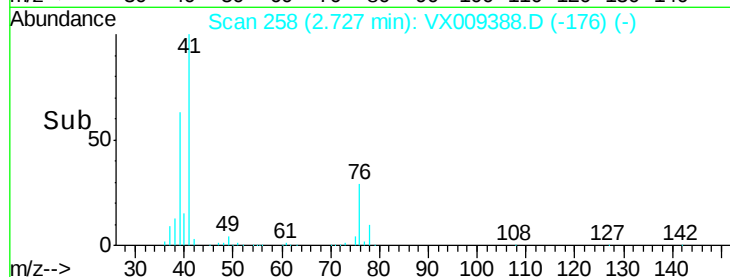
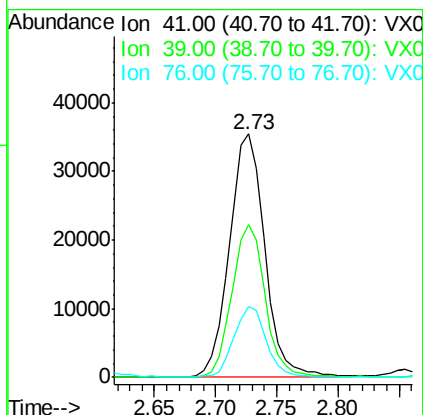
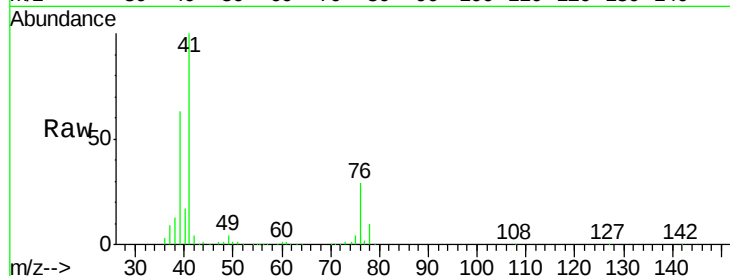




#17
Allvl chloride
Concen: 18.782 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

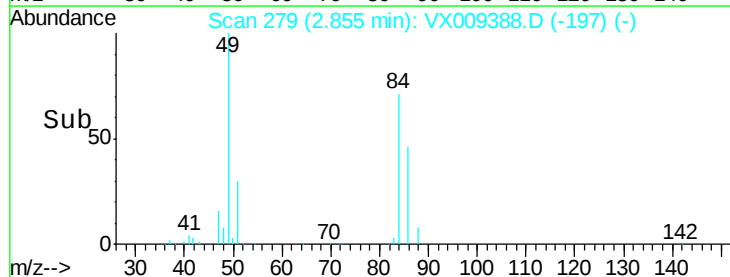
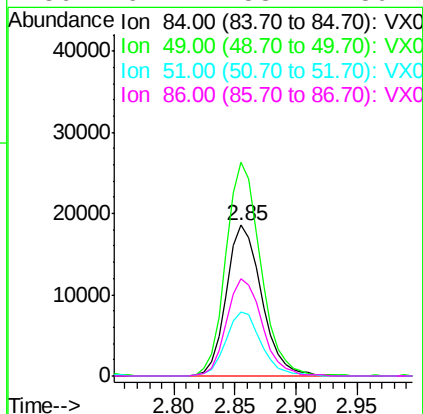
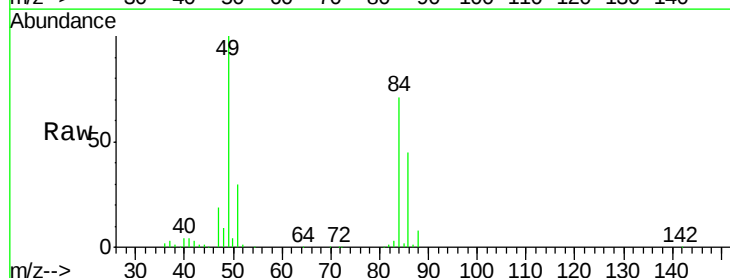
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

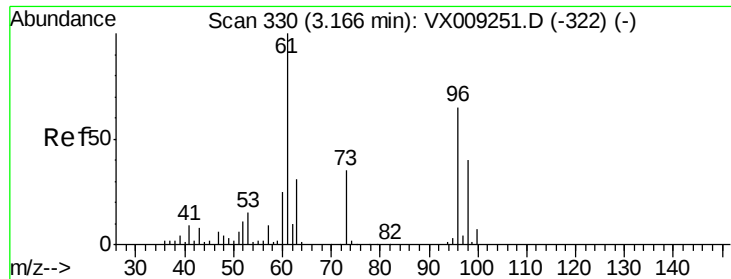
Tot Ion: 41 Resp: 70254
Ion Ratio Lower Upper
41 100
39 62.7 31.6 94.7
76 29.1 15.1 45.3



#18
Methylene Chloride
Concen: 19.716 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 84 Resp: 37124
Ion Ratio Lower Upper
84 100
49 141.4 114.6 171.8
51 42.8 35.5 53.3
86 64.1 53.4 80.2

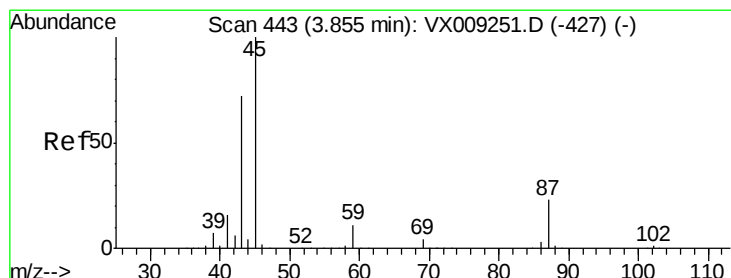
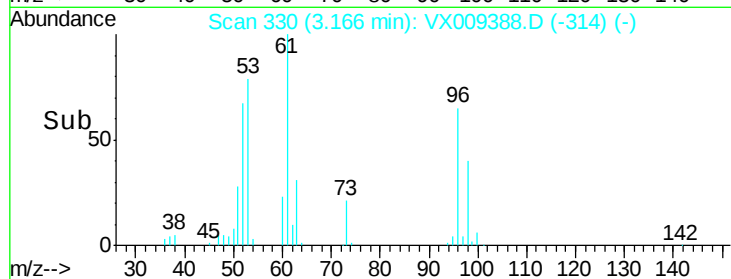
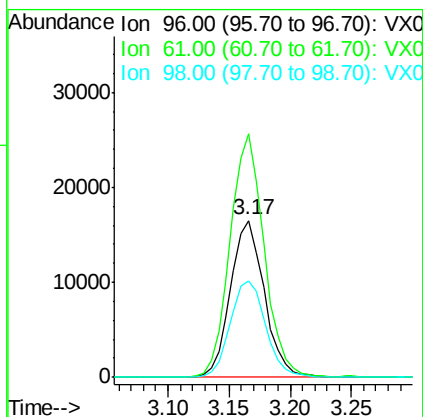
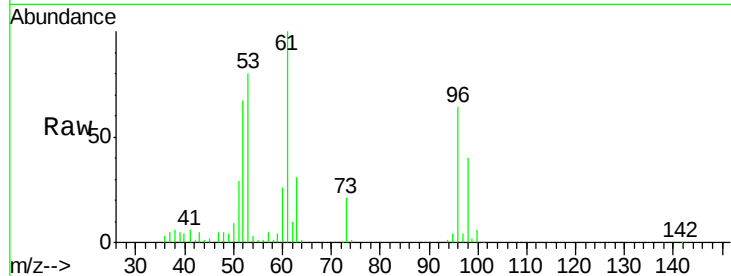




#19
trans-1,2-Dichloroethene
Concen: 19.108 ug/l
RT: 3.17 min Scan# 330
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

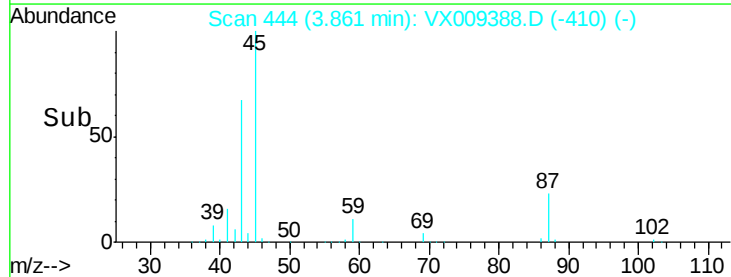
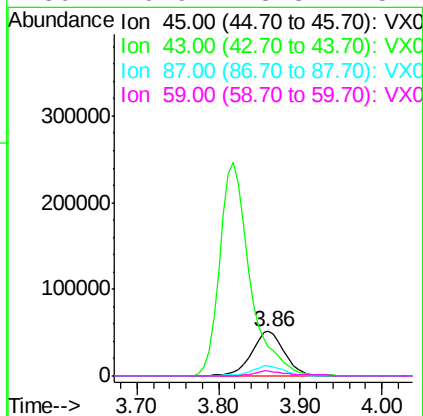
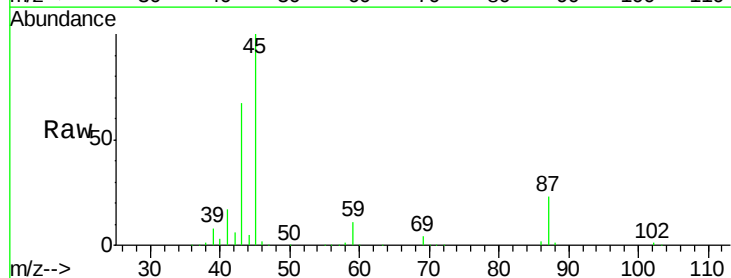
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

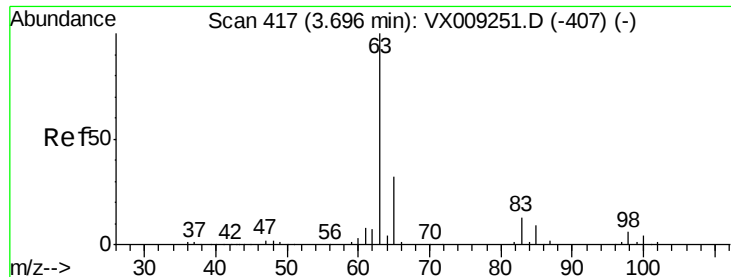
Tot Ion: 96 Resp: 31743
Ion Ratio Lower Upper
96 100
61 155.1 122.7 184.1
98 61.7 49.5 74.3



#20
Diisopropyl ether
Concen: 19.529 ug/l
RT: 3.86 min Scan# 444
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 45 Resp: 143851
Ion Ratio Lower Upper
45 100
43 66.4 57.7 86.5
87 23.3 18.5 27.7
59 10.9 8.8 13.2





#21

1,1-Dichloroethane

Concen: 19.445 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

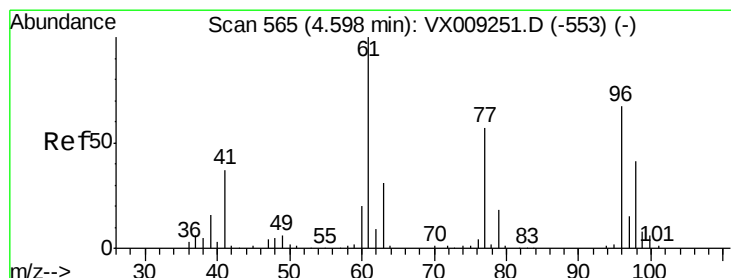
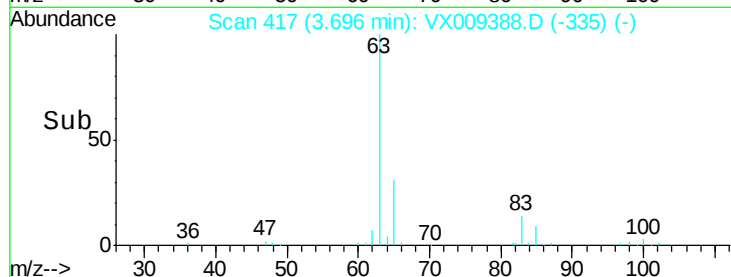
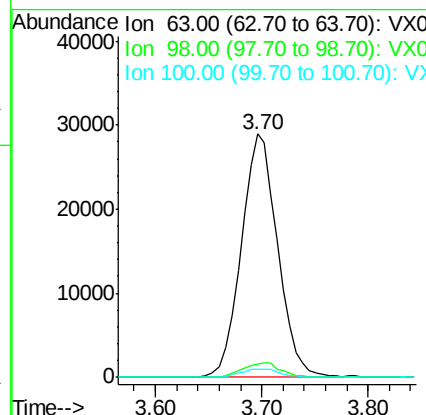
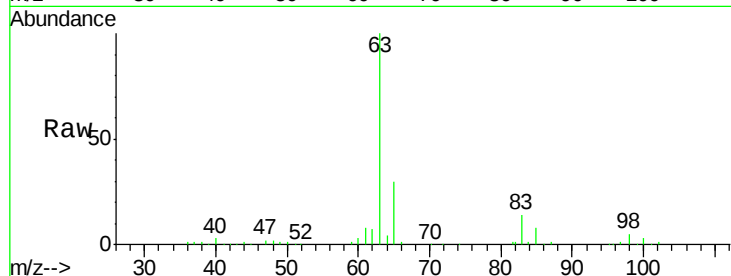
Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	69316
Ion	Ratio	Lower	Upper
63	100		
98	5.3	3.1	9.3
100	3.3	2.2	6.6



#22

cis-1,2-Dichloroethene

Concen: 19.099 ug/l

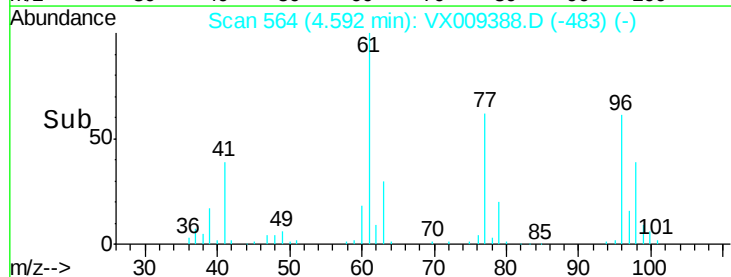
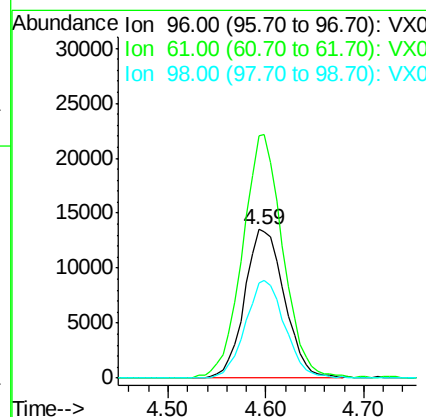
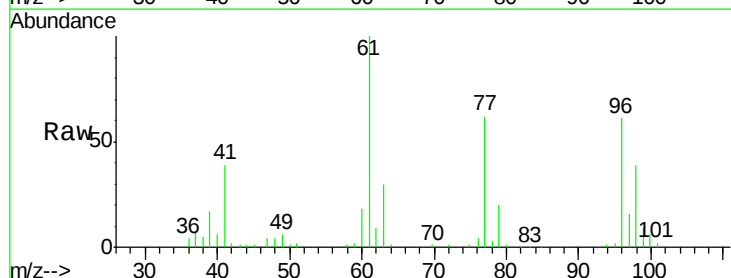
RT: 4.59 min Scan# 564

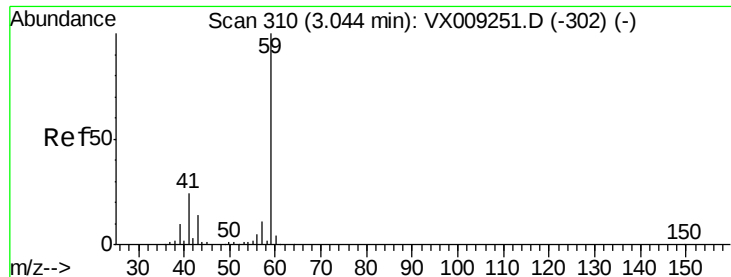
Delta R.T. -0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Tgt Ion:	96	Resp:	38217
Ion	Ratio	Lower	Upper
96	100		
61	166.0	127.7	191.5
98	65.3	50.5	75.7



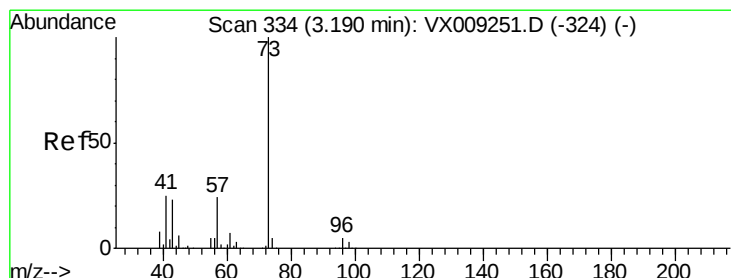
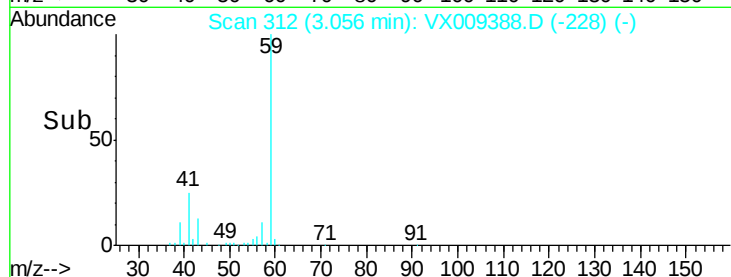
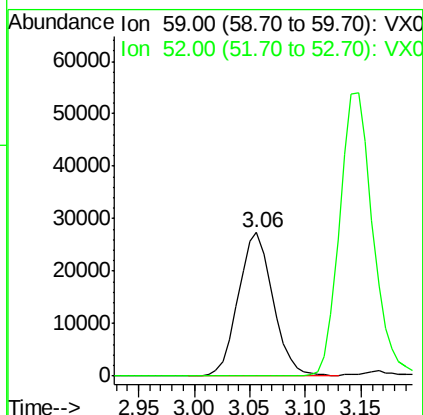
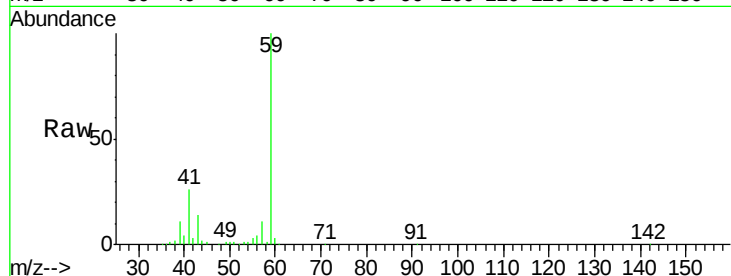


#23

tert-Butyl Alcohol
 Concen: 110.376 ug/l
 RT: 3.06 min Scan# 312
 Delta R.T. 0.01 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

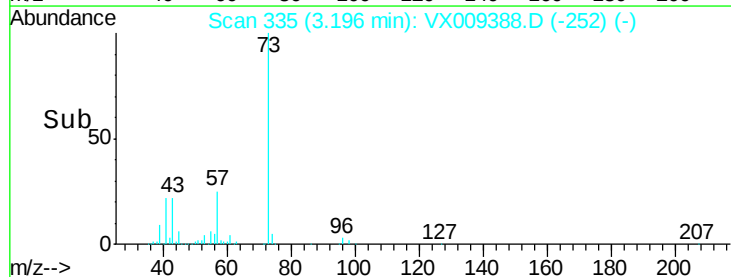
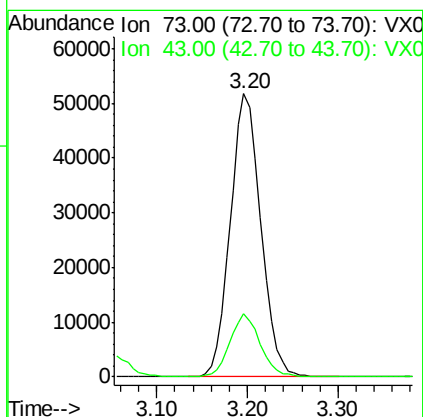
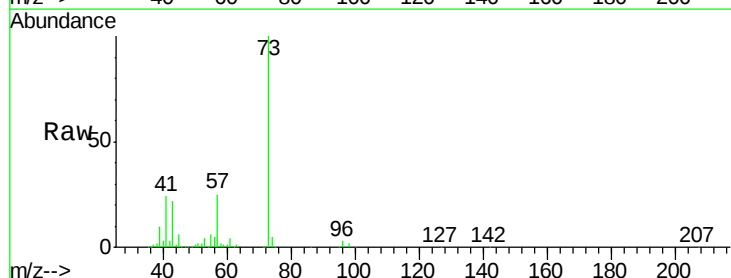
Tot Ion: 59 Resp: 59440
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

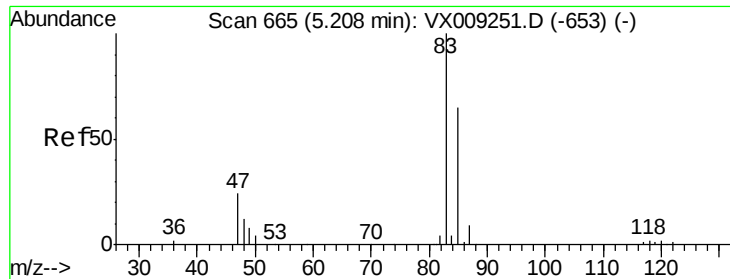


#24

Methyl tert-Butyl Ether
 Concen: 19.843 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. 0.01 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion: 73 Resp: 120989
 Ion Ratio Lower Upper
 73 100
 43 21.6 17.6 26.4

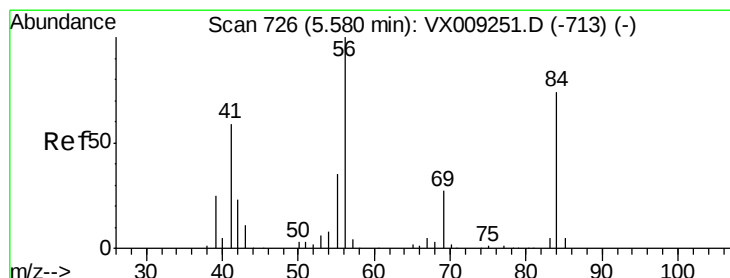
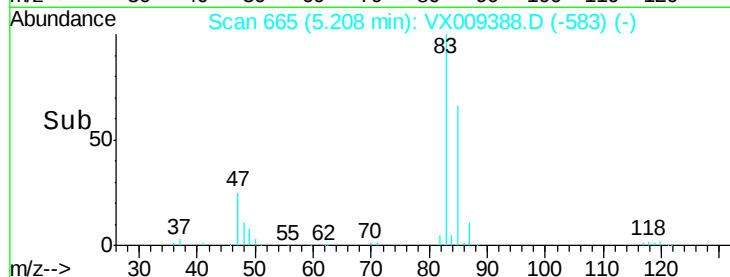
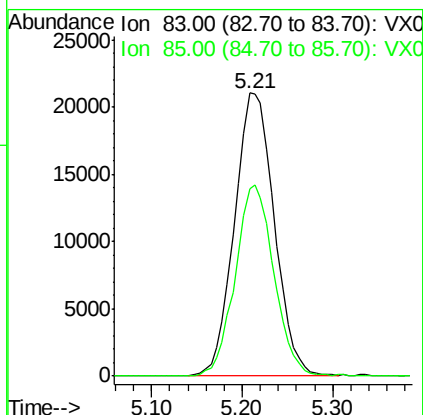
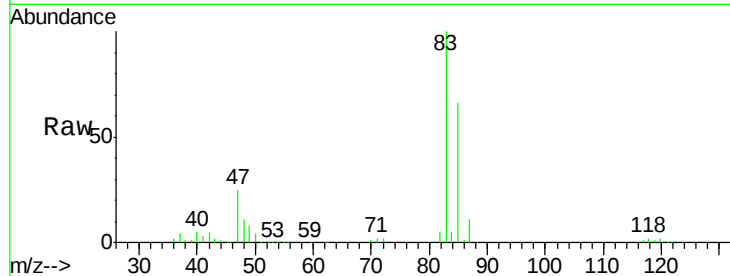




#25
Chloroform
Concen: 19.745 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

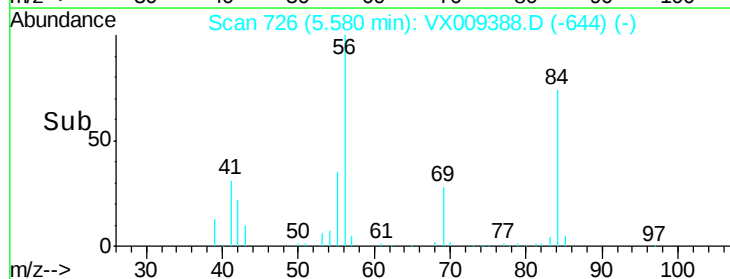
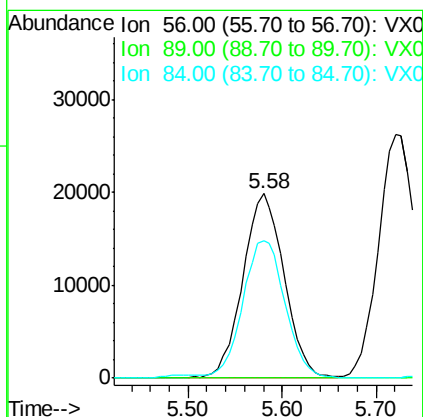
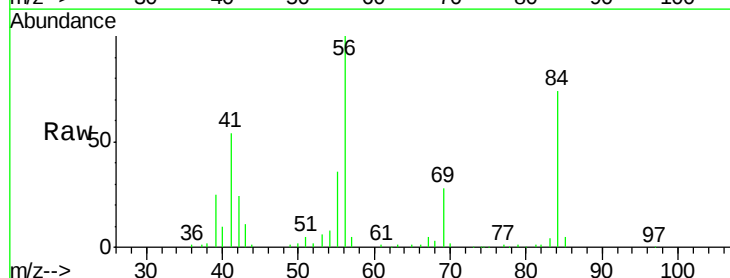
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

