

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX123019\
 Data File : VX014368.D
 Acq On : 30 Dec 2019 20:49
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
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apatel
 12/31/2019 9:32:52 AM

Quant Time: Dec 31 03:56:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	83289	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	466743	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	426313	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	176170	29.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.43%
60) 4-Bromofluorobenzene	11.13	95	204291	29.68	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.93%
63) Toluene-d8	8.71	98	576653	30.26	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.87%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	79499	18.896	ug/l 97
3) Chloromethane	1.32	50	114437	19.299	ug/l 97
4) Vinyl Chloride	1.40	62	118701	19.527	ug/l 100
5) Bromomethane	1.64	94	63623	14.318	ug/l 96
6) Chloroethane	1.72	64	80552	21.453	ug/l 98
7) Trichlorofluoromethane	1.92	101	153223	20.256	ug/l 99
8) Diethyl Ether	2.18	74	71690	20.619	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	92780	20.566	ug/l 99
10) 1,1-Dichloroethene	2.37	96	93695	20.089	ug/l 98
11) Methyl Iodide	2.50	142	79319	13.211	ug/l 99
12) Methyl Acetate	2.76	43	158323	21.927	ug/l 98
13) Acrolein	2.28	56	92893	106.075	ug/l 98
14) Acrylonitrile	3.13	53	308245	109.205	ug/l 100
15) Acetone	2.43	58	89753	108.243	ug/l 80
16) Carbon Disulfide	2.56	76	258028	20.422	ug/l 98
17) Allyl chloride	2.72	41	176041	21.005	ug/l 97
18) Methylene Chloride	2.85	84	113972	19.943	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	104123	20.387	ug/l 97
20) Diisopropyl ether	3.84	45	359872	20.927	ug/l 98
21) 1,1-Dichloroethane	3.69	63	188323	20.178	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	117688	19.878	ug/l 97
23) tert-Butyl Alcohol	3.03	59	127970	115.589	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	319013	20.248	ug/l 100
25) Chloroform	5.20	83	183990	20.677	ug/l 97
26) Cyclohexane	5.58	56	170226	20.454	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	139356	20.670	ug/l 99
30) 2-Butanone	4.65	43	431998	108.710	ug/l 100
31) 2,2-Dichloropropane	4.58	77	133164	21.353	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	150945	20.242	ug/l 99
33) Carbon Tetrachloride	5.78	117	127780	20.157	ug/l 98
34) Benzene	6.14	78	434536	20.670	ug/l 96
35) Methacrylonitrile	5.03	41	89995	21.057	ug/l 98
36) 1,2-Dichloroethane	6.18	62	149035	20.409	ug/l 99
37) Trichloroethene	7.21	130	115725	20.231	ug/l 96
38) Methylcyclohexane	7.46	83	167264	20.799	ug/l 99
39) 1,2-Dichloropropane	7.51	63	112112	20.533	ug/l 96
40) Dibromomethane	7.65	93	71979	20.636	ug/l 99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:35:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	138482	20.504	ug/l	99
42) Vinyl Acetate	3.80	43	1512548	107.808	ug/l	100
43) Ethyl Acetate	4.82	43	169980	22.292	ug/l	99
44) Isopropyl Acetate	6.43	43	265061	20.755	ug/l	99
45) 1,4-Dioxane	7.73	88	52872	442.089	ug/l	99
46) Methyl methacrylate	7.76	41	129944	20.947	ug/l	97
47) n-amyl Acetate	10.89	43	221286	19.487	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	147801	20.051	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	167654	20.224	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	112087	20.822	ug/l	98
51) Ethyl methacrylate	9.17	69	171626	20.044	ug/l	99
52) 1,3-Dichloropropane	9.37	76	187024	20.449	ug/l	99
53) Dibromochloromethane	9.57	129	107951	20.055	ug/l	99
54) 1,2-Dibromoethane	9.67	107	112753	20.344	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	370324	98.113	ug/l	99
56) Bromoform	10.85	173	81205	19.346	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	848453	106.369	ug/l	99
59) 2-Hexanone	9.48	43	642047	106.065	ug/l	99
61) Tetrachloroethene	9.33	164	115972	20.563	ug/l	99
62) Toluene	8.78	91	460836	20.325	ug/l	99
64) Chlorobenzene	10.14	112	284815	20.050	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.21	131	104028	19.777	ug/l	100
66) Ethyl Benzene	10.25	91	498301	20.082	ug/l	98
67) m/p-Xylenes	10.35	106	379460	40.005	ug/l	99
68) o-Xylene	10.70	106	184175	19.600	ug/l	100
69) Styrene	10.71	104	308884	19.330	ug/l	99
70) Isopropylbenzene	11.01	105	485845	20.008	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	169802	19.718	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	158966m	20.739	ug/l	
73) Bromobenzene	11.25	156	126393	19.498	ug/l	99
74) n-propylbenzene	11.35	91	550621	19.992	ug/l	100
75) 2-Chlorotoluene	11.42	91	330316	19.849	ug/l	98
76) 1,3,5-Trimethylbenzene	11.50	105	407480	19.781	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	49613	19.600	ug/l	95
78) 4-Chlorotoluene	11.51	91	370740	19.496	ug/l	98
79) tert-butylbenzene	11.76	119	382106	19.245	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	404198	19.624	ug/l	99
81) sec-Butylbenzene	11.94	105	466433	19.750	ug/l	100
82) p-Isopropyltoluene	12.06	119	419782	19.697	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	222610	19.703	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	216607	19.253	ug/l	100
85) n-Butylbenzene	12.38	91	355978	19.866	ug/l	100
86) Hexachloroethane	12.59	117	72499	18.752	ug/l	96
87) 1,2-Dichlorobenzene	12.38	146	222714	19.407	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	35287	20.559	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	142096	19.373	ug/l	99
90) Hexachlorobutadiene	13.77	225	70131	20.116	ug/l	99
91) Naphthalene	13.83	128	448984	20.366	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	146616	19.708	ug/l	99