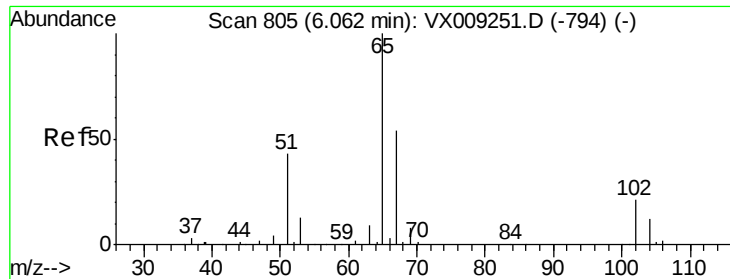
Tot Ion: 83 Resp: 64231
Ion Ratio Lower Upper
83 100
85 66.3 51.9 77.9



#26
Cyclohexane
Concen: 18.341 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 56 Resp: 60933
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 76.4 59.7 89.5





#27

1,2-Dichloroethane-d4

Concen: 30.264 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

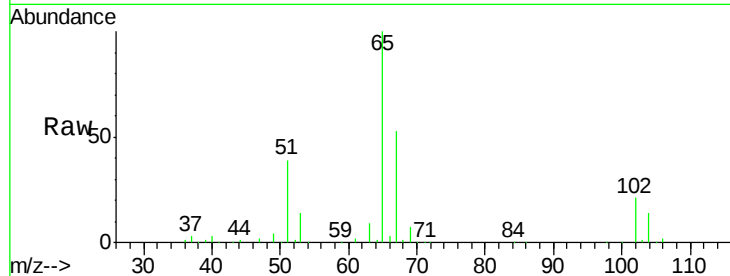
VSTDCCC020EC

Tot Ion: 65 Resp: 71512

Ion Ratio Lower Upper

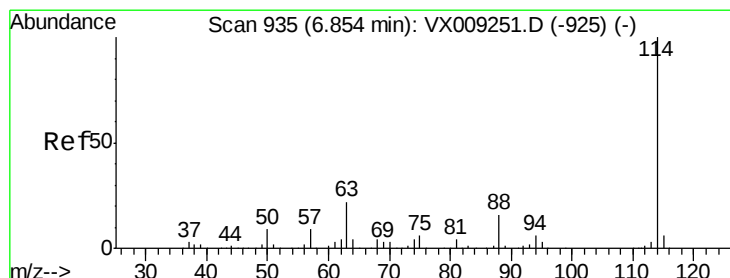
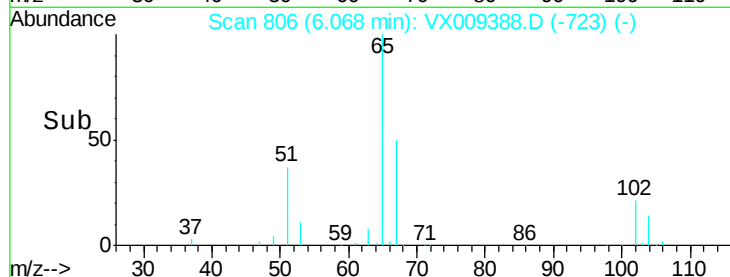
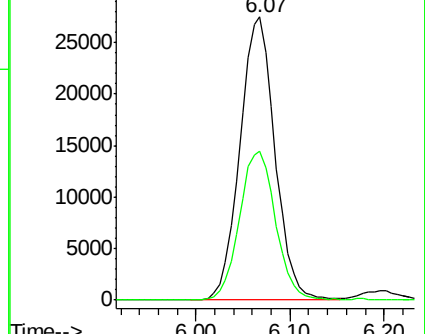
65 100

67 54.3 43.1 64.7



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: 6.86 min Scan# 936

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

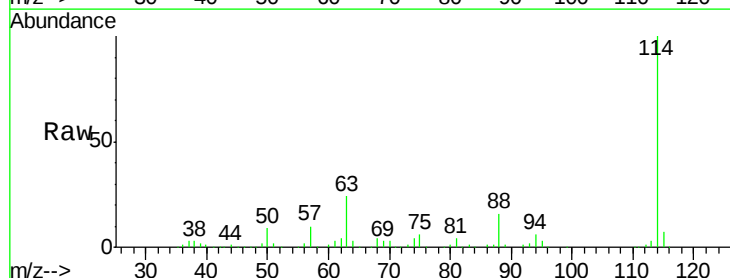
Tgt Ion: 114 Resp: 167184

Ion Ratio Lower Upper

114 100

63 23.2 18.0 27.0

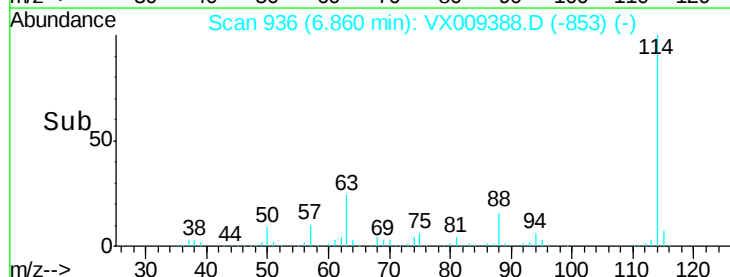
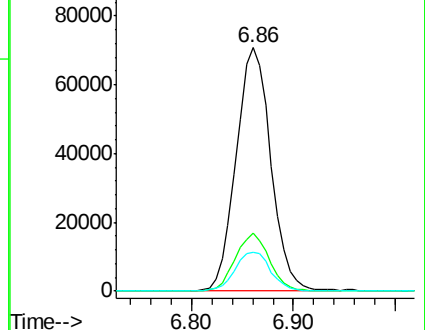
88 16.6 13.4 20.0

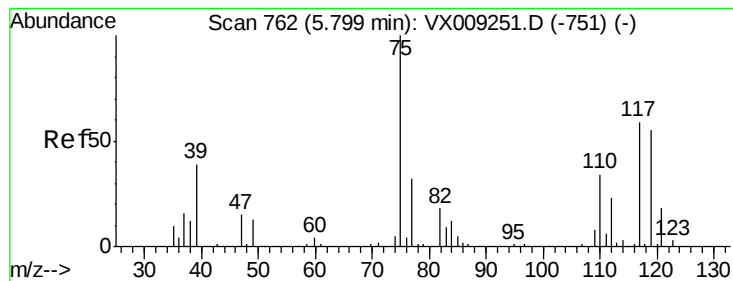


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





#29

1,1-Dichloropropene

Concen: 18.492 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

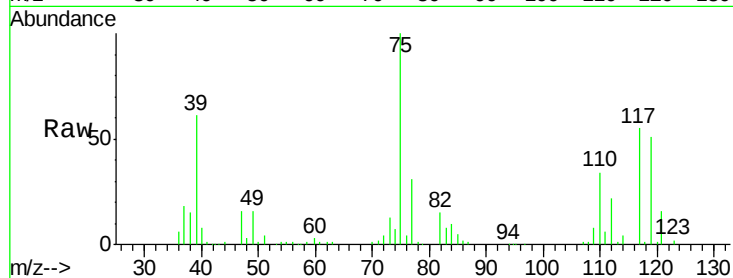
Tot Ion: 75 Resp: 45363

Ion Ratio Lower Upper

75 100

110 32.7 0.0 66.4

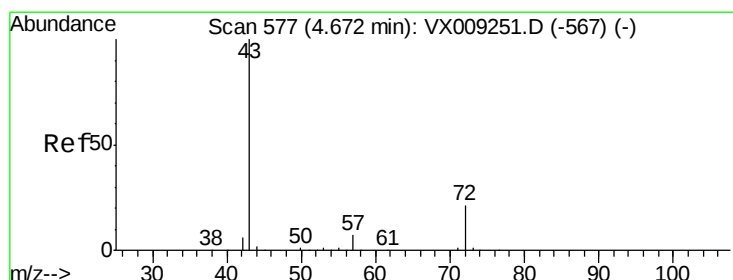
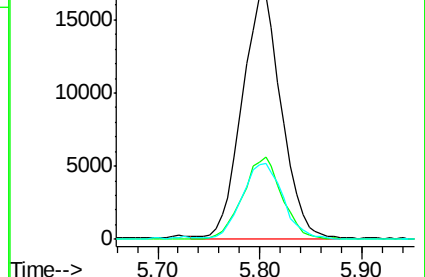
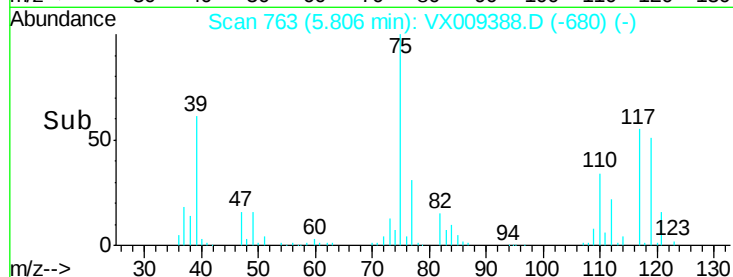
77 32.4 0.0 62.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 110.00 (109.70 to 110.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#30

2-Butanone

Concen: 106.411 ug/l

RT: 4.68 min Scan# 578

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

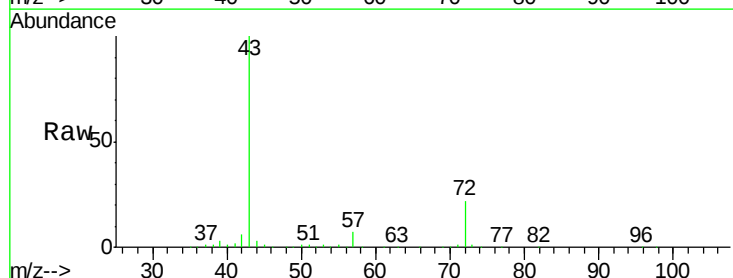
Tgt Ion: 43 Resp: 204434

Ion Ratio Lower Upper

43 100

57 7.5 6.0 9.0

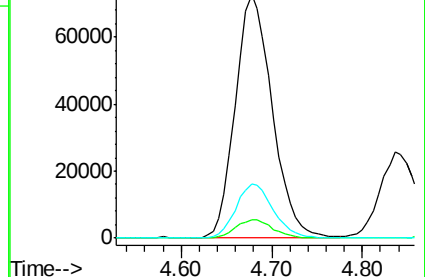
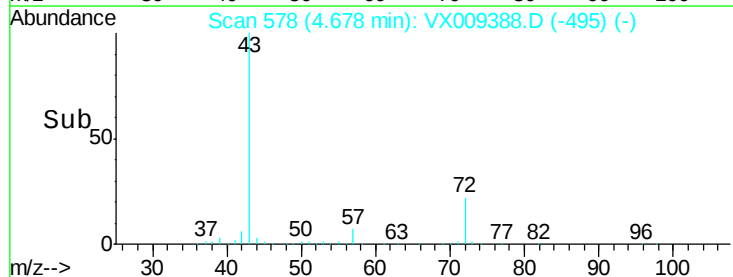
72 22.6 18.2 27.4

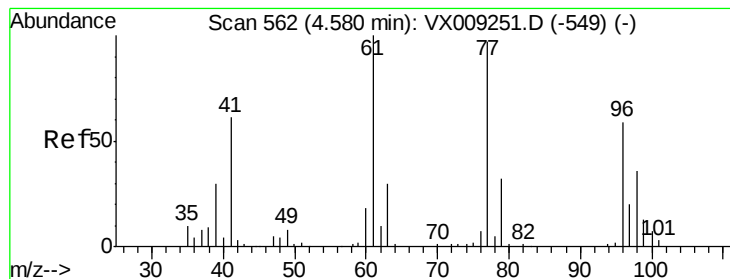


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

Ion 72.00 (71.70 to 72.70): VX0





#31

2,2-Dichloropropane

Concen: 16.441 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

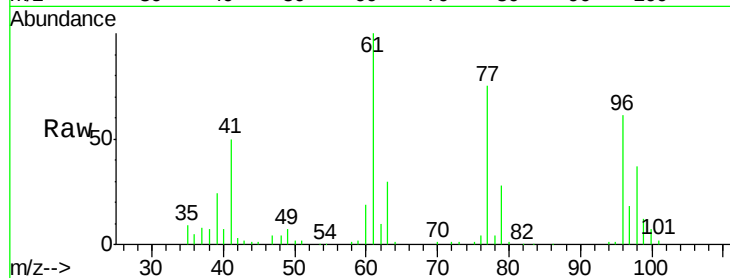
VSTDCCC020EC

Tot Ion: 77 Resp: 44463

Ion Ratio Lower Upper

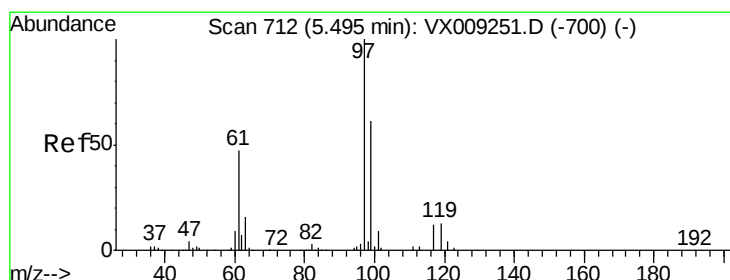
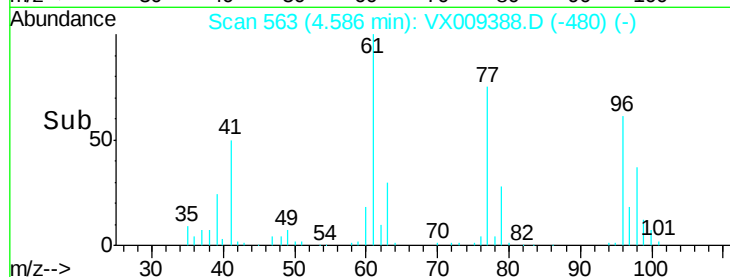
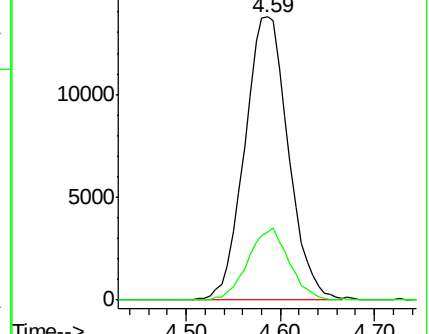
77 100

97 24.0 18.3 27.5



Abundance Ion 77.00 (76.70 to 77.70): VX0

Ion 97.00 (96.70 to 97.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.704 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

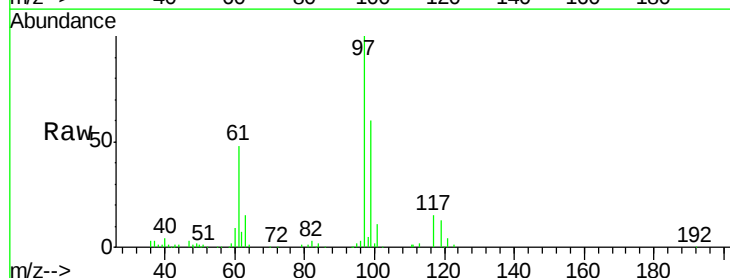
Tgt Ion: 97 Resp: 52400

Ion Ratio Lower Upper

97 100

99 63.0 53.9 80.9

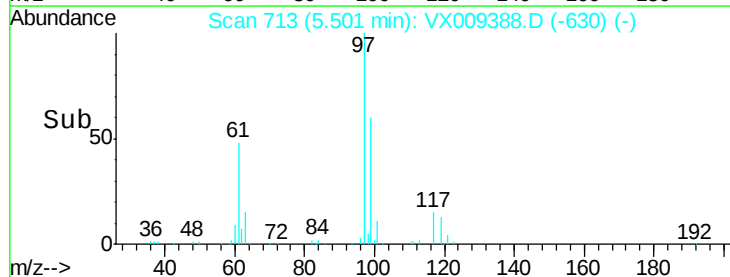
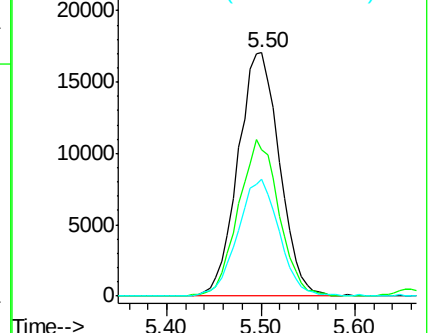
61 48.0 38.6 58.0

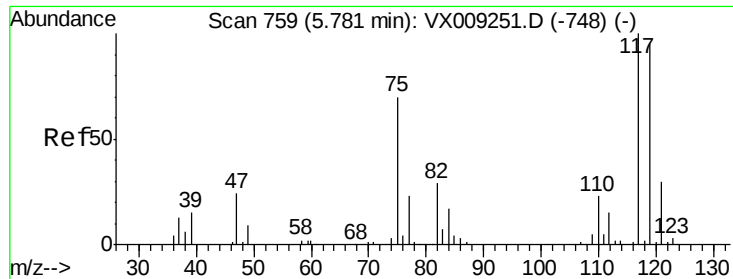


Abundance Ion 97.00 (96.70 to 97.70): VX0

Ion 99.00 (98.70 to 99.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#33

Carbon Tetrachloride

Concen: 19.263 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

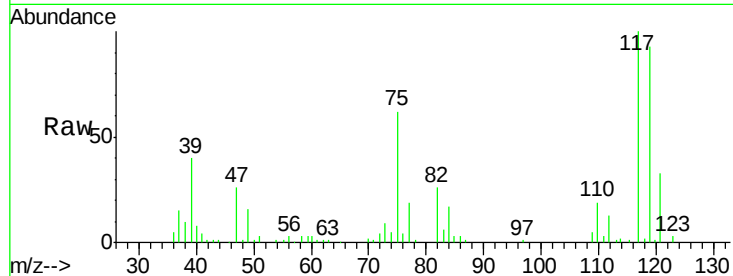
Tot Ion:117 Resp: 42862

Ion Ratio Lower Upper

117 100

119 93.1 76.1 114.1

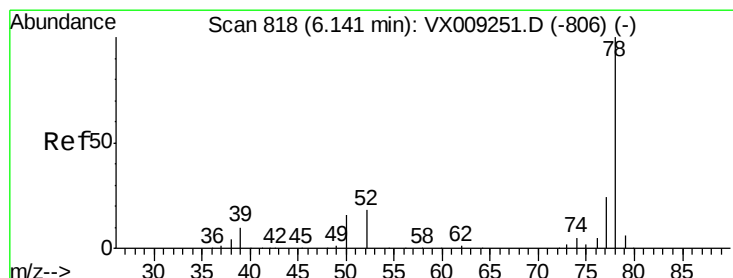
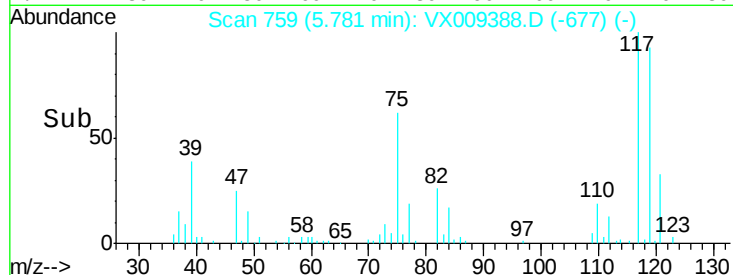
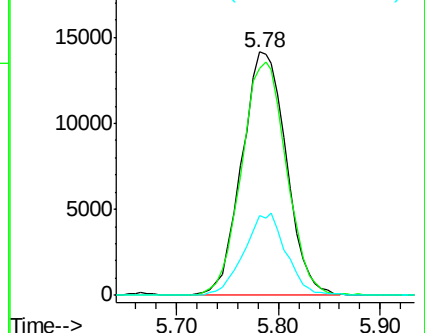
121 32.5 24.4 36.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.409 ug/l

RT: 6.14 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

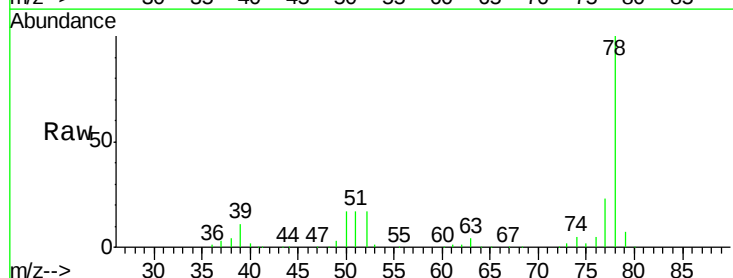
Tgt Ion: 78 Resp: 146793

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

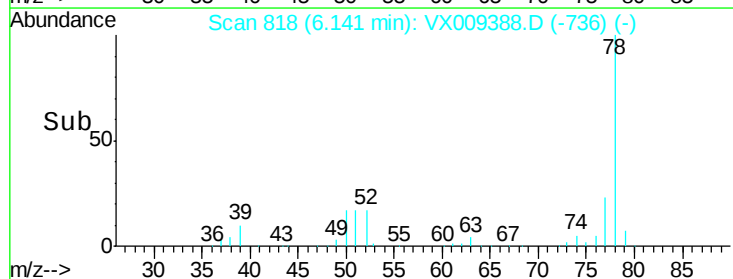
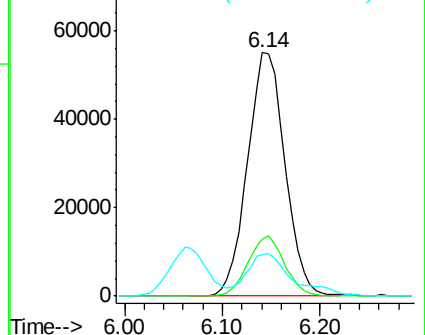
51 15.6 13.5 20.3

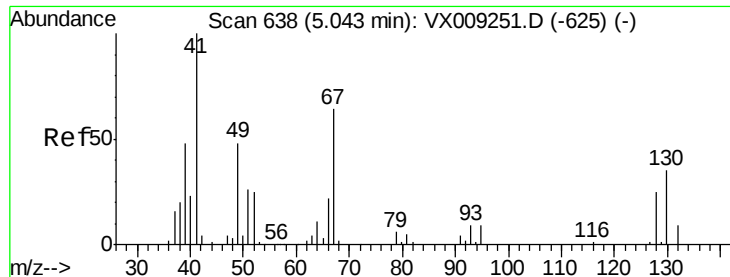


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

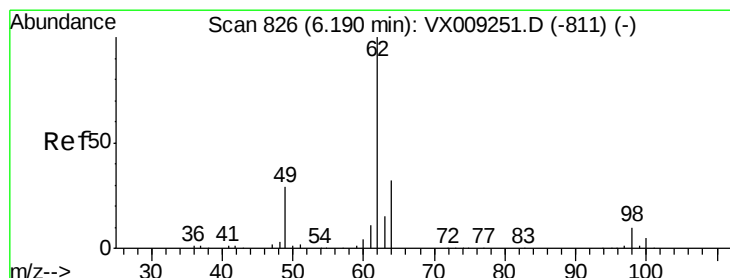
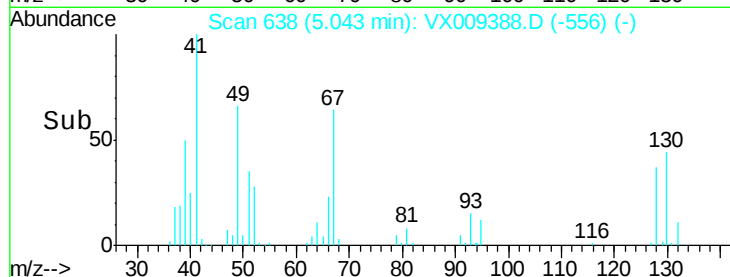
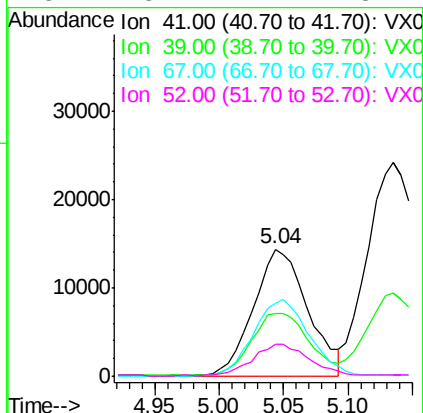
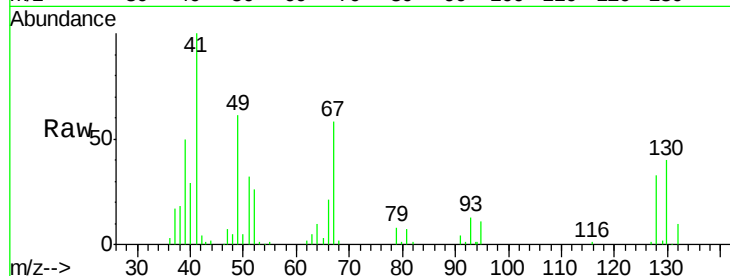




#35
Methacrylonitrile
Concen: 20.858 ug/l
RT: 5.04 min Scan# 638
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

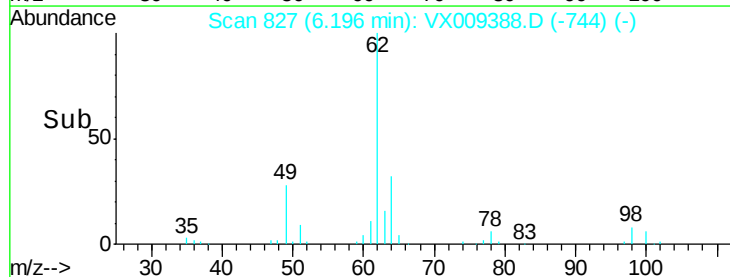
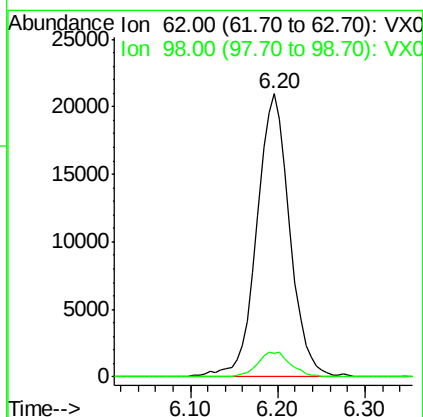
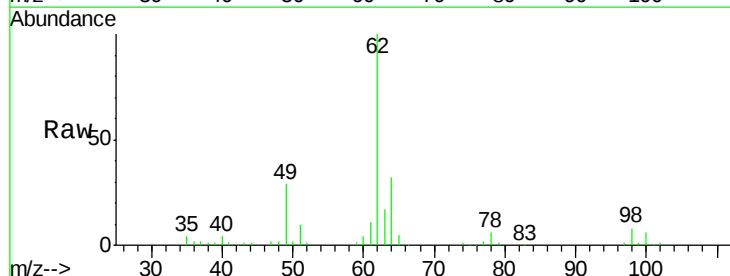
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

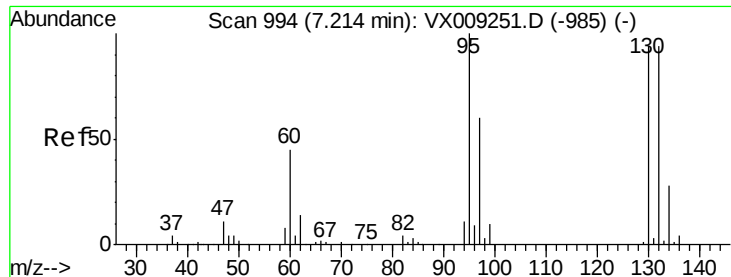
Tot Ion:	41	Resp:	41925
Ion	Ratio	Lower	Upper
41	100		
39	49.3	24.1	72.3
67	58.0	32.2	96.6
52	25.2	12.4	37.4



#36
1,2-Dichloroethane
Concen: 20.050 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion:	62	Resp:	55022
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.4	11.2

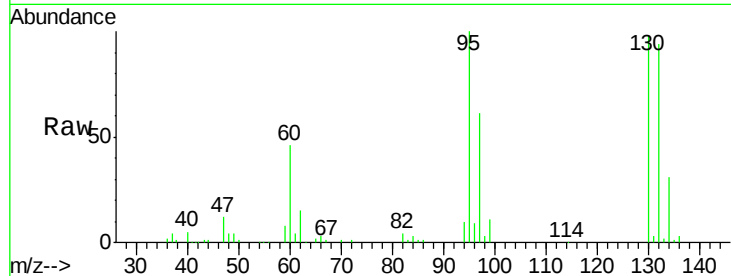




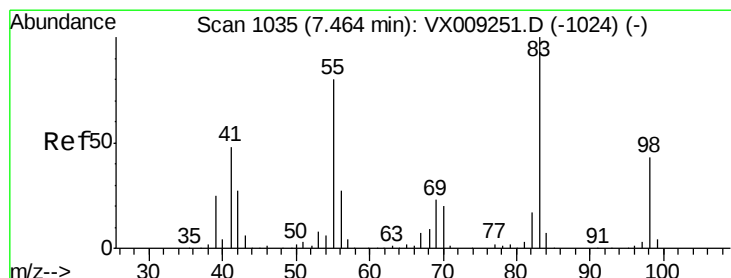
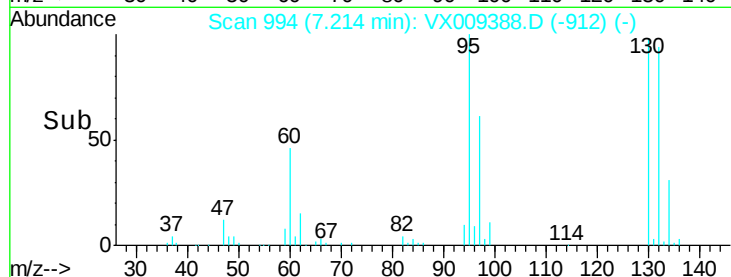
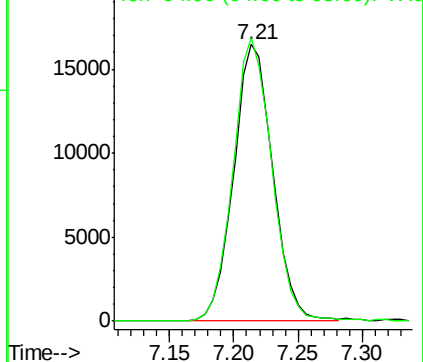
#37
 Trichloroethene
 Concen: 19.029 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

Tot Ion:130 Resp: 34644
 Ion Ratio Lower Upper
 130 100
 95 102.0 85.0 127.4

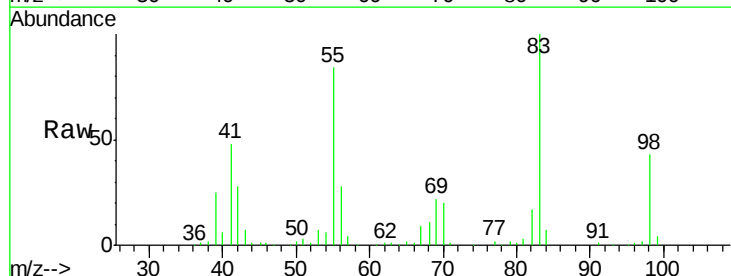


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VX0

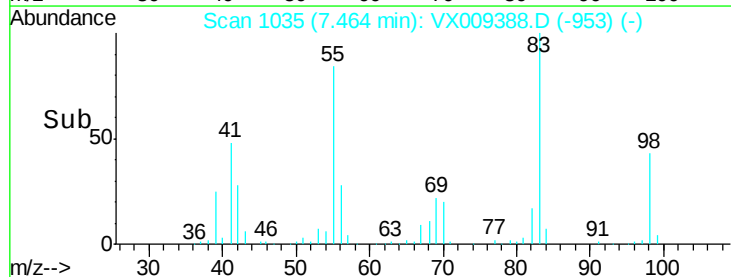
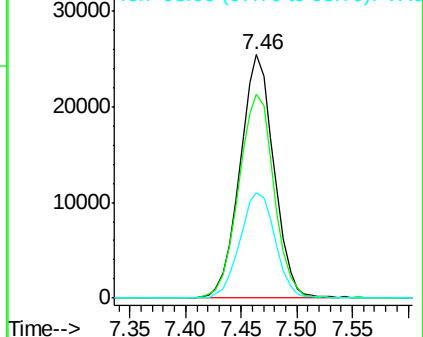


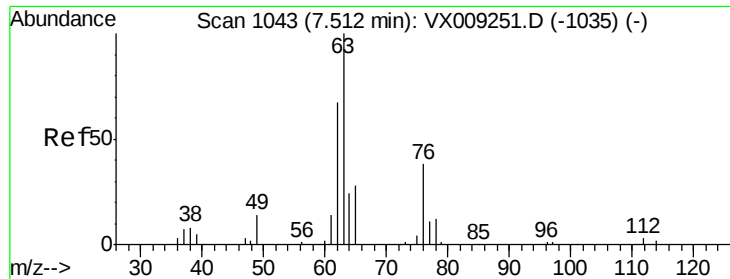
#38
 Methylcyclohexane
 Concen: 17.781 ug/l
 RT: 7.46 min Scan# 1035
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion: 83 Resp: 53892
 Ion Ratio Lower Upper
 83 100
 55 86.8 43.0 129.2
 98 45.2 22.1 66.1



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: 19.412 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

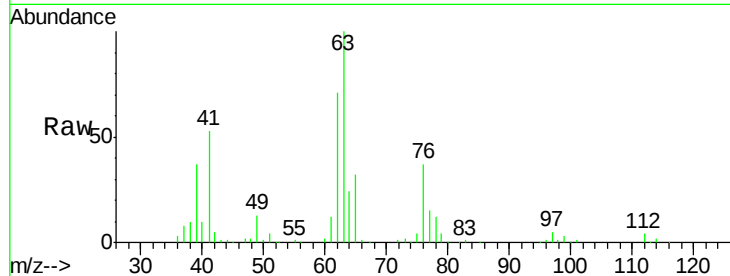
VSTDCCC020EC

Tot Ion: 63 Resp: 41808

Ion Ratio Lower Upper

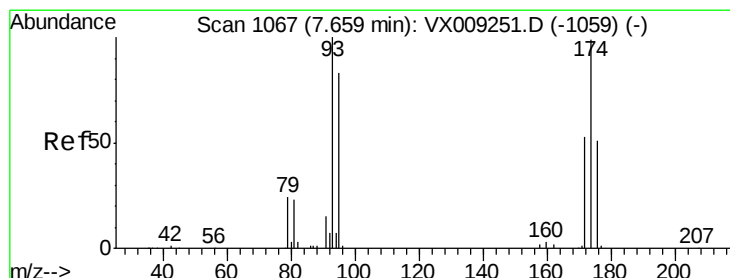
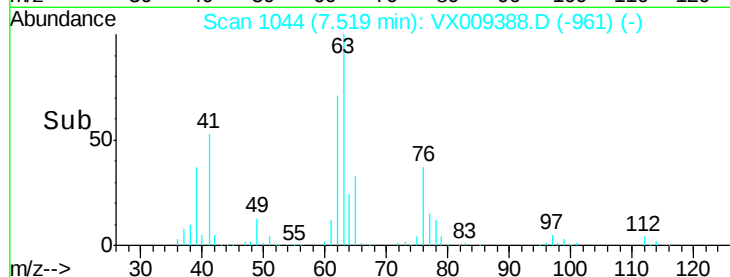
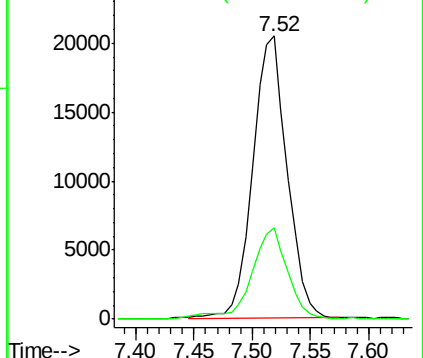
63 100

65 32.3 24.0 36.0



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 65.00 (64.70 to 65.70): VX0



#40

Dibromomethane

Concen: 19.913 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

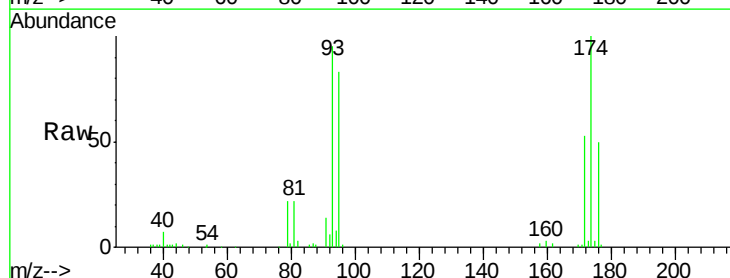
Tgt Ion: 93 Resp: 24341

Ion Ratio Lower Upper

93 100

95 84.6 0.0 167.2

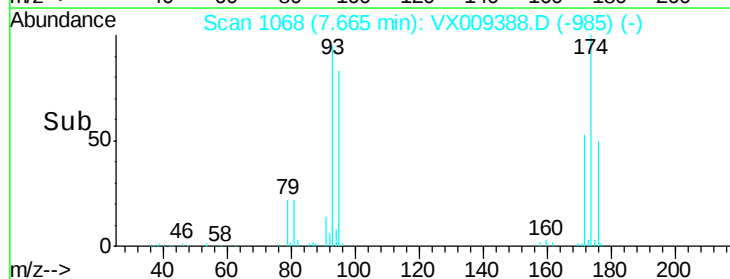
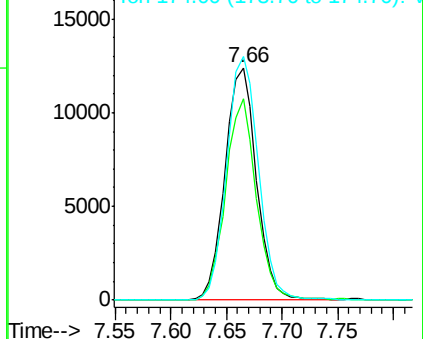
174 105.5 0.0 203.4

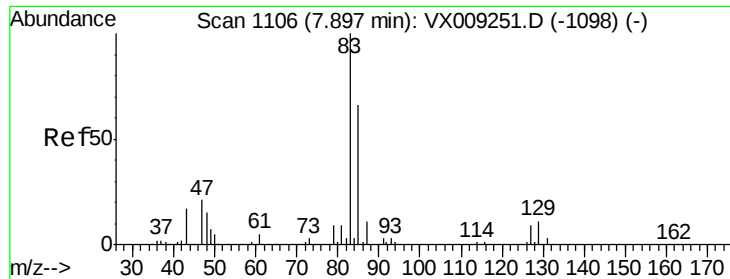


Abundance Ion 93.00 (92.70 to 93.70): VX0

Ion 95.00 (94.70 to 95.70): VX0

Ion 174.00 (173.70 to 174.70): V





#41

Bromodichloromethane

Concen: 19.721 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

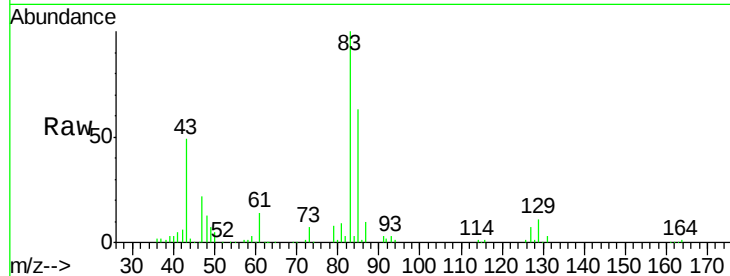
Tot Ion: 83 Resp: 49240

Ion Ratio Lower Upper

83 100

85 63.5 52.6 79.0

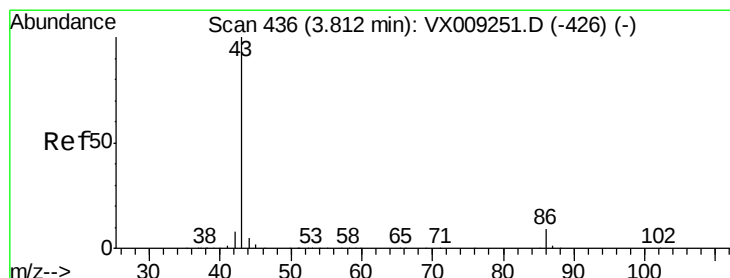
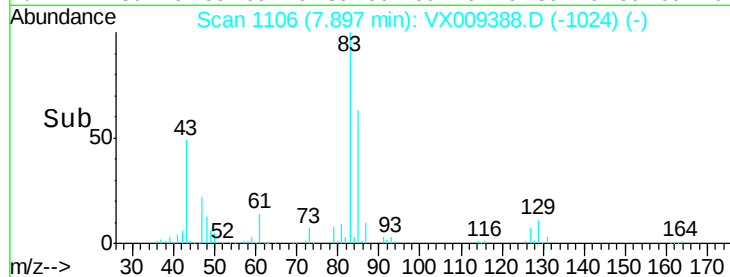
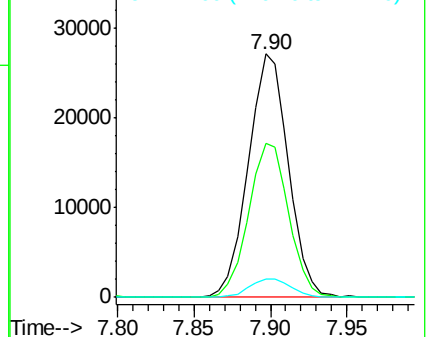
127 7.3 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 99.943 ug/l

RT: 3.82 min Scan# 437

Delta R.T. 0.01 min

Lab File: VX009388.D

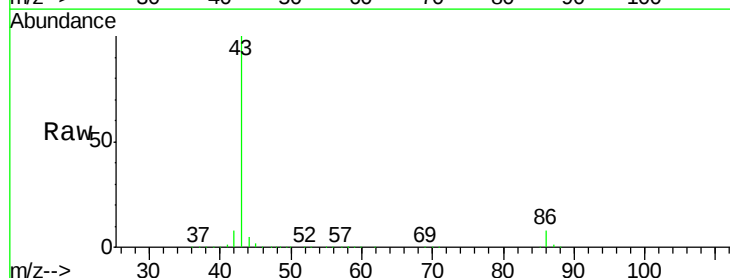
Acq: 07 May 2019 19:39

Tgt Ion: 43 Resp: 633715

Ion Ratio Lower Upper

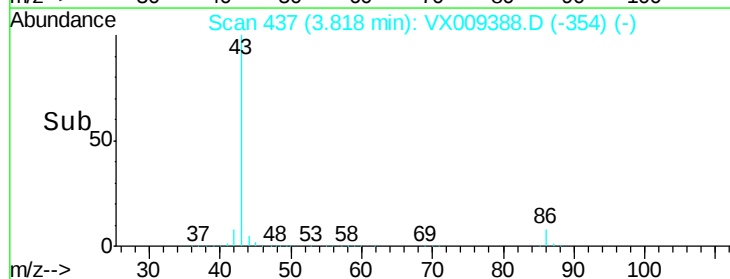
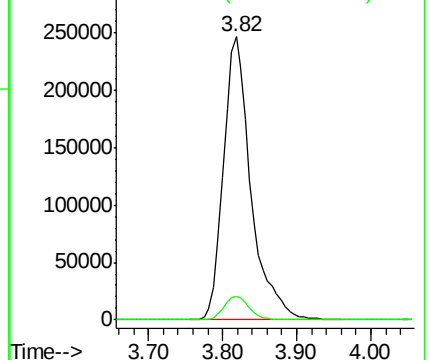
43 100

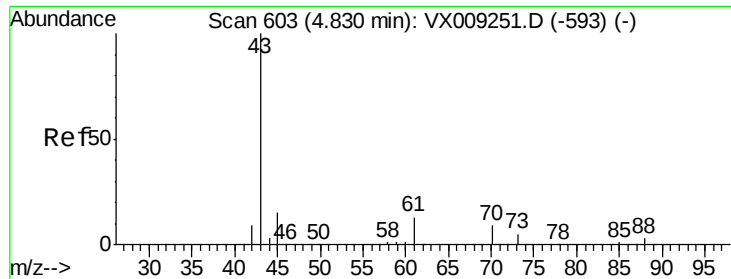
86 7.7 6.0 9.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 21.395 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

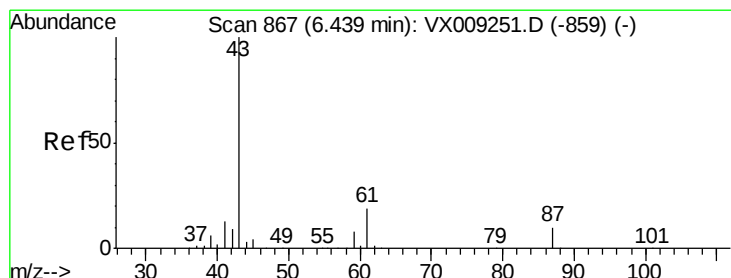
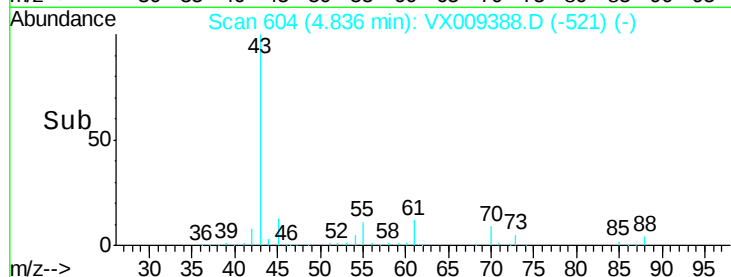
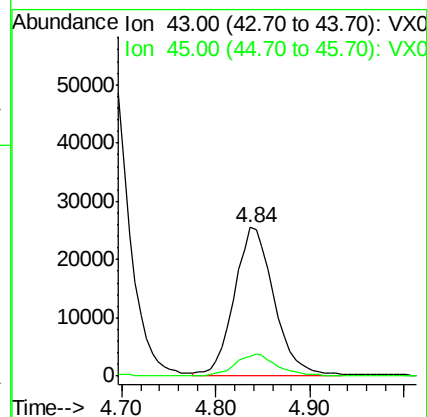
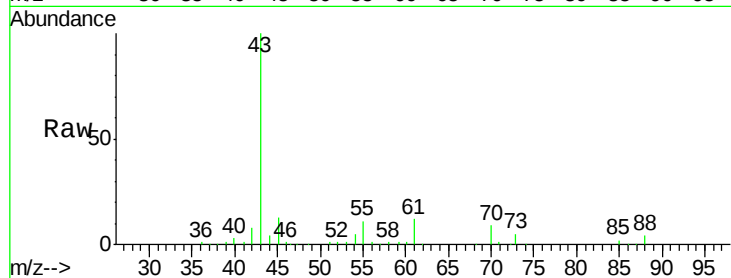
VSTDCCC020EC

Tot Ion: 43 Resp: 74273

Ion Ratio Lower Upper

43 100

45 14.8 11.8 17.8



#44

Isopropyl Acetate

Concen: 20.186 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX009388.D

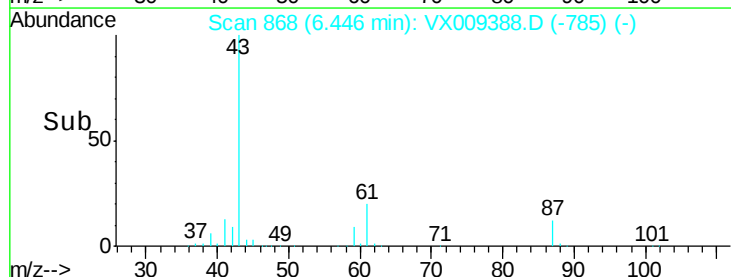
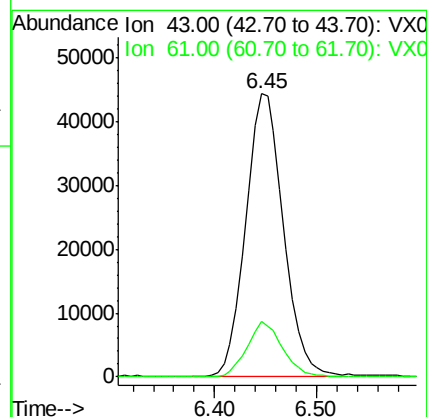
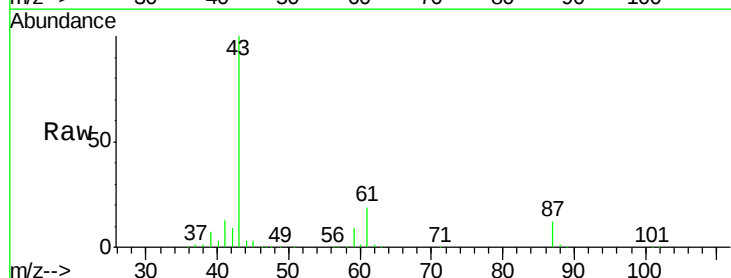
Acq: 07 May 2019 19:39

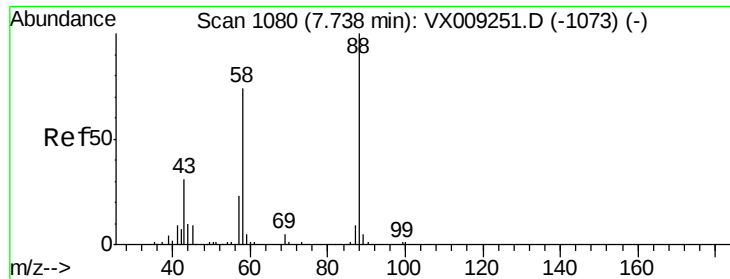
Tgt Ion: 43 Resp: 113522

Ion Ratio Lower Upper

43 100

61 18.5 15.4 23.2

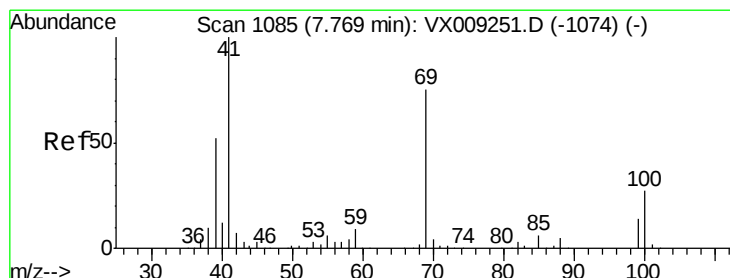
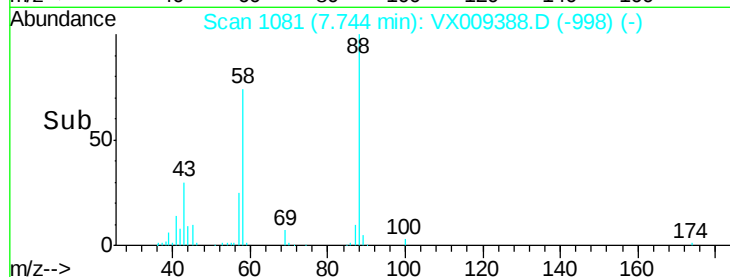
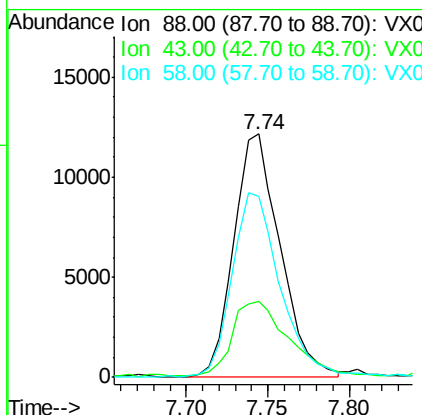
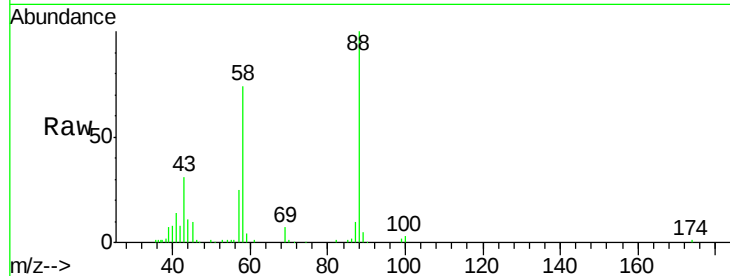