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ALS Vial : 27 Sample Multiplier: 1

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ClientSampleId :
VSTDCCC020EC

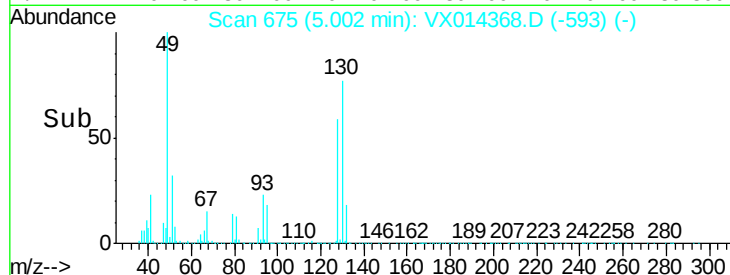
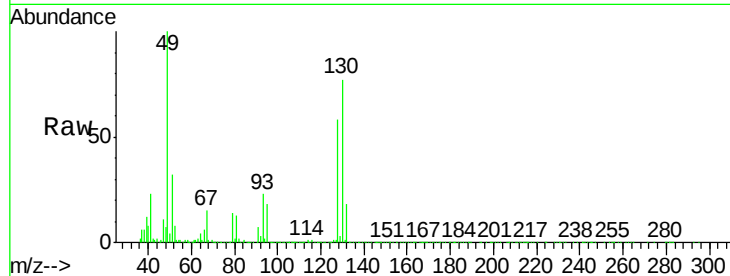
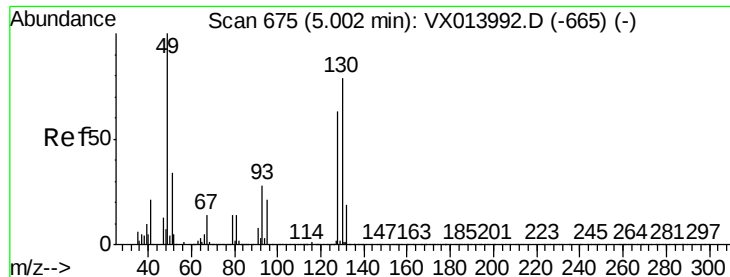
Manual Integrations
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Response via : Initial Calibration