#45
 1,4-Dioxane
 Concen: 436.715 ug/l
 RT: 7.74 min Scan# 1081
 Delta R.T. 0.01 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

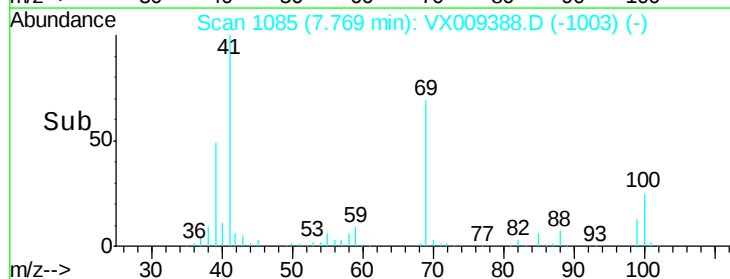
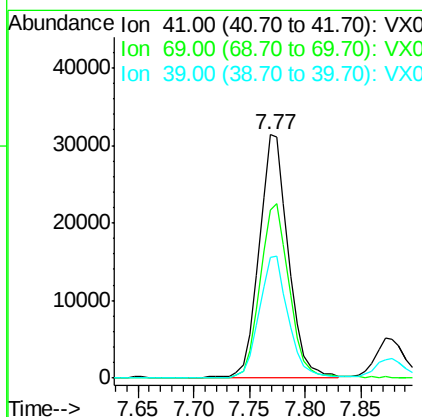
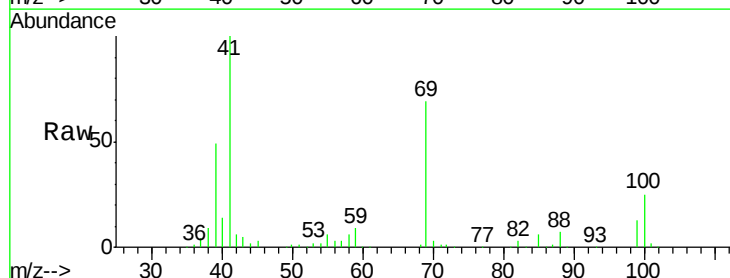
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

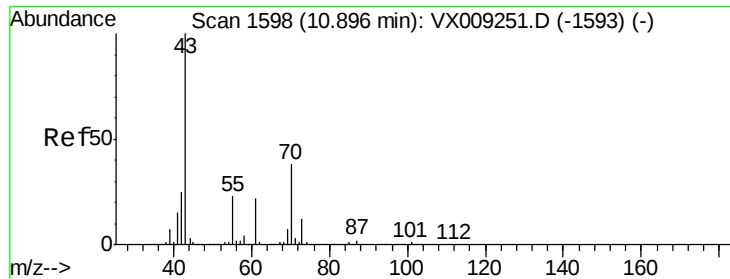
Tot Ion: 88 Resp: 24113
 Ion Ratio Lower Upper
 88 100
 43 37.1 28.5 42.7
 58 78.3 62.5 93.7



#46
 Methyl methacrylate
 Concen: 20.334 ug/l
 RT: 7.77 min Scan# 1085
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion: 41 Resp: 57077
 Ion Ratio Lower Upper
 41 100
 69 69.4 37.6 112.8
 39 49.1 25.8 77.3





#47

n-amvl Acetate

Concen: 19.603 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

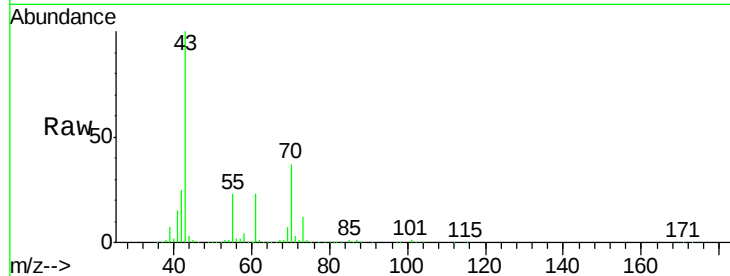
VSTDCCC020EC

Tot Ion: 43 Resp: 99314

Ion Ratio Lower Upper

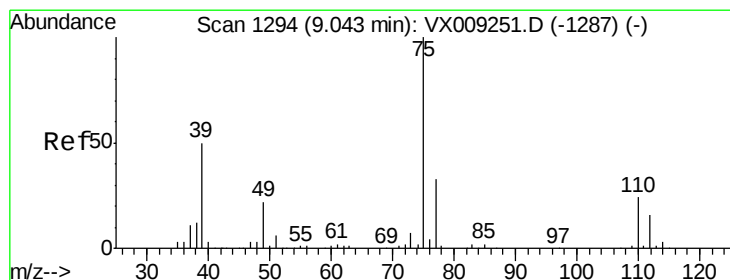
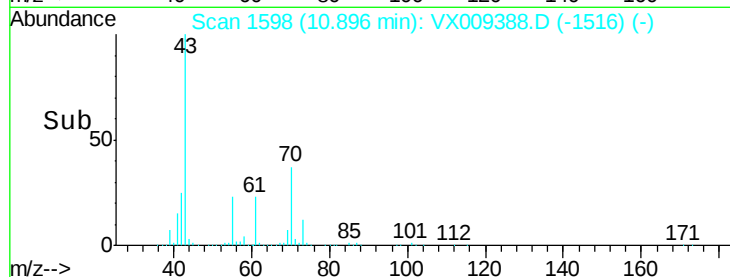
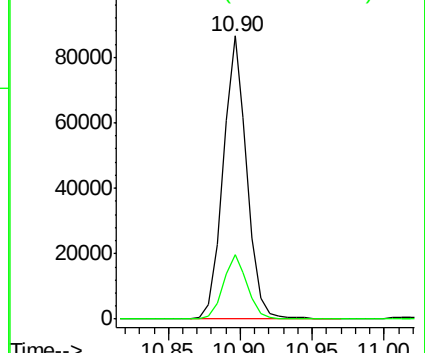
43 100

55 23.0 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#48

t-1,3-Dichloropropene

Concen: 19.078 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX009388.D

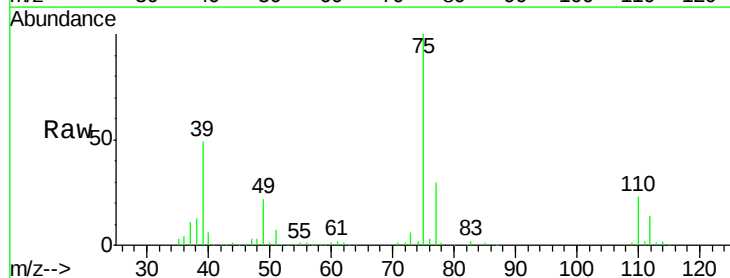
Acq: 07 May 2019 19:39

Tgt Ion: 75 Resp: 55581

Ion Ratio Lower Upper

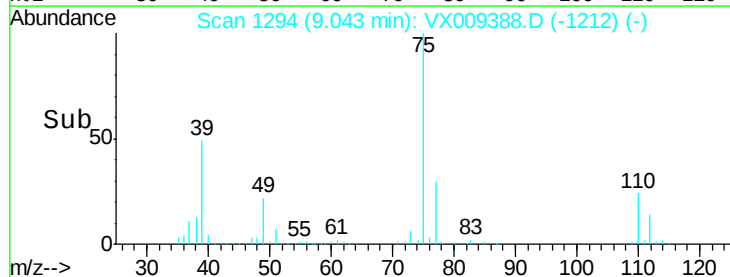
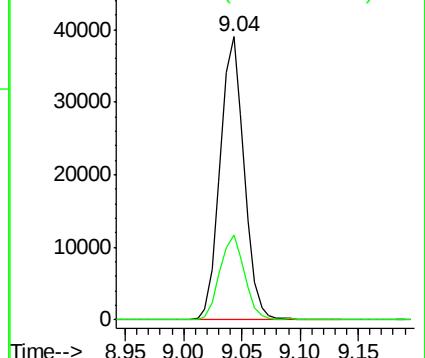
75 100

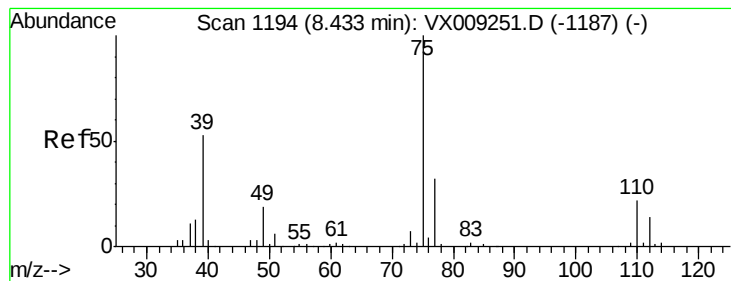
77 30.2 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



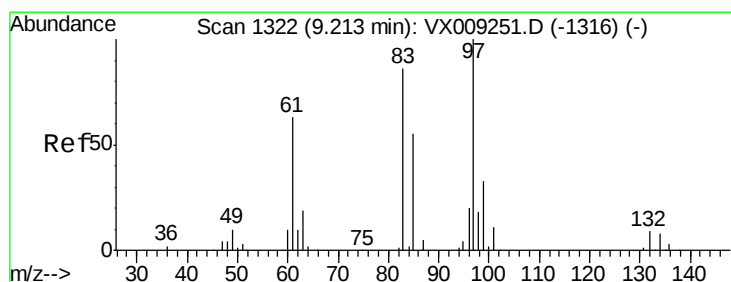
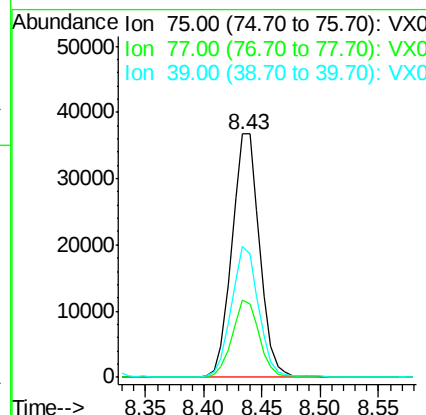
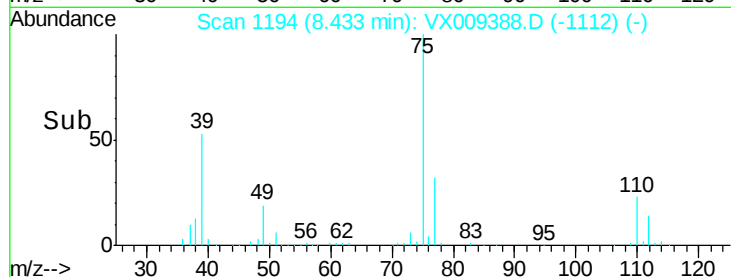
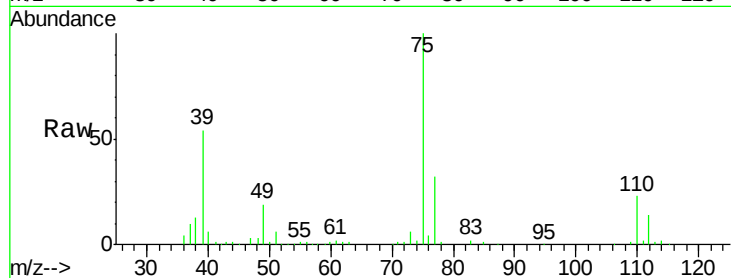


#49

cis-1,3-Dichloropropene
 Concen: 19.028 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

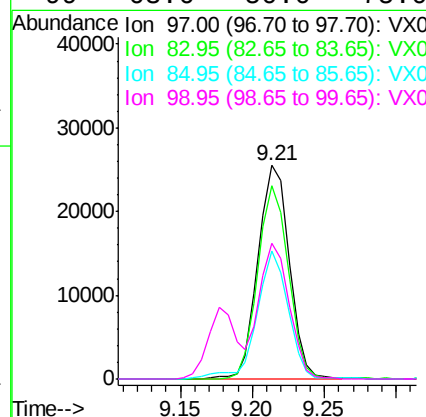
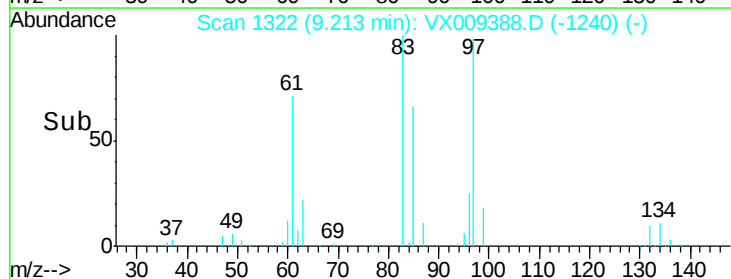
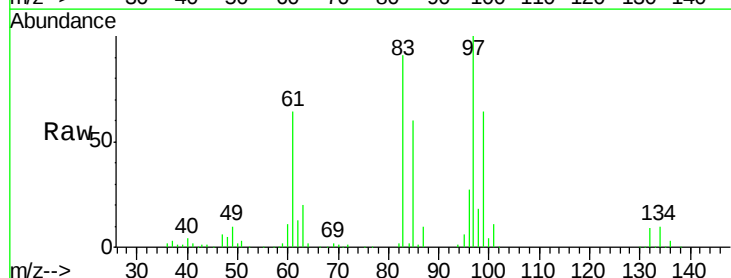
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	26.0	39.0
39	53.6	42.6	63.8

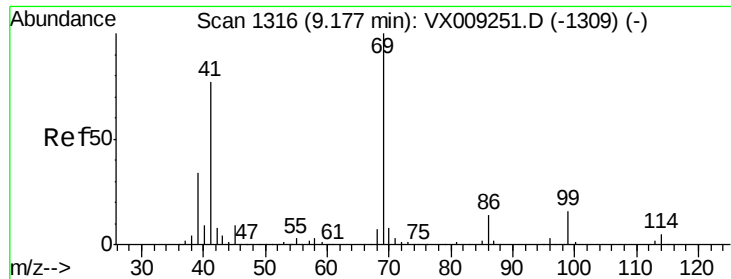


#50

1,1,2-Trichloroethane
 Concen: 20.536 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion	Ratio	Lower	Upper
97	100		
83	90.7	68.8	103.2
85	59.5	45.8	68.6
99	63.6	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.724 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

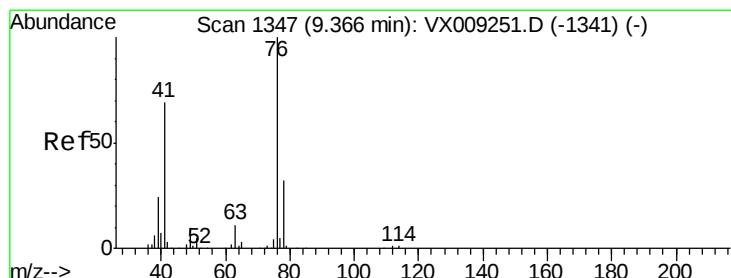
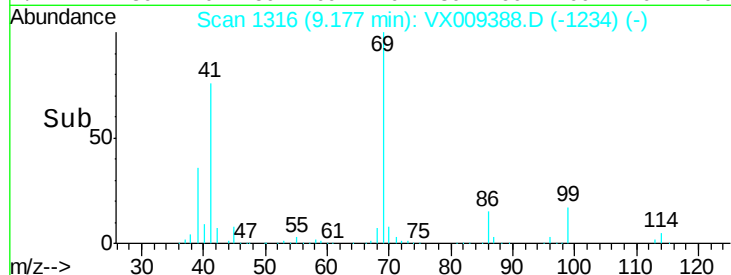
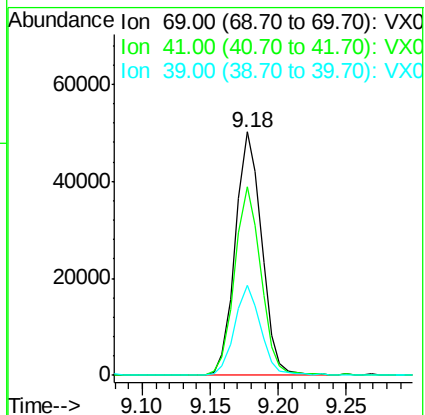
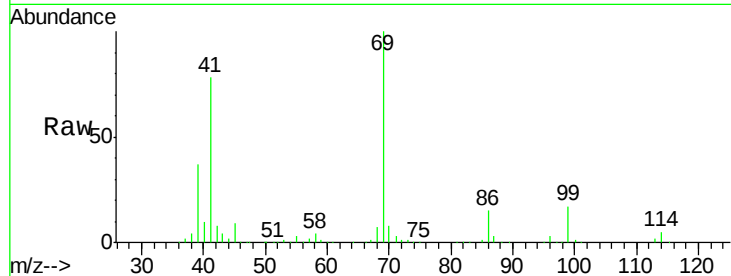
Tot Ion: 69 Resp: 68261

Ion Ratio Lower Upper

69 100

41 77.4 38.4 115.2

39 36.9 17.2 51.5



#52

1,3-Dichloropropane

Concen: 20.105 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX009388.D

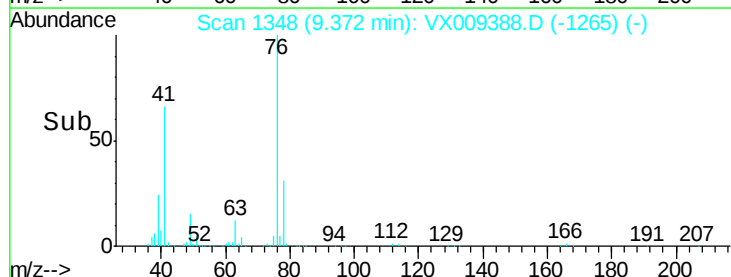
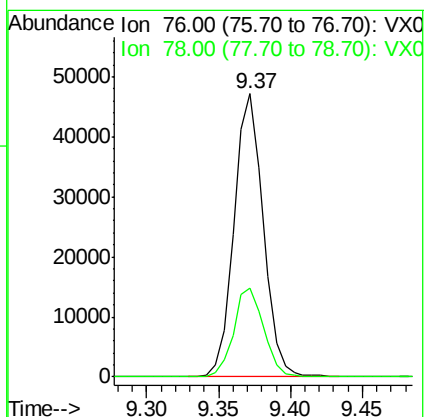
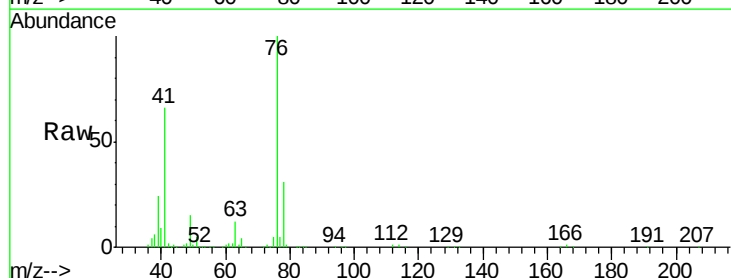
Acq: 07 May 2019 19:39

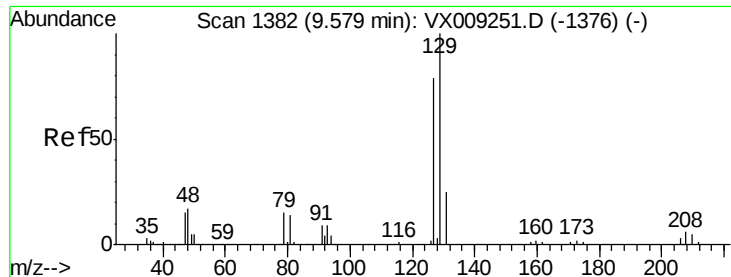
Tgt Ion: 76 Resp: 66823

Ion Ratio Lower Upper

76 100

78 32.4 0.0 64.2





#53

Dibromochloromethane

Concen: 19.797 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

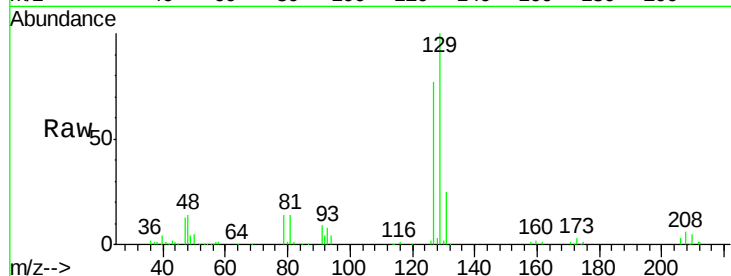
VSTDCCC020EC

Tot Ion:129 Resp: 36924

Ion Ratio Lower Upper

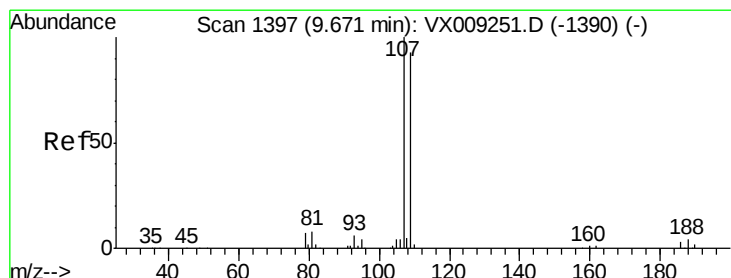
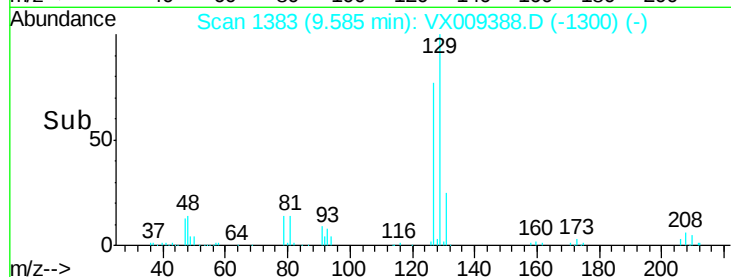
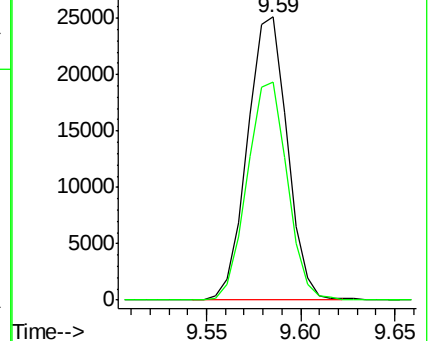
129 100

127 77.3 39.1 117.5



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 20.128 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009388.D

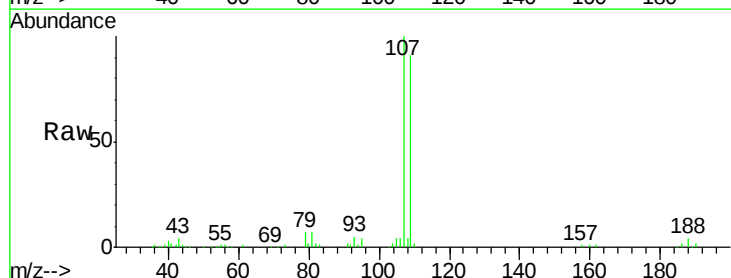
Acq: 07 May 2019 19:39

Tgt Ion:107 Resp: 38661

Ion Ratio Lower Upper

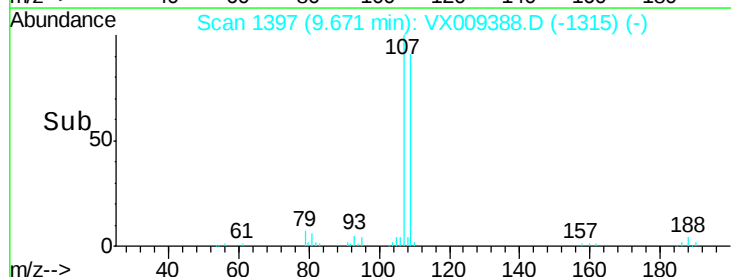
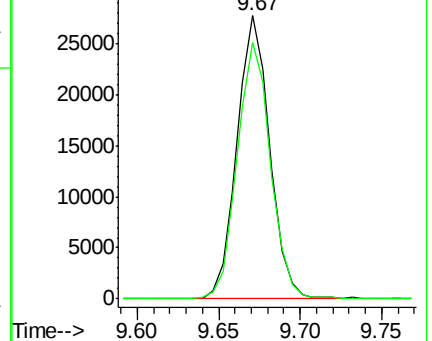
107 100

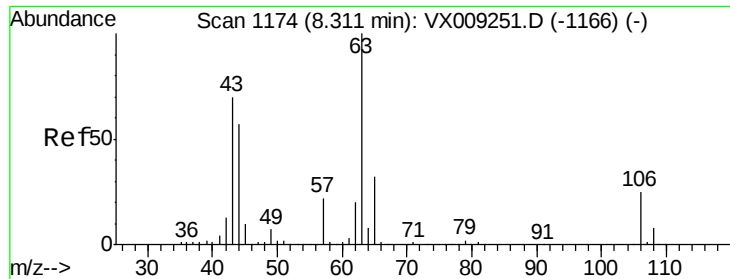
109 92.3 75.5 113.3



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

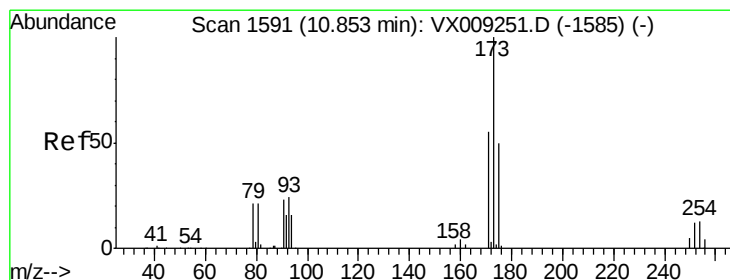
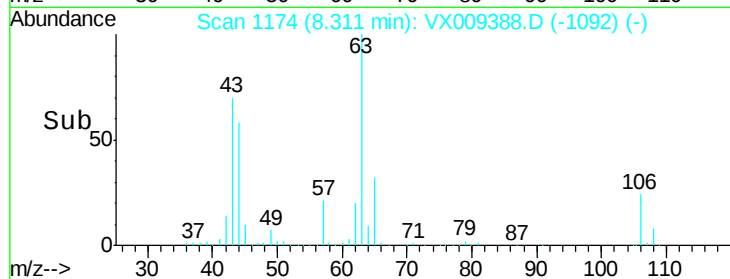
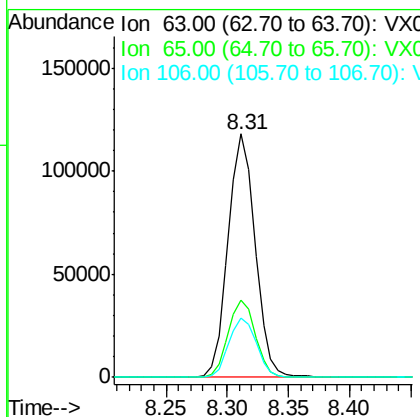
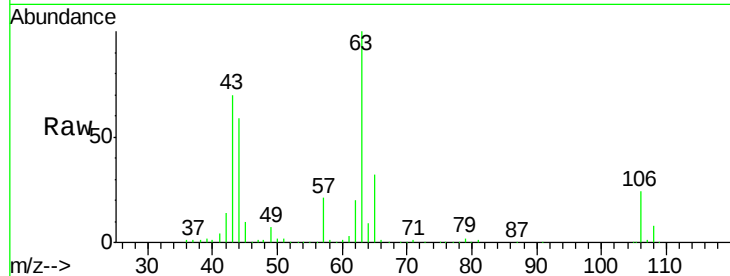




#55
2-Chloroethyl vinyl ether
Concen: 98.275 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

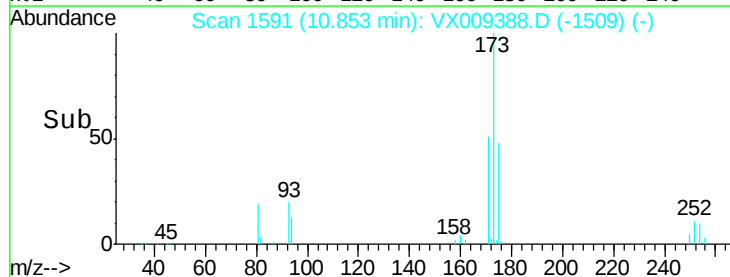
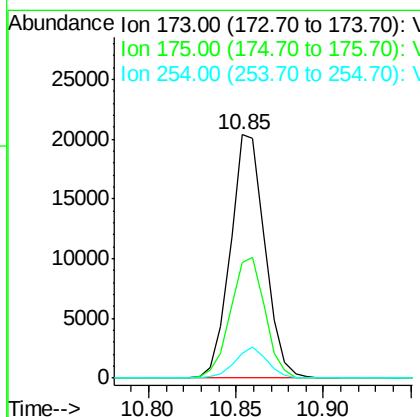
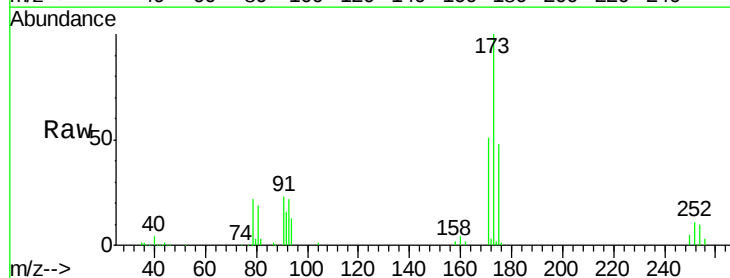
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

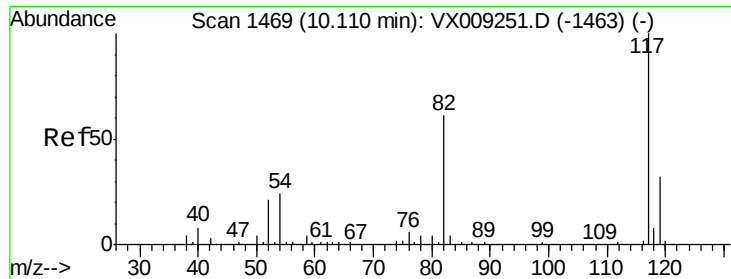
Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.8	38.6
106	24.9	19.8	29.6



#56
Bromoform
Concen: 19.474 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.5	39.4	59.2
254	12.0	9.9	14.9

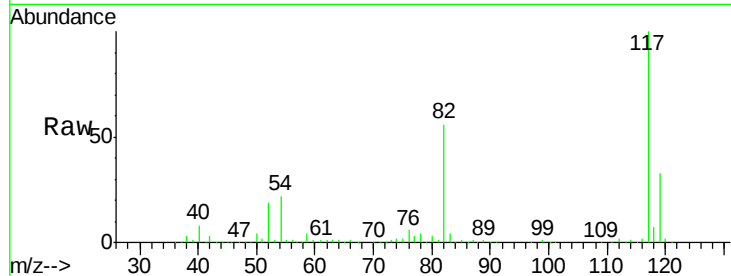




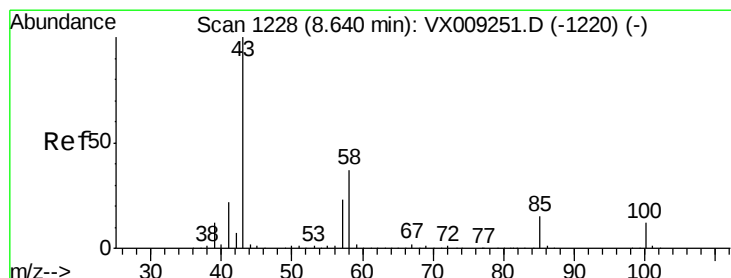
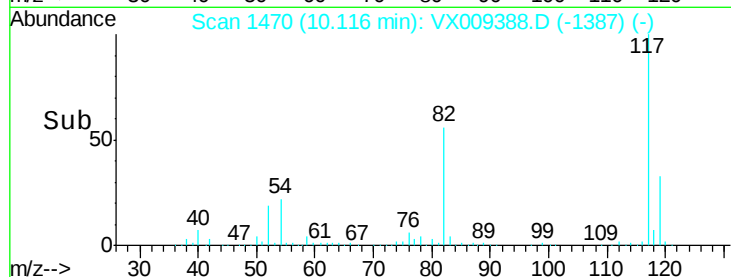
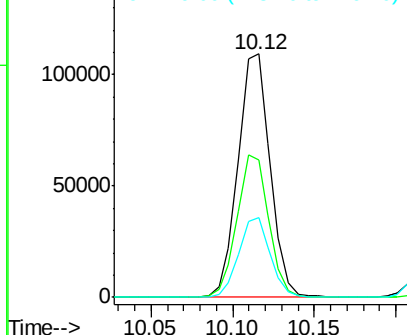
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

Tot Ion:117 Resp: 150173
Ion Ratio Lower Upper
117 100
82 58.0 47.8 71.8
119 32.1 25.6 38.4

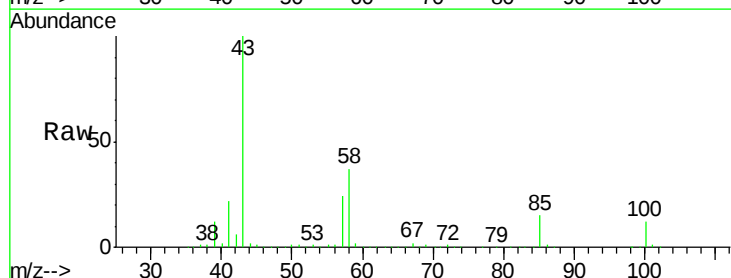


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 119.00 (118.70 to 119.70): V

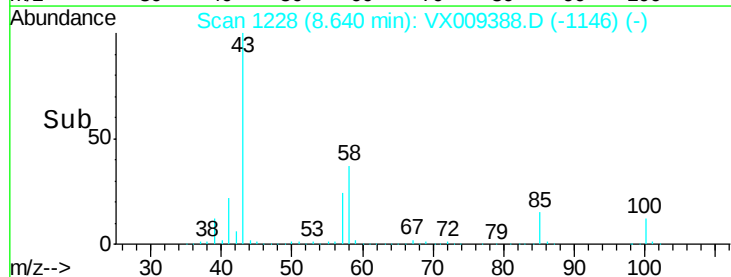
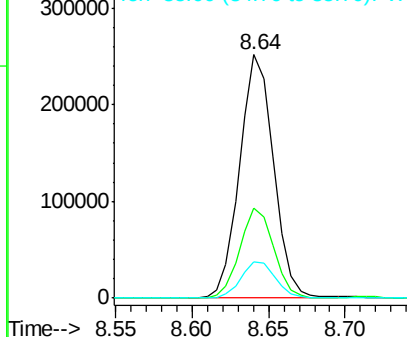


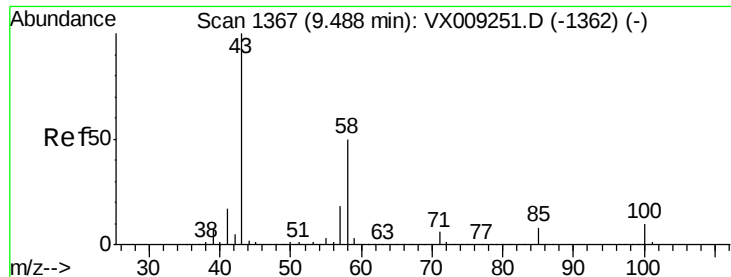
#58
4-Methyl-2-Pentanone
Concen: 104.964 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 43 Resp: 387586
Ion Ratio Lower Upper
43 100
58 36.7 29.4 44.0
85 15.2 11.8 17.8



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 85.00 (84.70 to 85.70): VX0

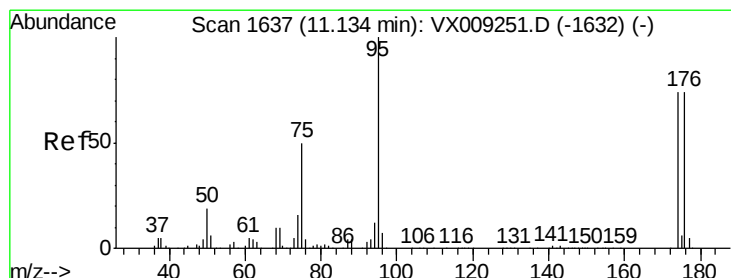
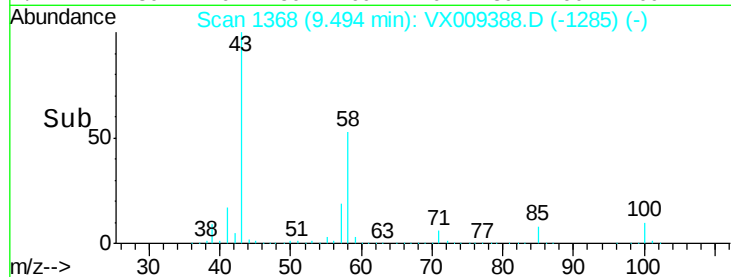
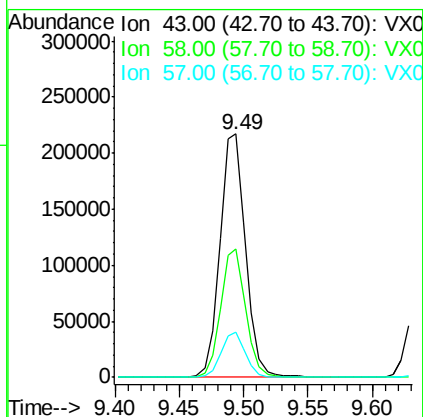
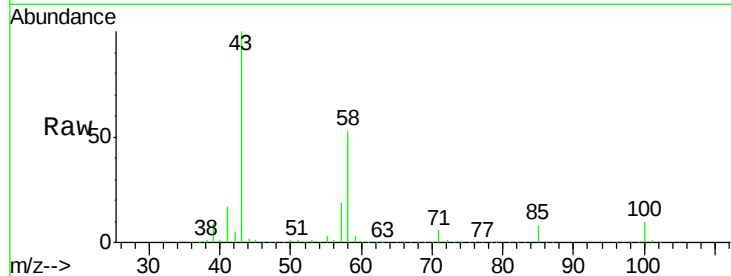




#59
2-Hexanone
Concen: 104.746 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

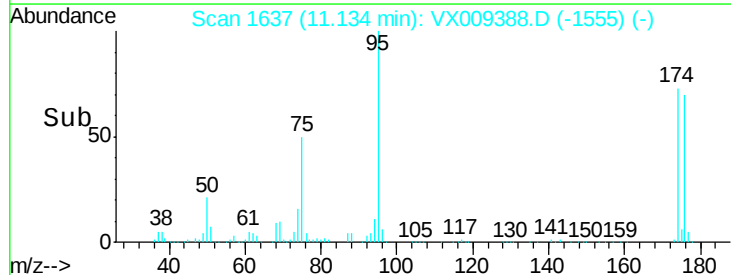
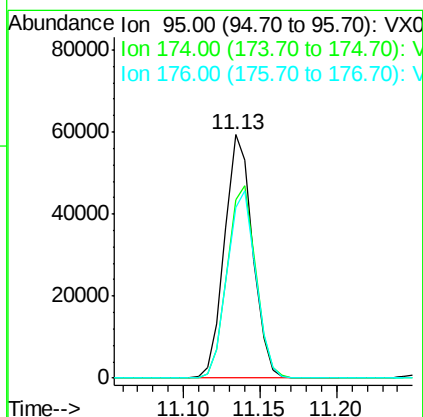
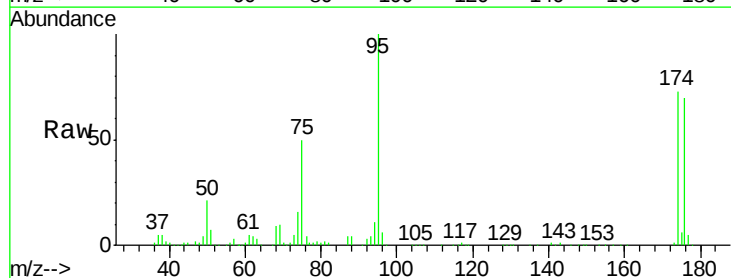
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

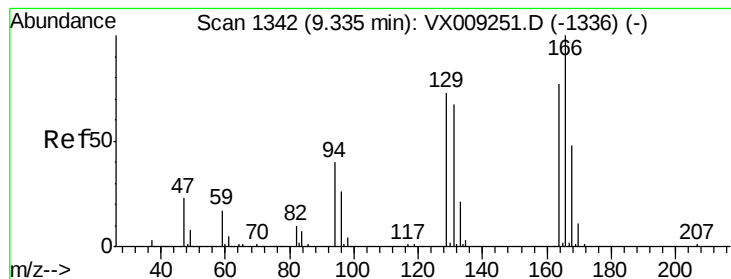
Tot Ion: 43 Resp: 303372
Ion Ratio Lower Upper
43 100
58 51.8 40.8 61.2
57 17.8 14.1 21.1



#60
4-Bromofluorobenzene
Concen: 29.695 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 95 Resp: 75776
Ion Ratio Lower Upper
95 100
174 80.2 63.6 95.4
176 78.5 62.4 93.6





#61

Tetrachloroethene

Concen: 18.877 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 31251

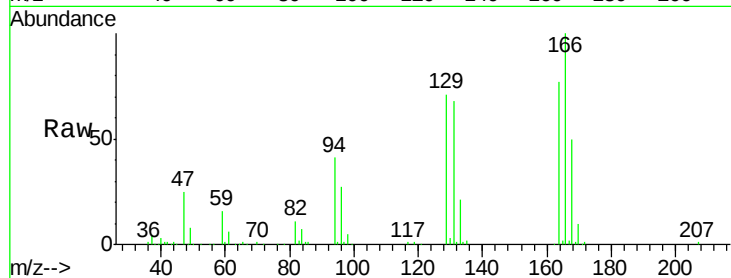
Ion Ratio Lower Upper

164 100

166 130.2 104.1 156.1

129 92.6 76.0 114.0

131 88.9 70.1 105.1

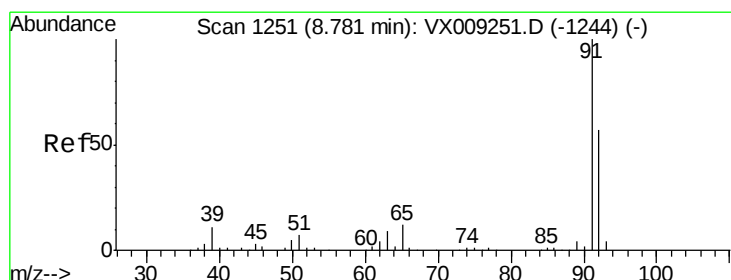
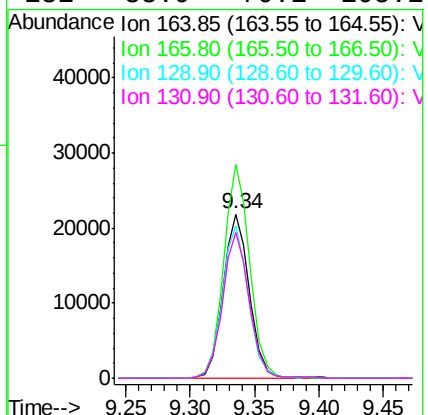
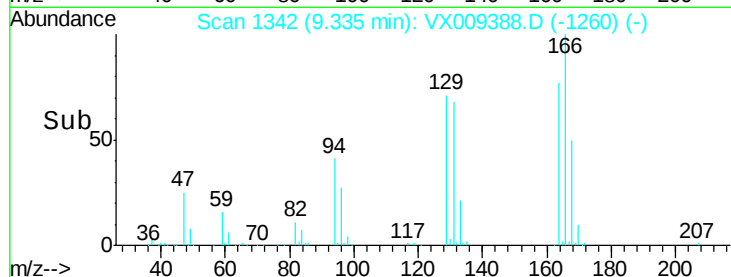


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 19.456 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.01 min

Lab File: VX009388.D

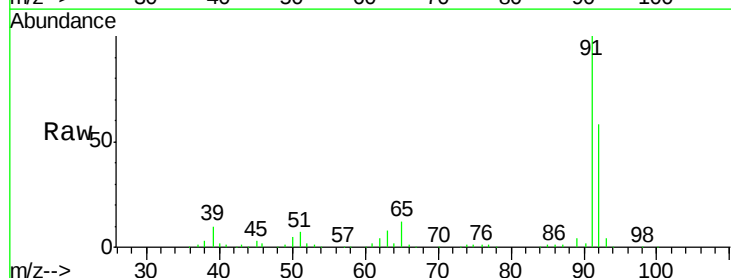
Acq: 07 May 2019 19:39

Tgt Ion: 91 Resp: 156127

Ion Ratio Lower Upper

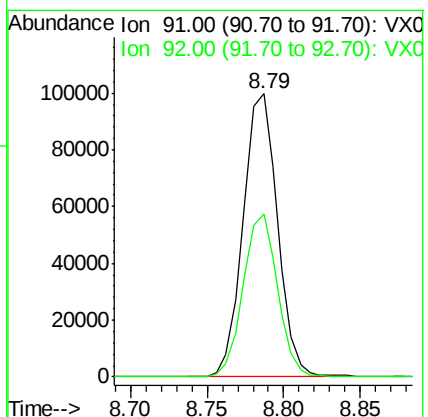
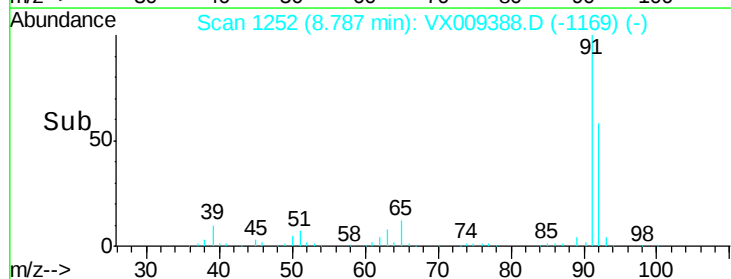
91 100

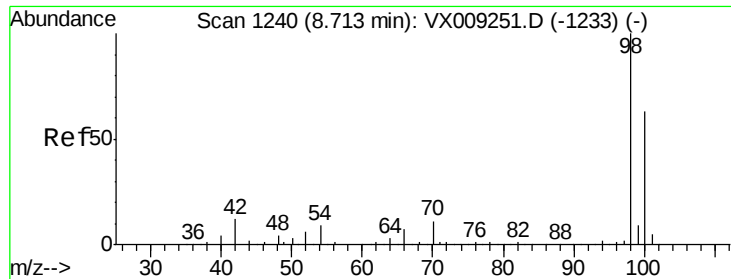
92 57.3 46.1 69.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.762 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

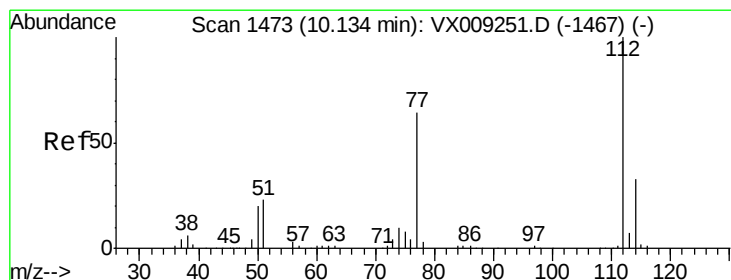
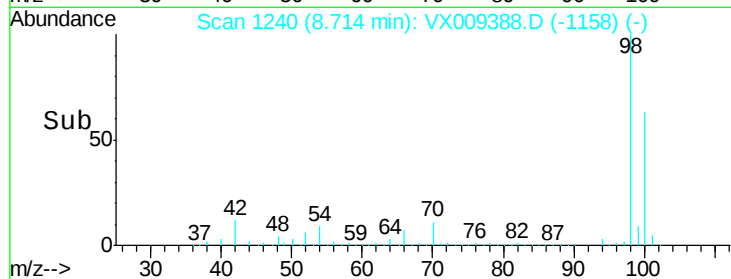
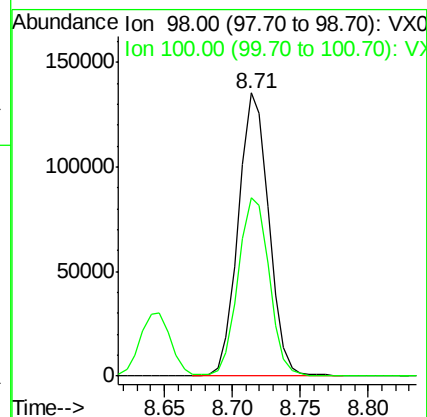
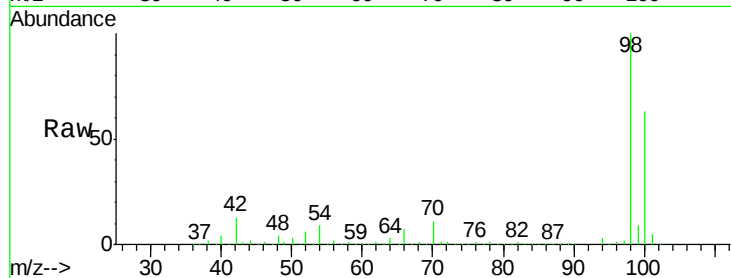
VSTDCCC020EC