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: 5.00 min Scan# 675

Delta R.T. -0.00 min

Lab File: VX014368.D

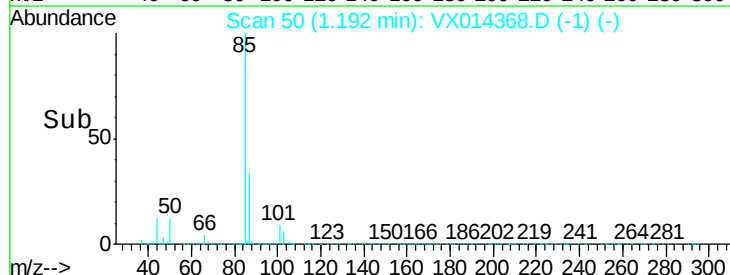
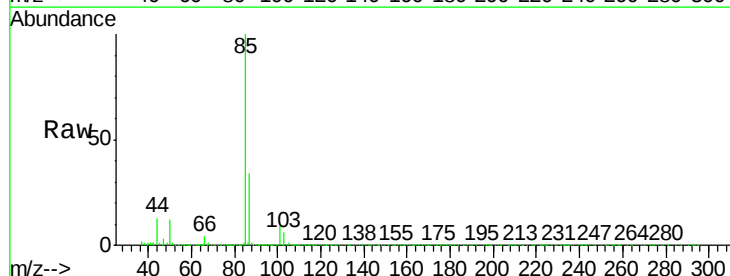
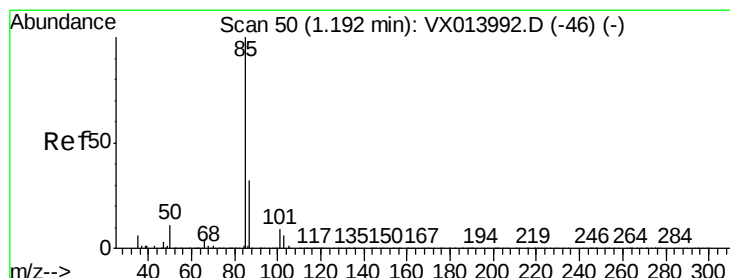
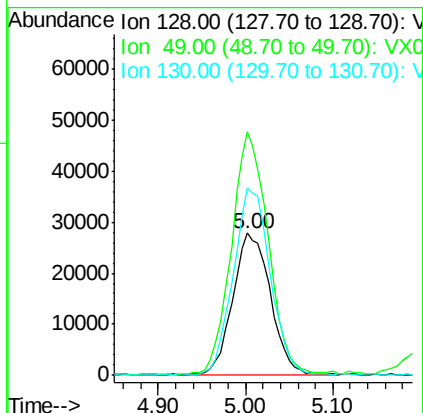
Acq: 30 Dec 2019 20:49

Tot Ion:	128	Resp:	83289
Ion	Ratio	Lower	Upper
128	100		
49	165.6	0.0	405.0
130	129.9	0.0	321.5

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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#2

Dichlorodifluoromethane

Concen: 18.896 ug/l

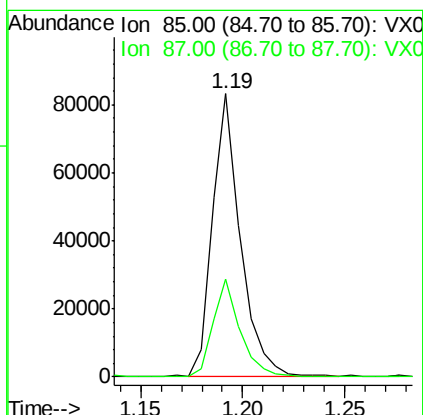
RT: 1.19 min Scan# 50

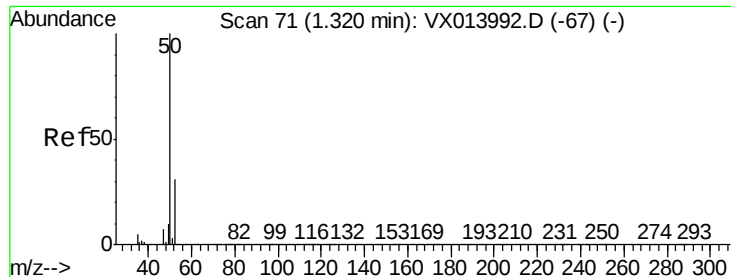
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	85	Resp:	79499
Ion	Ratio	Lower	Upper
85	100		
87	34.2	16.3	48.9





#3

Chloromethane

Concen: 19.299 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tot Ion: 50 Resp: 114437

Ion Ratio Lower Upper

50 100

52 32.0 24.3 36.5

Instrument :

MSVOA_X

ClientSampleId :