Tot Ion: 98 Resp: 211897

Ion Ratio Lower Upper

98 100

100 63.8 52.3 78.5



#64

Chlorobenzene

Concen: 19.292 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.01 min

Lab File: VX009388.D

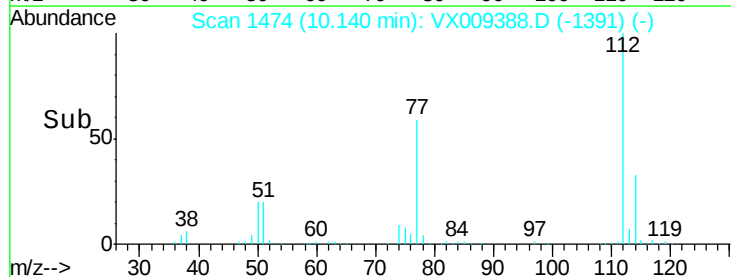
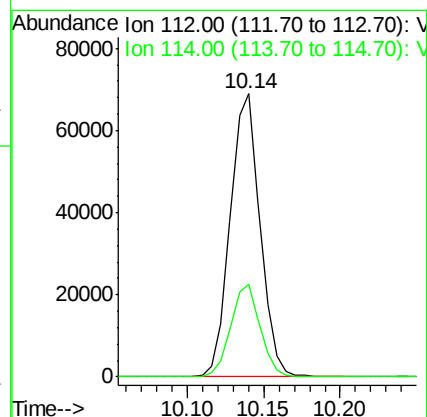
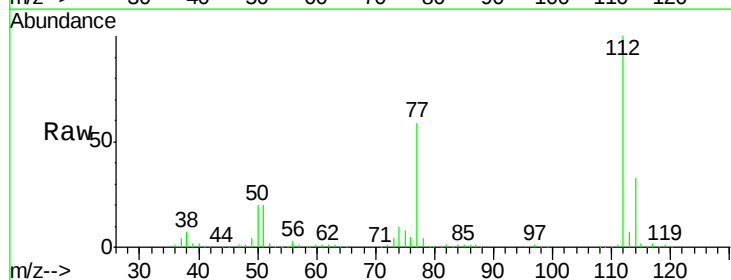
Acq: 07 May 2019 19:39

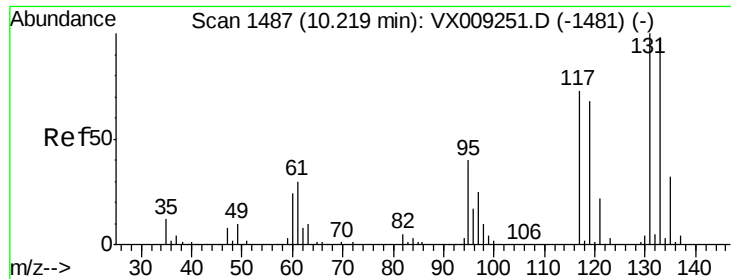
Tgt Ion: 112 Resp: 93168

Ion Ratio Lower Upper

112 100

114 32.8 26.2 39.2





#65

1,1,1,2-Tetrachloroethane

Concen: 19.737 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

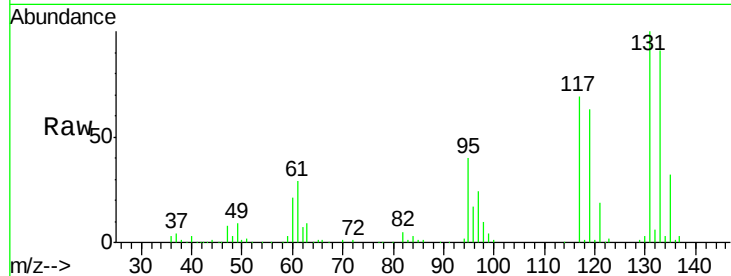
Tot Ion:131 Resp: 34901

Ion Ratio Lower Upper

131 100

133 93.4 0.0 191.2

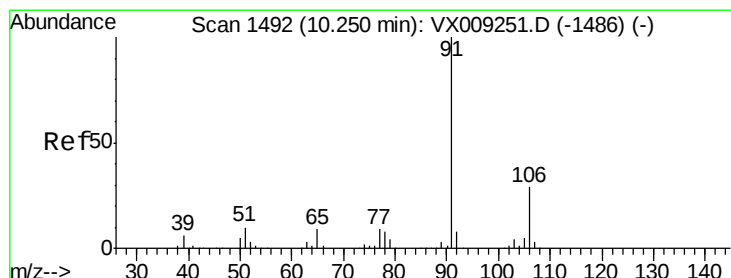
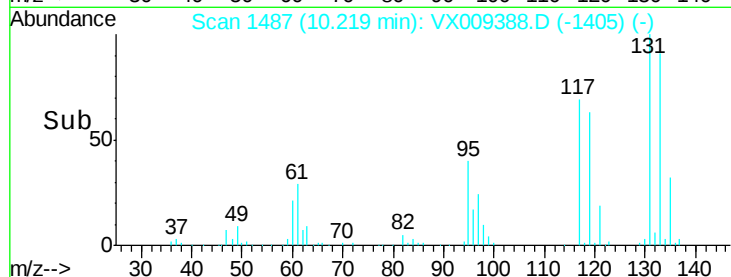
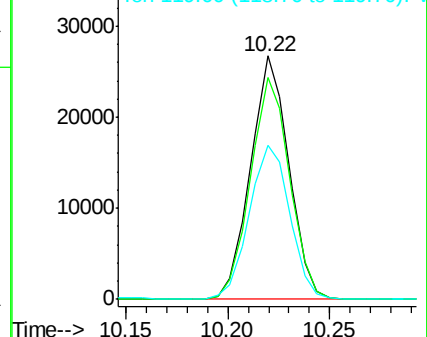
119 67.2 0.0 135.4



Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V



#66

Ethyl Benzene

Concen: 19.106 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009388.D

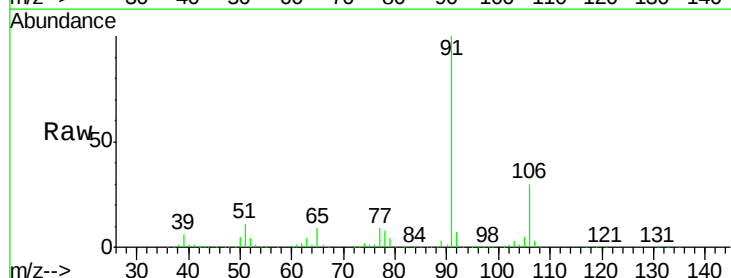
Acq: 07 May 2019 19:39

Tgt Ion: 91 Resp: 170799

Ion Ratio Lower Upper

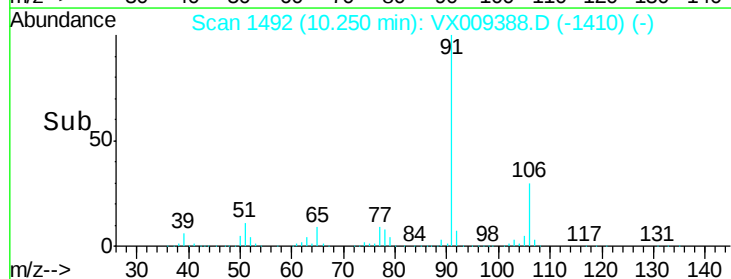
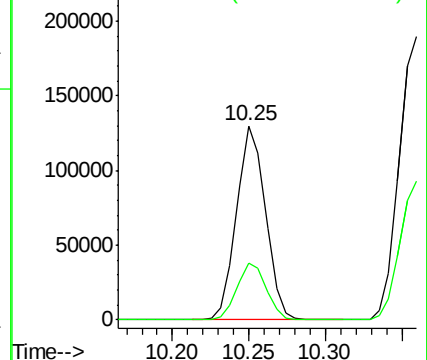
91 100

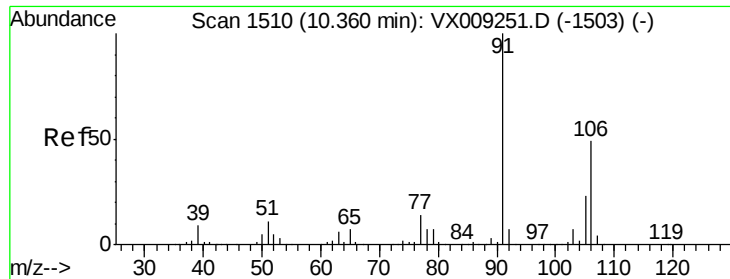
106 29.6 23.5 35.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

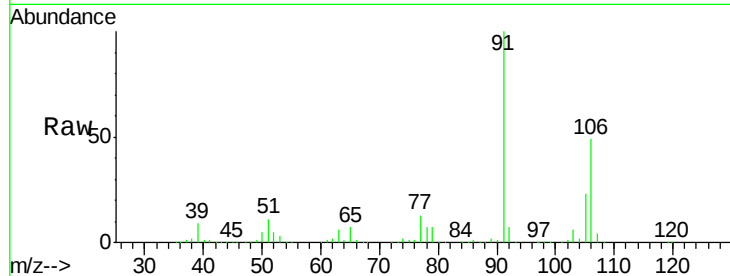




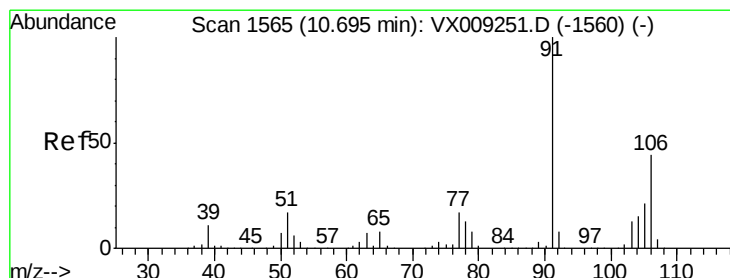
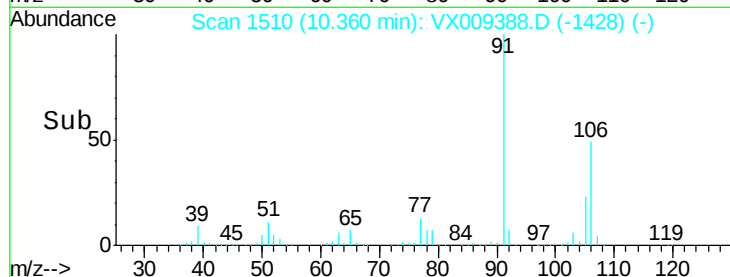
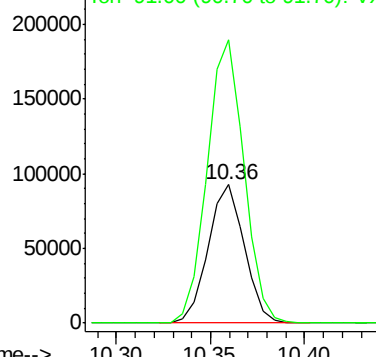
#67
m/p-Xylenes
Concen: 37.691 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

Tot Ion:106 Resp: 123019
Ion Ratio Lower Upper
106 100
91 209.5 166.8 250.2

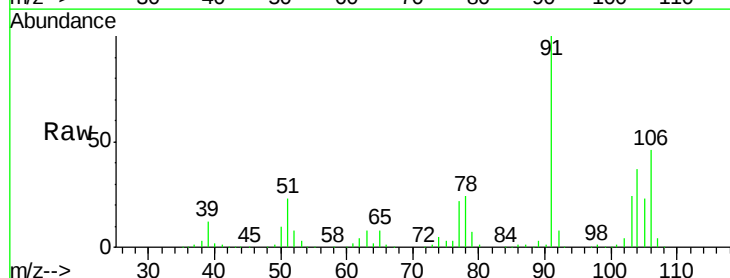


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

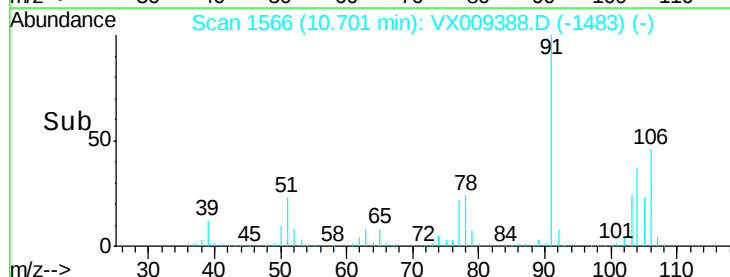
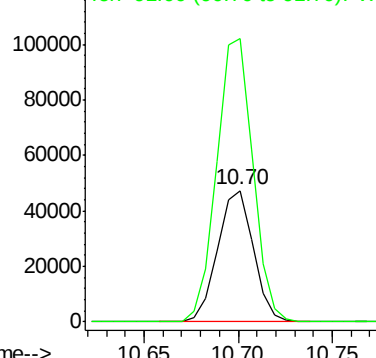


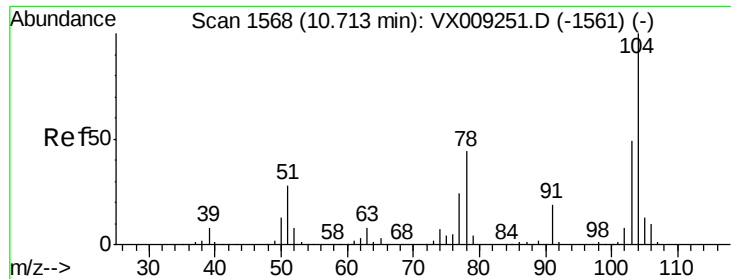
#68
o-Xylene
Concen: 19.412 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion:106 Resp: 62300
Ion Ratio Lower Upper
106 100
91 218.4 110.8 332.3



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

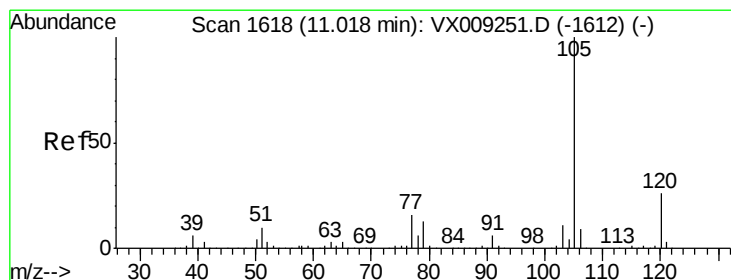
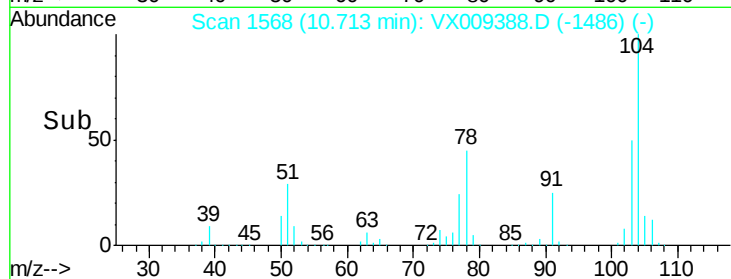
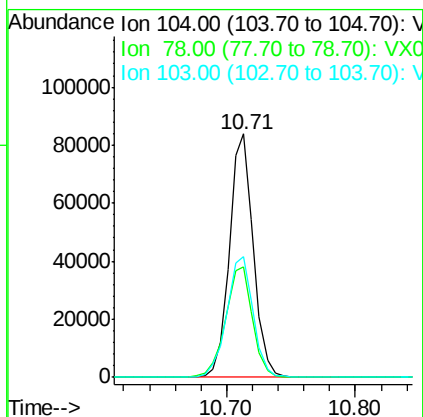
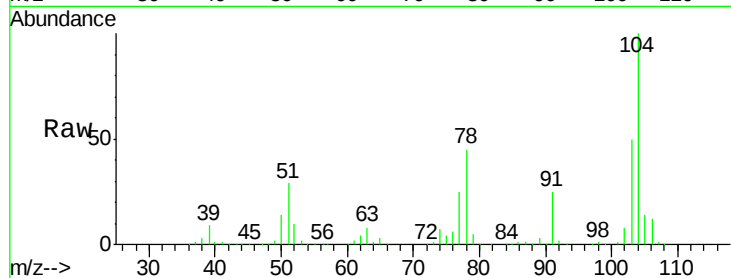




#69
Stvrene
Concen: 19.346 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

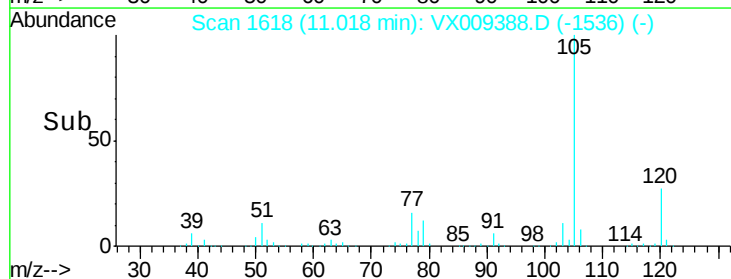
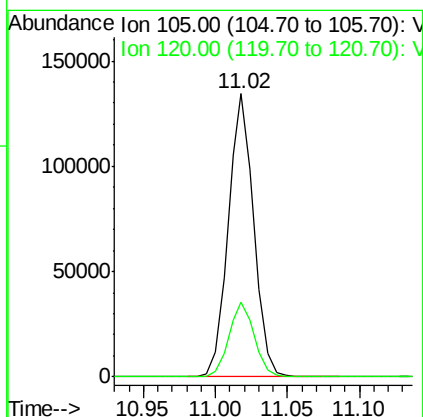
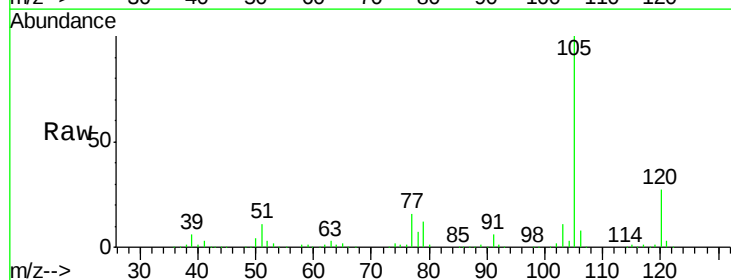
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

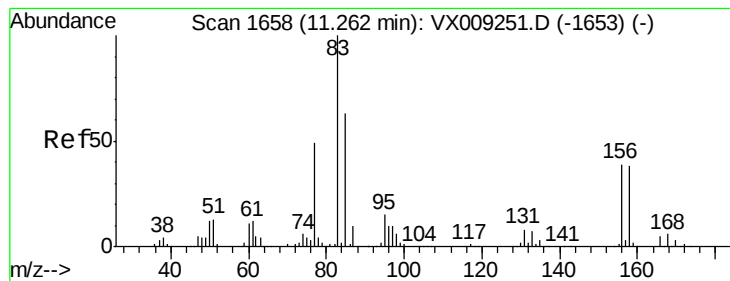
Tot Ion:104 Resp: 108993
Ion Ratio Lower Upper
104 100
78 51.3 41.1 61.7
103 54.9 43.8 65.8



#70
Isopropylbenzene
Concen: 19.312 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion:105 Resp: 166683
Ion Ratio Lower Upper
105 100
120 26.2 18.1 33.7





#71

1,1,2,2-Tetrachloroethane

Concen: 20.498 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

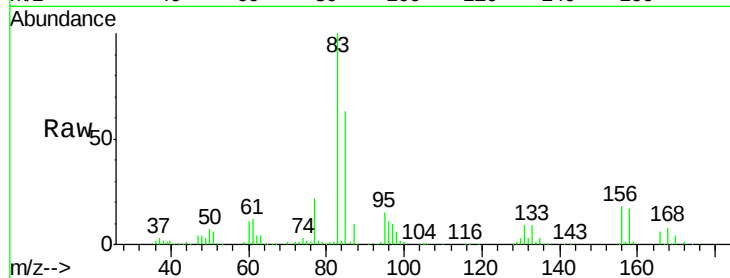
Tot Ion: 83 Resp: 64794

Ion Ratio Lower Upper

83 100

131 9.5 4.7 14.0

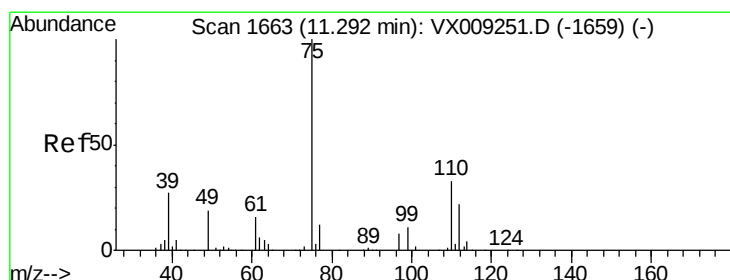
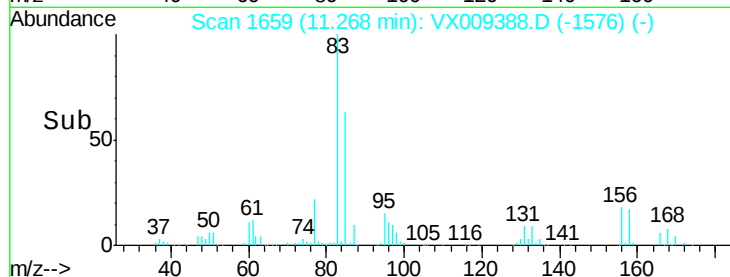
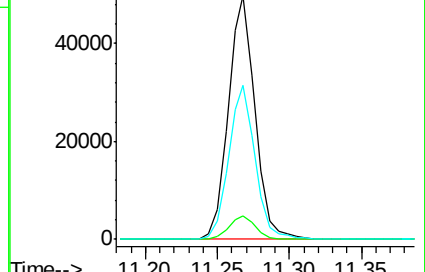
85 63.0 32.4 97.2



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 131.00 (130.70 to 131.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#72

1,2,3-Trichloropropane

Concen: 27.575 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009388.D

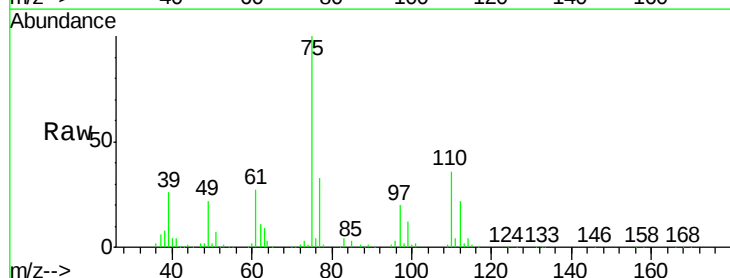
Acq: 07 May 2019 19:39

Tgt Ion: 75 Resp: 75114

Ion Ratio Lower Upper

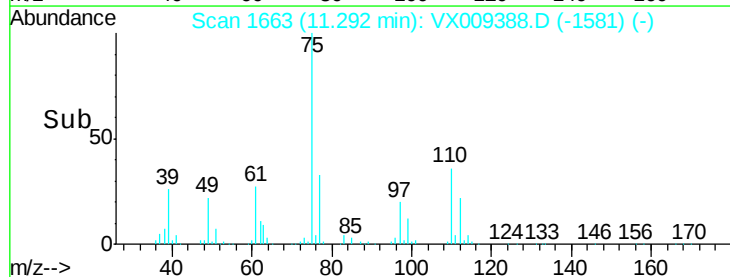
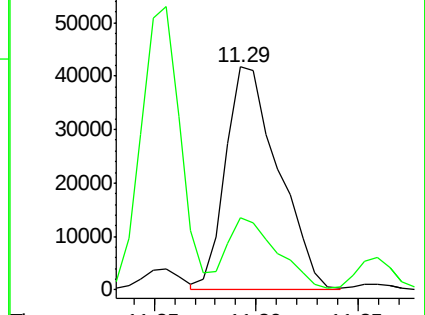
75 100

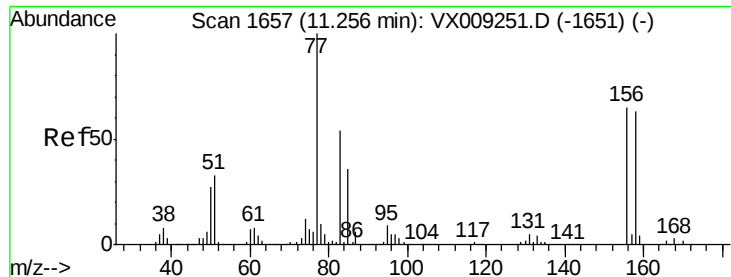
77 31.2 0.0 86.4



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#73

Bromobenzene

Concen: 19.366 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

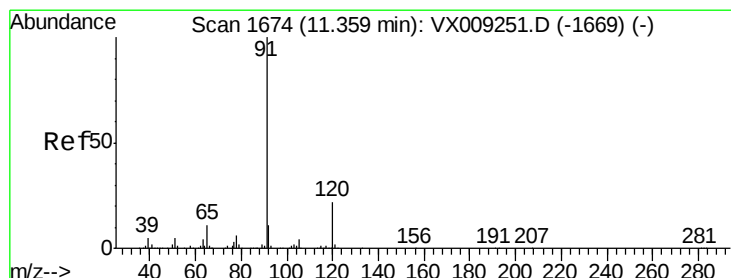
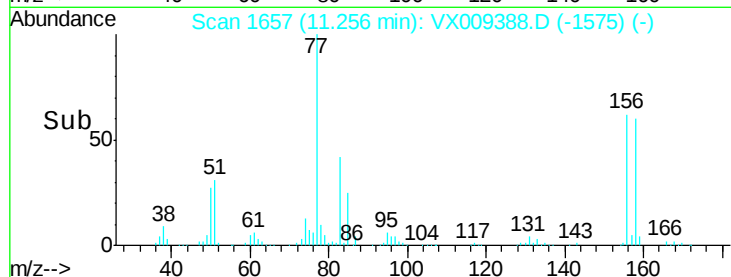
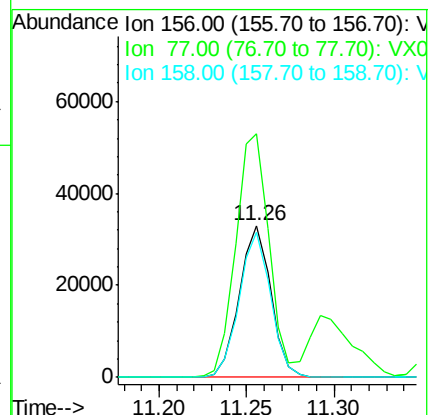
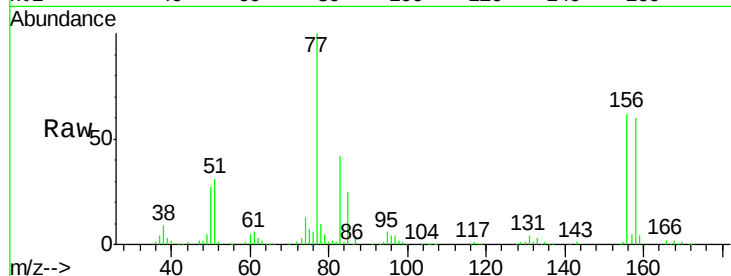
Tot Ion:156 Resp: 41298

Ion Ratio Lower Upper

156 100

77 168.5 0.0 335.6

158 95.7 0.0 191.2



#74

n-propylbenzene

Concen: 18.759 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009388.D

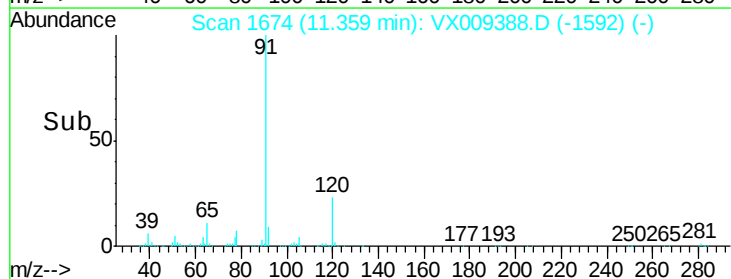
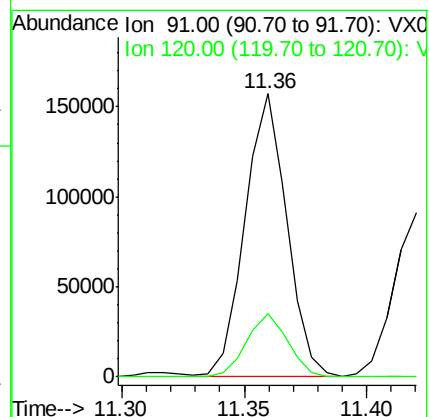
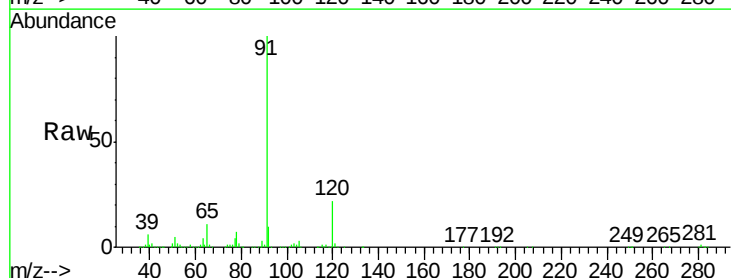
Acq: 07 May 2019 19:39

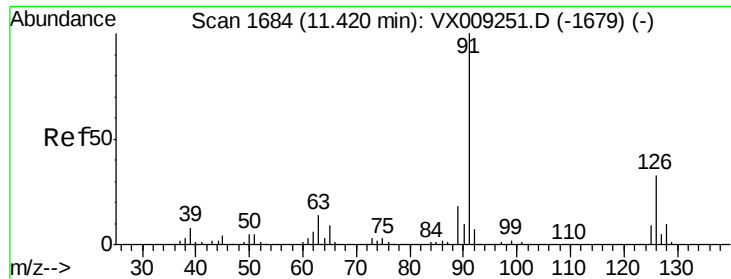
Tgt Ion: 91 Resp: 187622

Ion Ratio Lower Upper

91 100

120 22.1 0.0 43.4





#75

2-Chlorotoluene

Concen: 19.132 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

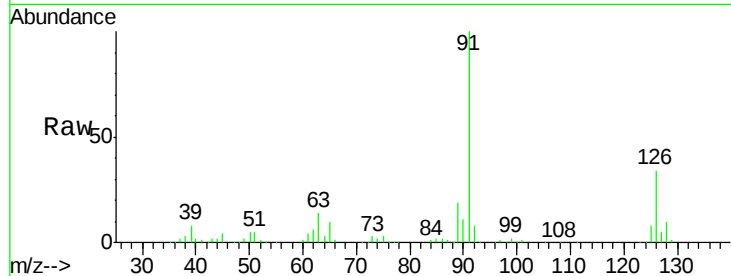
VSTDCCC020EC

Tot Ion: 91 Resp: 114777

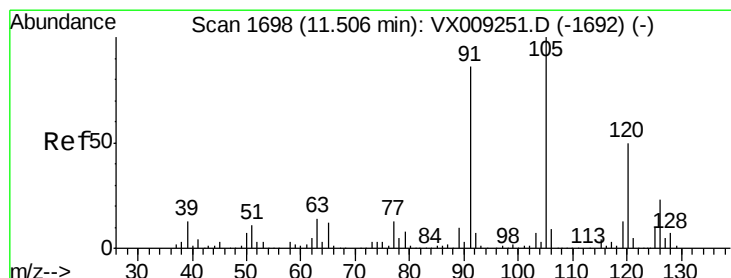
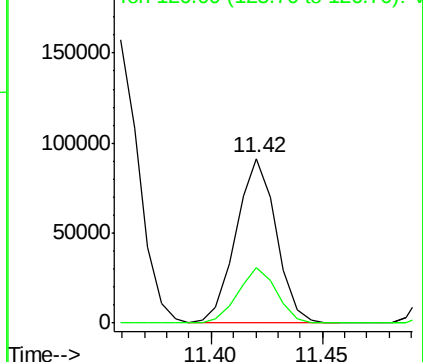
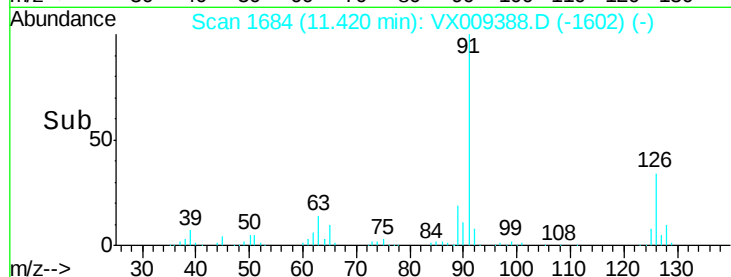
Ion Ratio Lower Upper

91 100

126 32.8 0.0 64.0



Abundance Ion 91.00 (90.70 to 91.70): VX009388.D (-1602) (-)



#76

1,3,5-Trimethylbenzene

Concen: 19.052 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009388.D

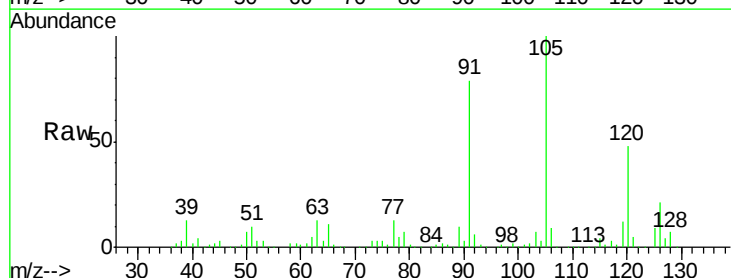
Acq: 07 May 2019 19:39

Tgt Ion: 105 Resp: 139294

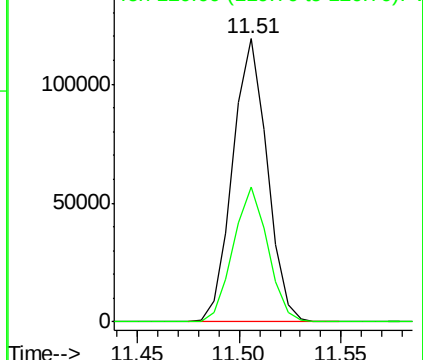
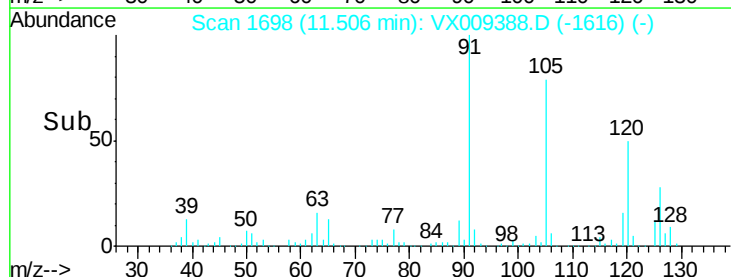
Ion Ratio Lower Upper

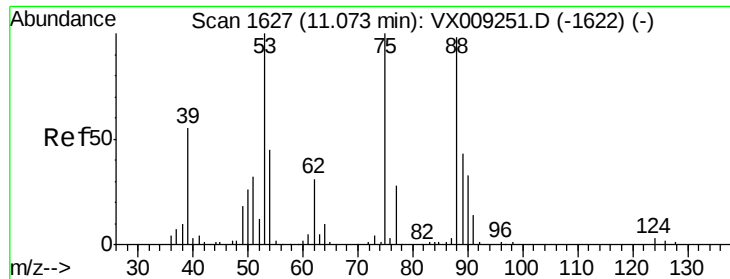
105 100

120 47.6 0.0 97.4



Abundance Ion 105.00 (104.70 to 105.70): VX009388.D (-1616) (-)

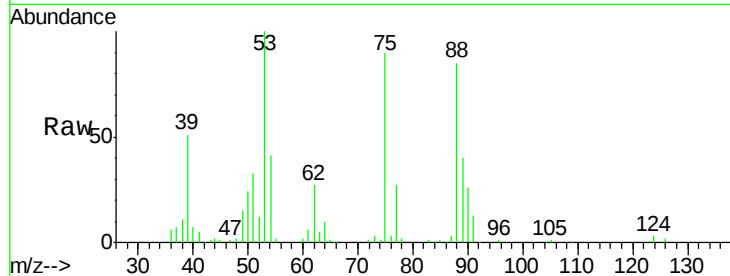




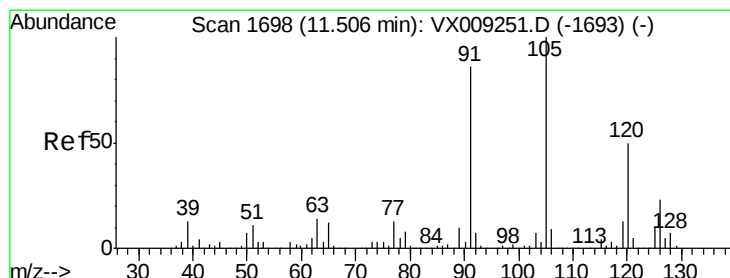
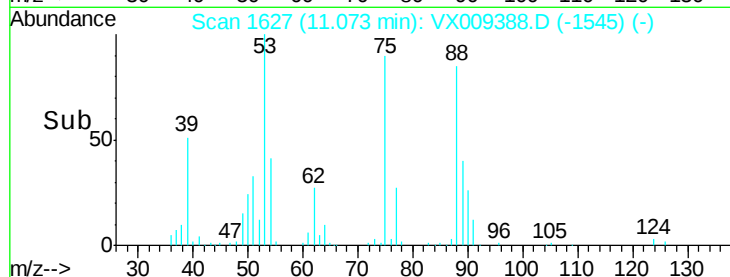
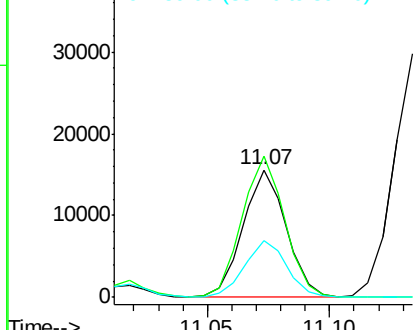
#77
t-1,4-Dichloro-2-butene
Concen: 17.433 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

Tot Ion: 75 Resp: 19155
Ion Ratio Lower Upper
75 100
53 111.1 50.0 149.8
89 44.3 21.6 65.0

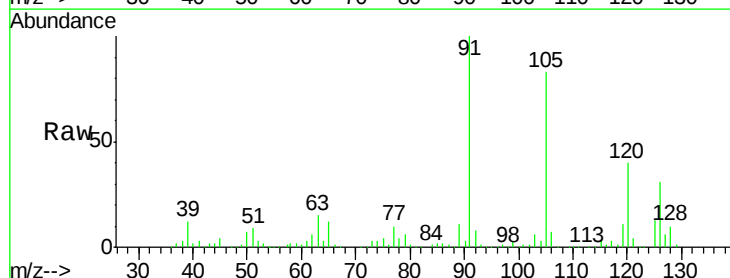


Abundance Ion 75.00 (74.70 to 75.70): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 89.00 (88.70 to 89.70): VX0

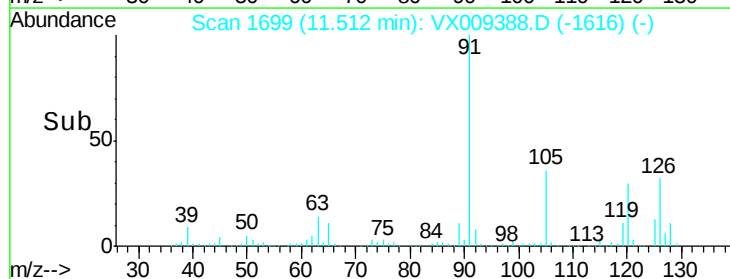
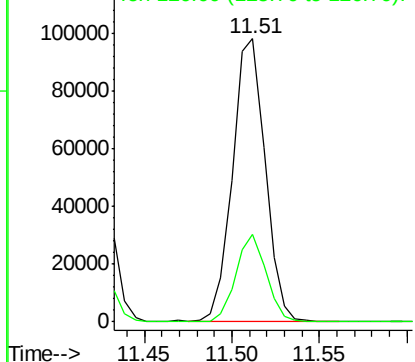


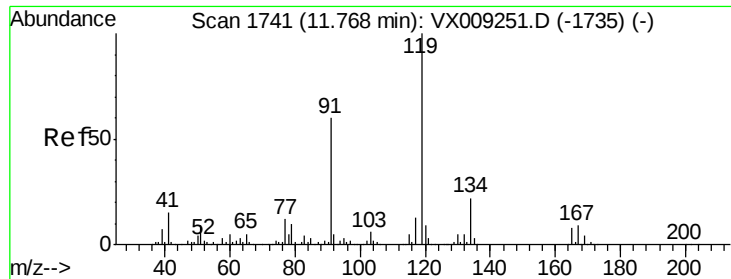
#78
4-Chlorotoluene
Concen: 18.741 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 91 Resp: 127694
Ion Ratio Lower Upper
91 100
126 29.0 0.0 57.0



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





#79

tert-butylbenzene

Concen: 18.890 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

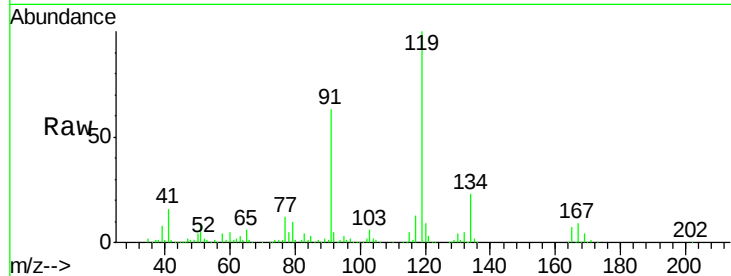
Tot Ion:119 Resp: 133511

Ion Ratio Lower Upper

119 100

91 59.3 0.0 118.2

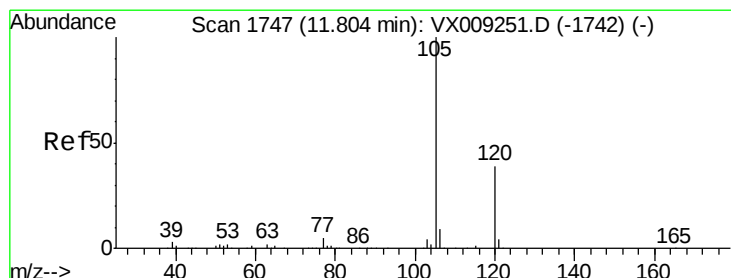
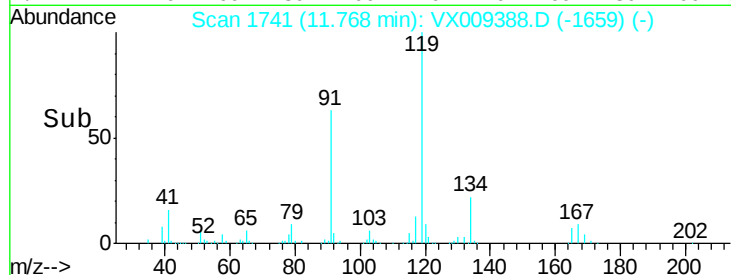
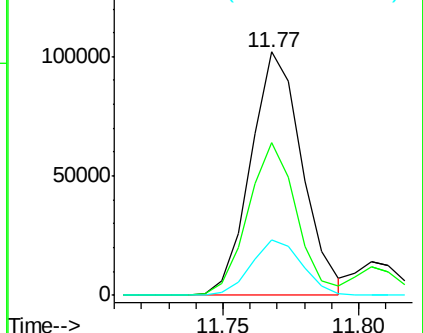
134 22.7 0.0 45.0



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: 18.742 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX009388.D

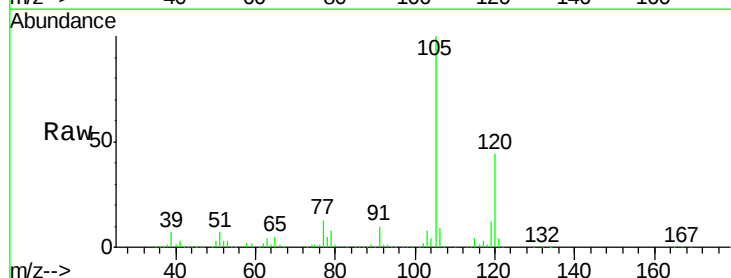
Acq: 07 May 2019 19:39

Tgt Ion:105 Resp: 137337

Ion Ratio Lower Upper

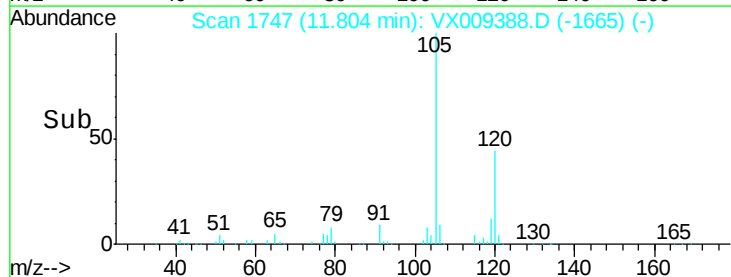
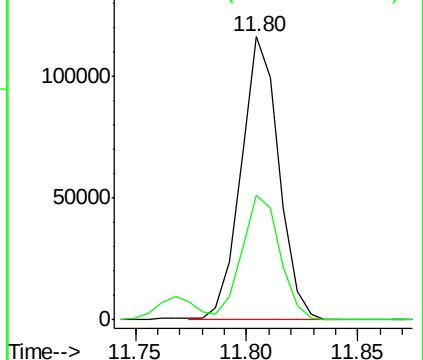
105 100

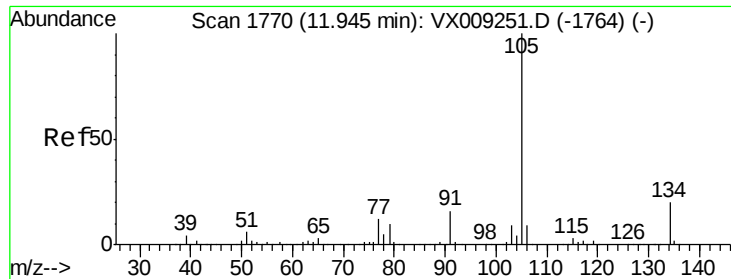
120 44.5 0.0 89.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

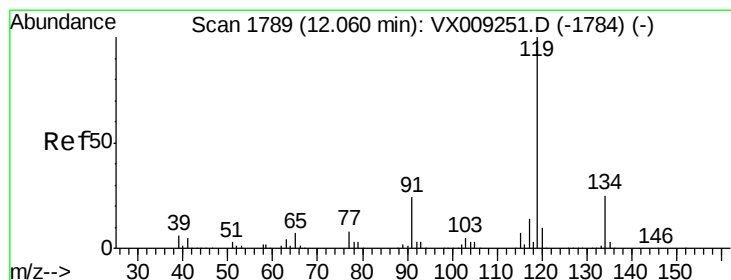
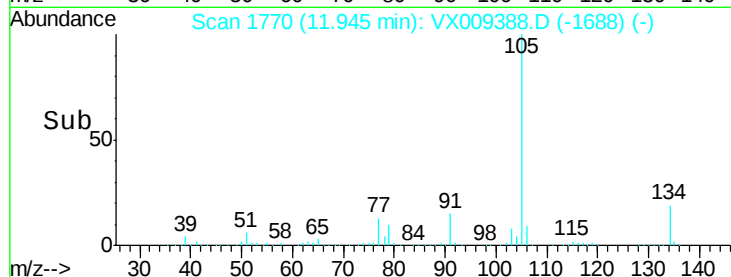
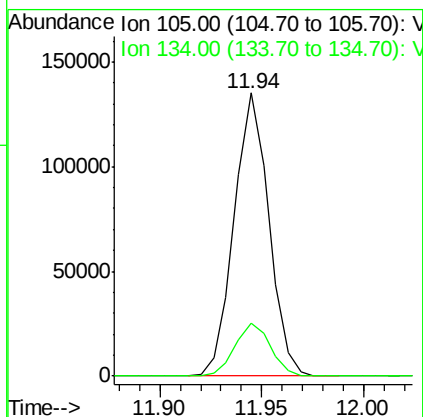
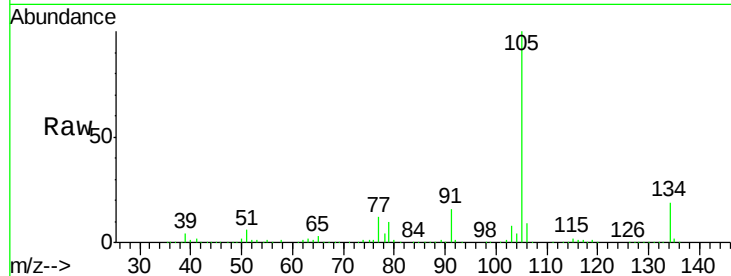




#81
 sec-Butylbenzene
 Concen: 18.947 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

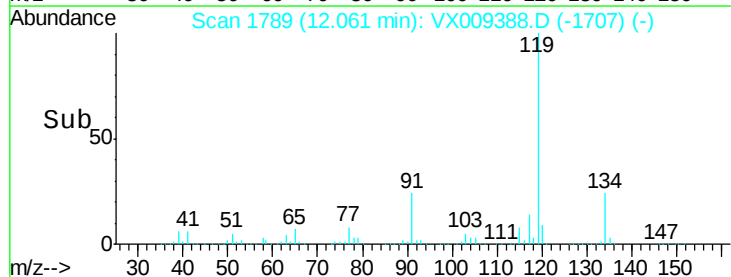
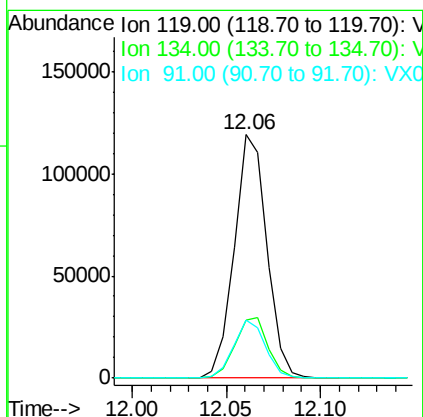
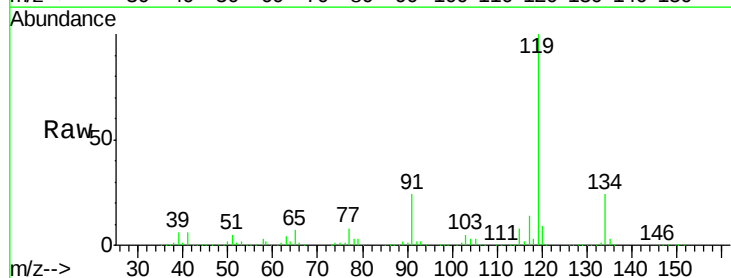
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

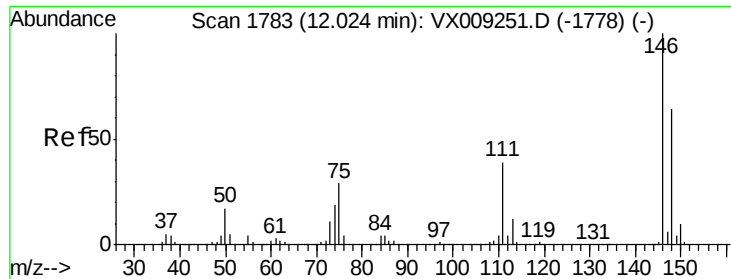
Tot Ion:105 Resp: 159105
 Ion Ratio Lower Upper
 105 100
 134 19.2 0.0 38.6



#82
 p-Isopropyltoluene
 Concen: 18.605 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion:119 Resp: 142119
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 50.8
 91 23.4 0.0 47.2

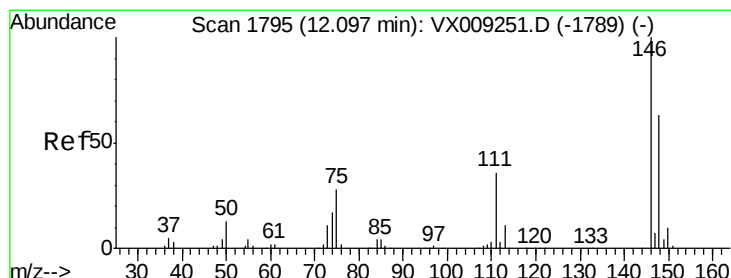
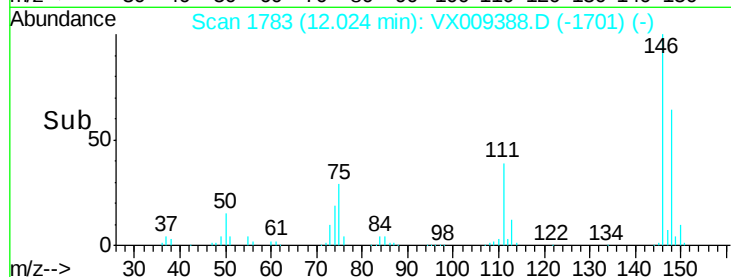
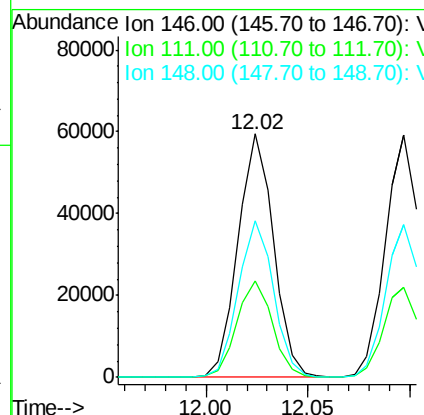
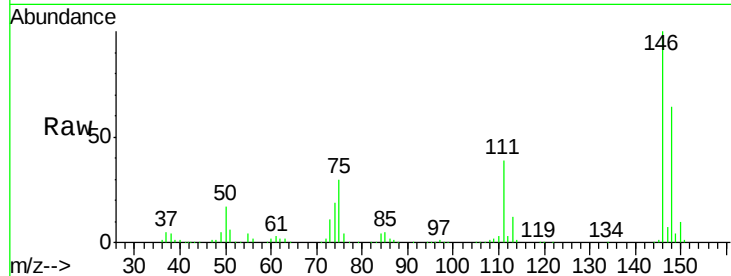




#83
 1,3-Dichlorobenzene
 Concen: 18.880 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

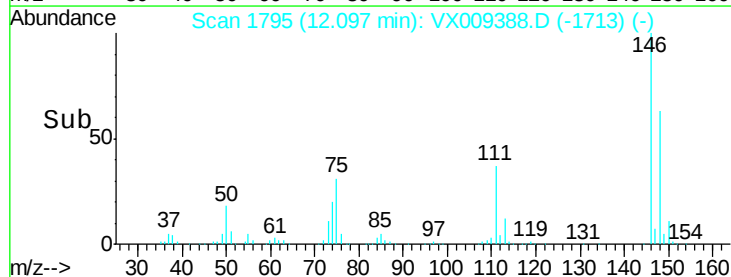
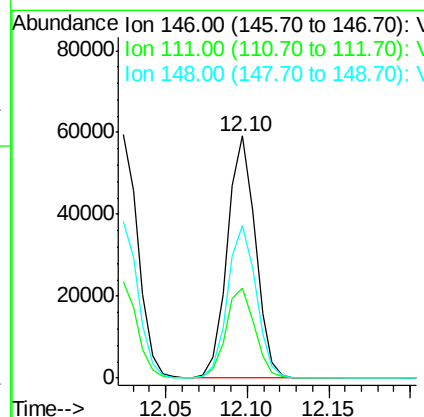
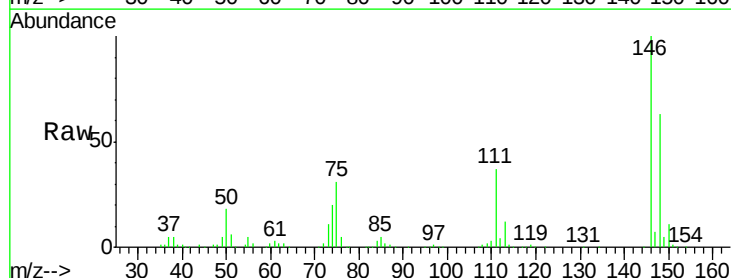
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

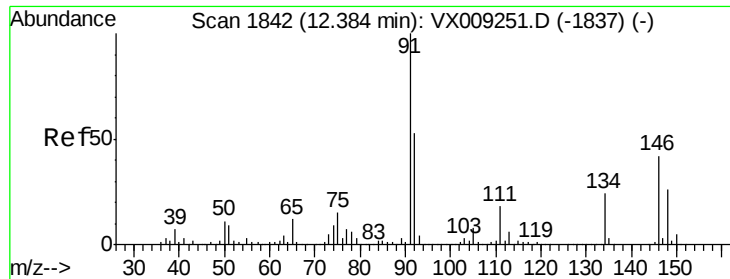
Tot Ion:146 Resp: 71902
 Ion Ratio Lower Upper
 146 100
 111 39.5 20.0 60.0
 148 63.8 32.2 96.6



#84
 1,4-Dichlorobenzene
 Concen: 18.775 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion:146 Resp: 71237
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.6 58.7
 148 63.8 32.3 96.8

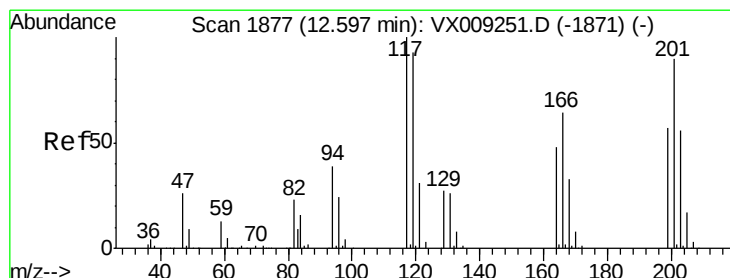
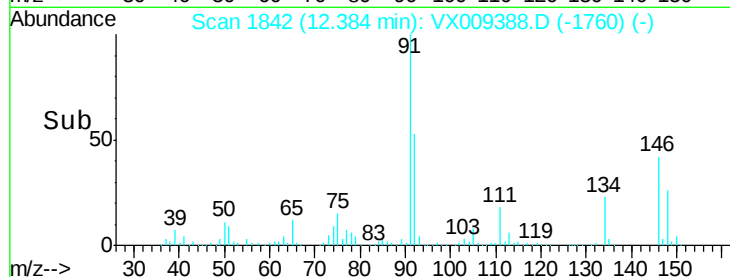
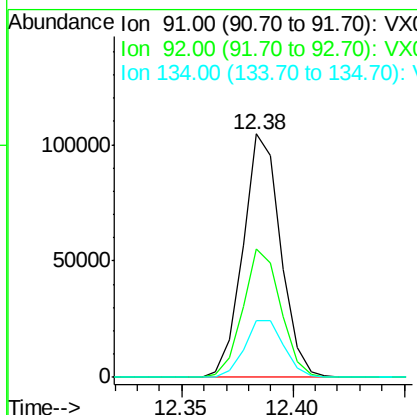
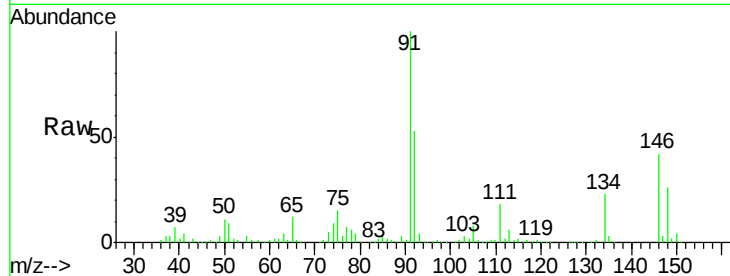




#85
n-Butylbenzene
Concen: 17.664 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

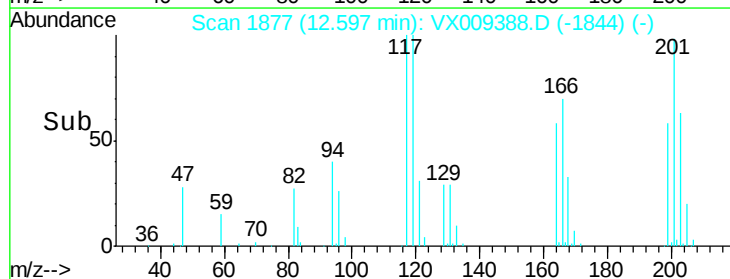
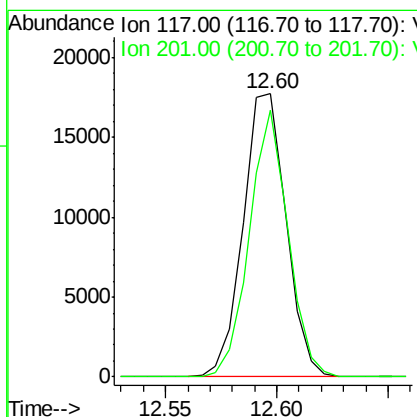
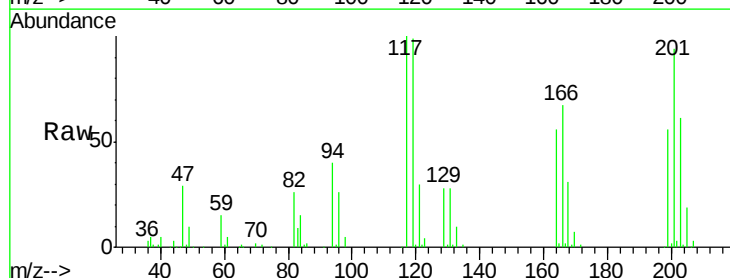
Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC020EC

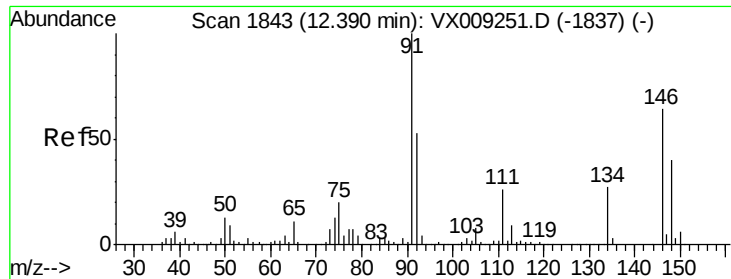
Tot Ion: 91 Resp: 123464
Ion Ratio Lower Upper
91 100
92 53.0 0.0 106.6
134 24.5 0.0 50.0



#86
Hexachloroethane
Concen: 18.408 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX009388.D
Acq: 07 May 2019 19:39

Tgt Ion: 117 Resp: 23927
Ion Ratio Lower Upper
117 100
201 84.6 41.8 125.4

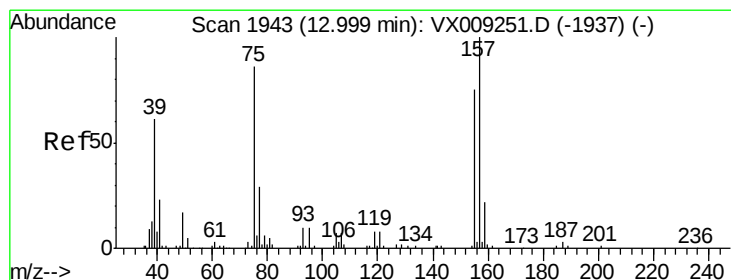
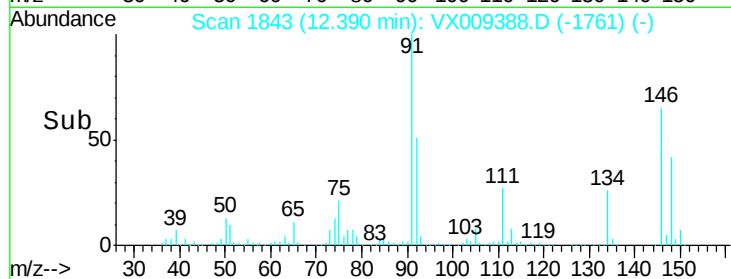
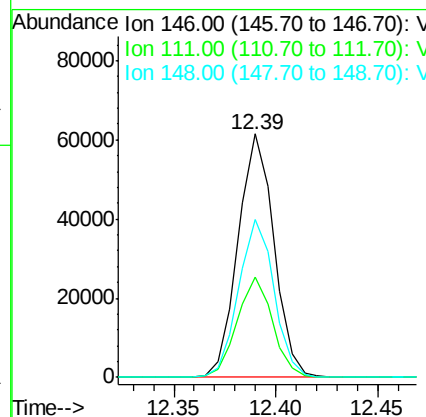
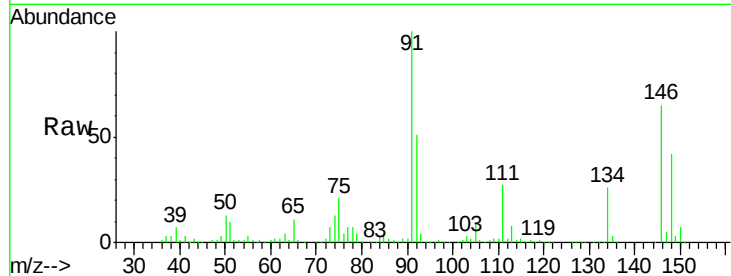




#87
 1,2-Dichlorobenzene
 Concen: 19.416 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

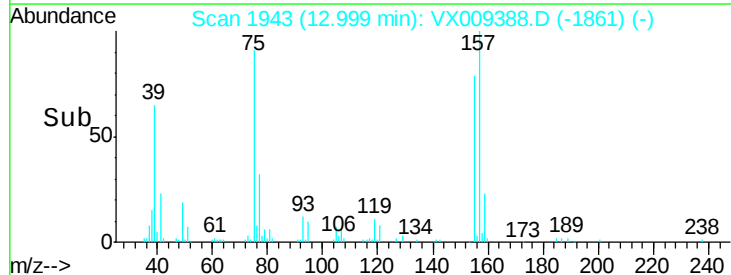
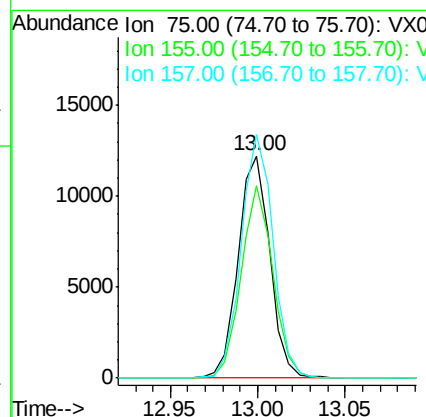
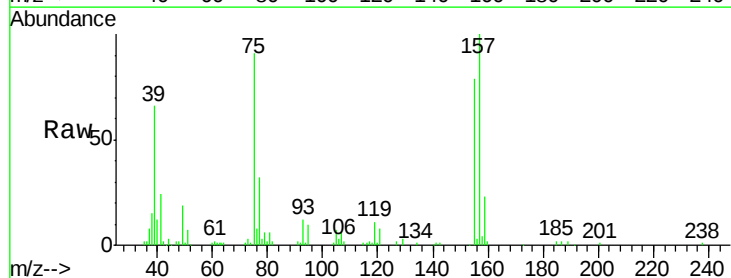
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

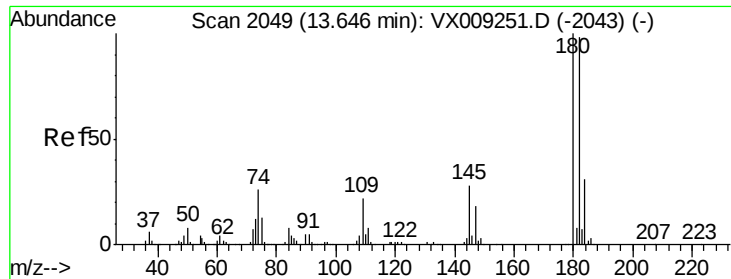
Tot Ion:146 Resp: 74433
 Ion Ratio Lower Upper
 146 100
 111 41.1 20.8 62.2
 148 64.7 31.4 94.3



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.960 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion: 75 Resp: 15396
 Ion Ratio Lower Upper
 75 100
 155 86.2 65.9 98.9
 157 109.9 85.2 127.8

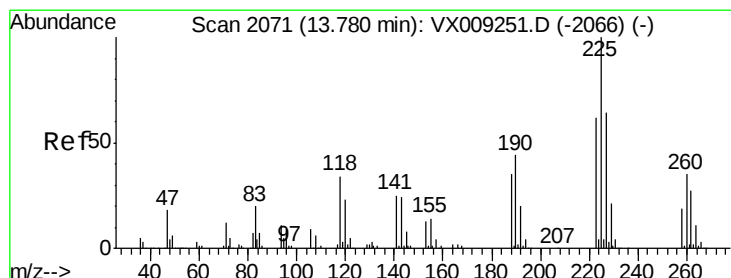
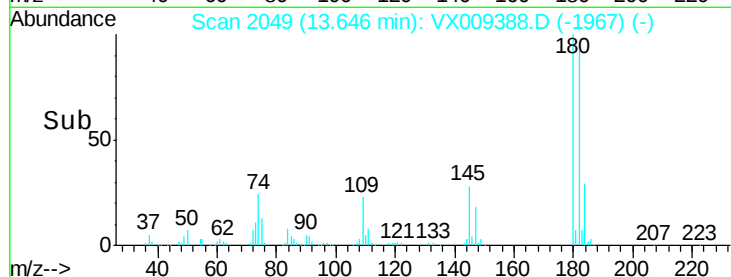
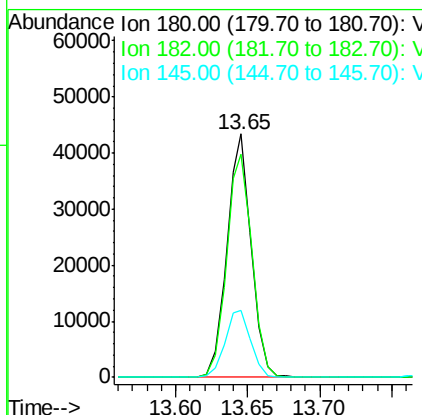
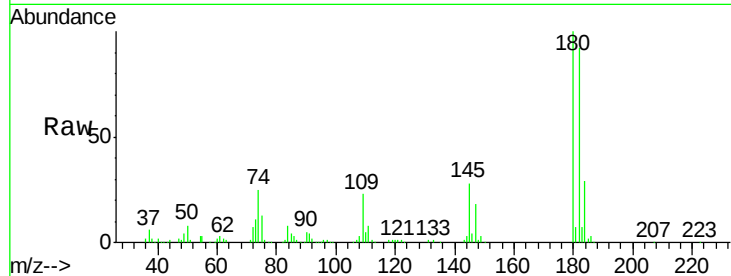




#89
 1,2,4-Trichlorobenzene
 Concen: 18.822 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

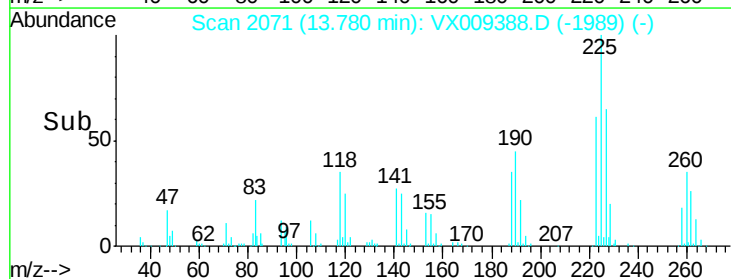
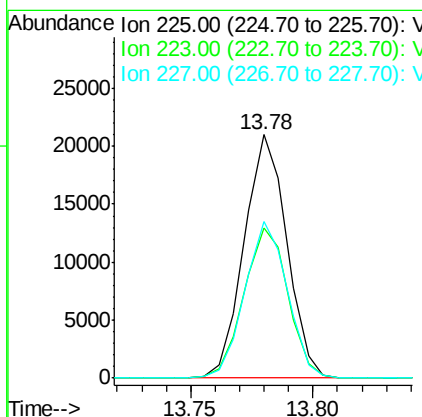
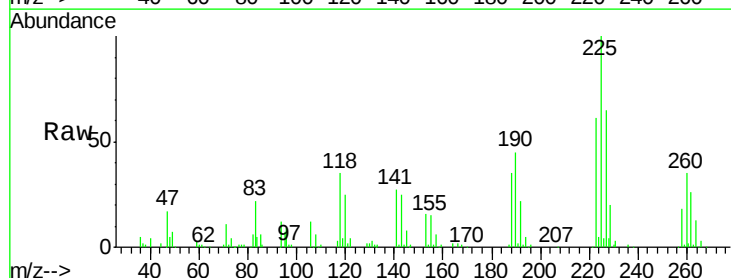
Instrument :
 MSVOA_F
 ClientSampleId :
 VSTDCCC020EC

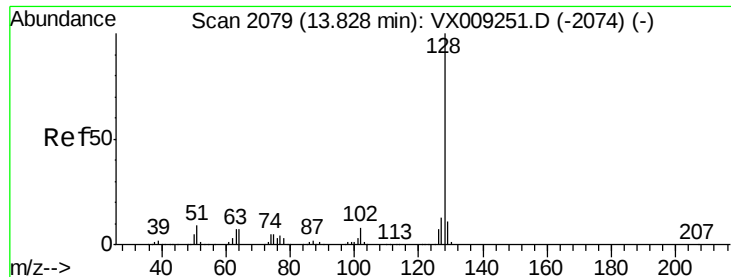
Tot Ion:180 Resp: 51429
 Ion Ratio Lower Upper
 180 100
 182 95.5 76.9 115.3
 145 29.3 23.0 34.6



#90
 Hexachlorobutadiene
 Concen: 18.633 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009388.D
 Acq: 07 May 2019 19:39

Tgt Ion:225 Resp: 25432
 Ion Ratio Lower Upper
 225 100
 223 63.4 0.0 126.6
 227 63.8 0.0 130.0





#91

Naphthalene

Concen: 20.348 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.01 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

Instrument :

MSVOA_F

ClientSampleId :

VSTDCCC020EC

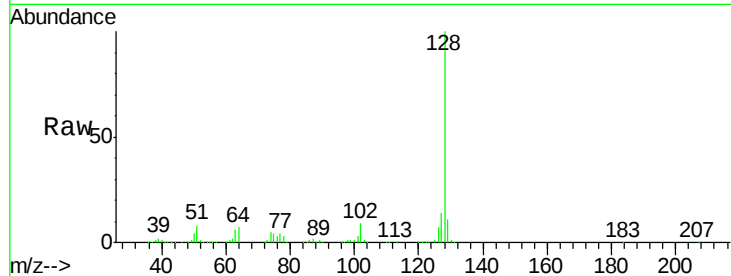
Tot Ion:128 Resp: 182042

Ion Ratio Lower Upper

128 100

127 13.5 10.5 15.7

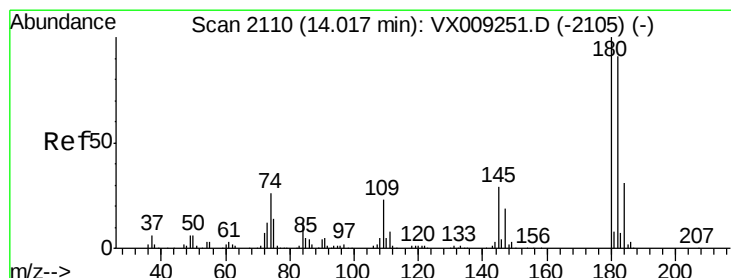
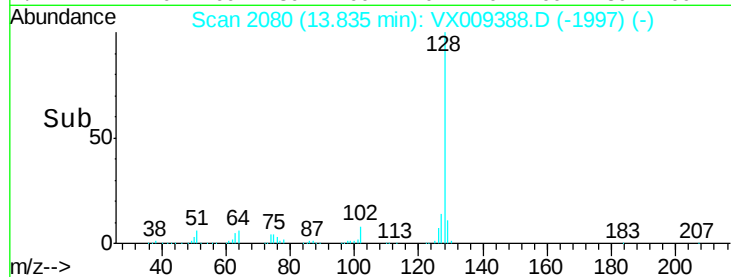
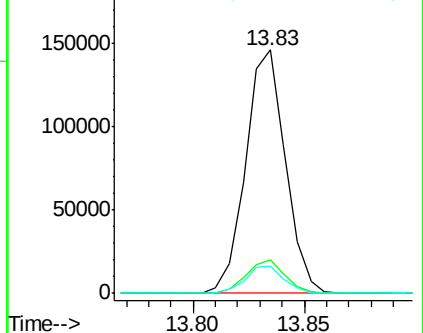
129 11.0 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#92

1,2,3-Trichlorobenzene

Concen: 19.430 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009388.D

Acq: 07 May 2019 19:39

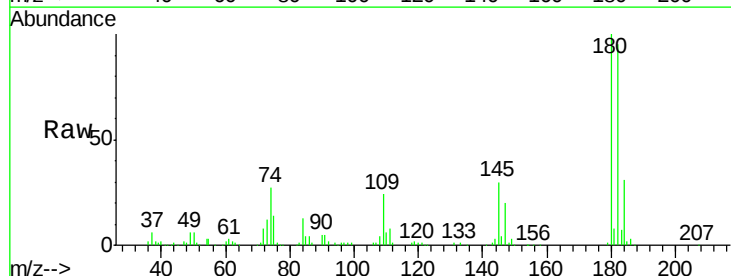
Tgt Ion:180 Resp: 53969

Ion Ratio Lower Upper

180 100

182 95.9 0.0 189.0

145 30.8 0.0 61.6



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