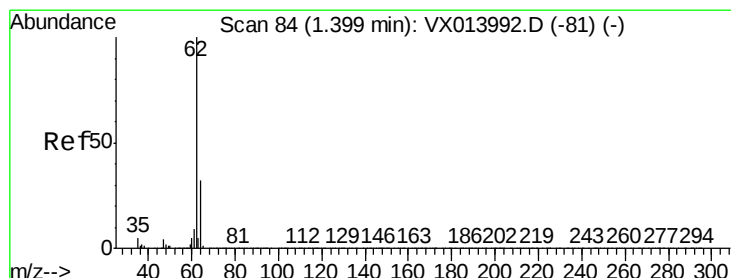
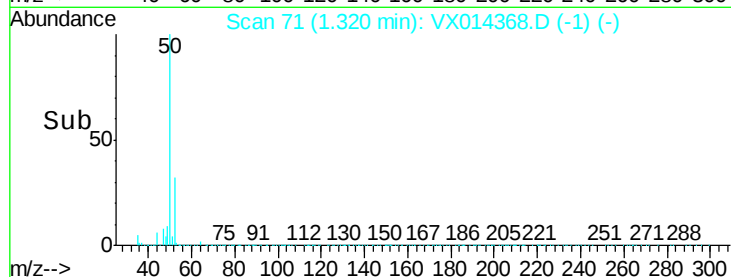
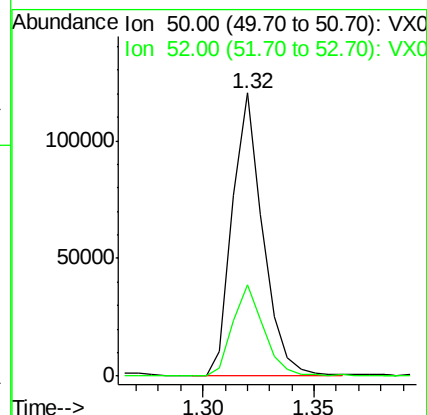
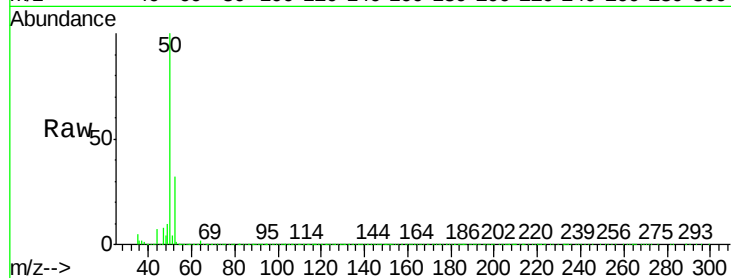
VSTDCCC020EC

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#4

Vinyl Chloride

Concen: 19.527 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX014368.D

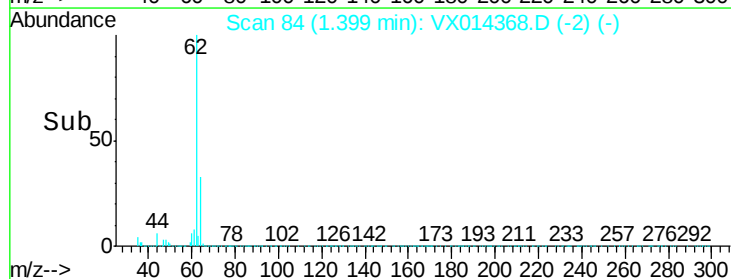
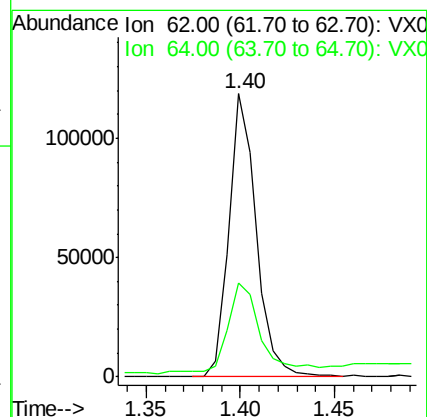
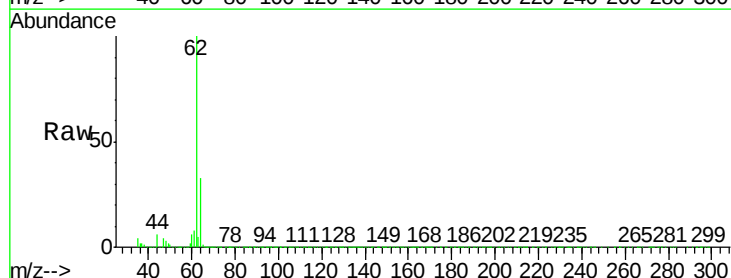
Acq: 30 Dec 2019 20:49

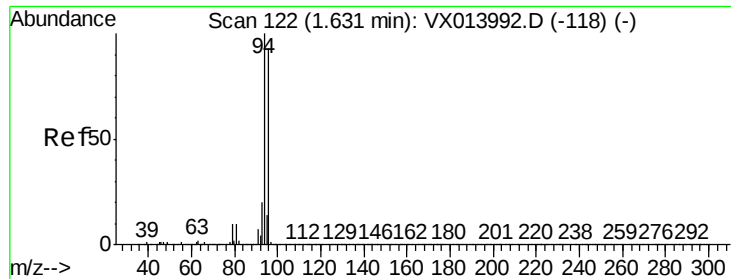
Tgt Ion: 62 Resp: 118701

Ion Ratio Lower Upper

62 100

64 31.4 25.2 37.8





#5

Bromomethane

Concen: 14.318 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 63623

Ion Ratio Lower Upper

94 100

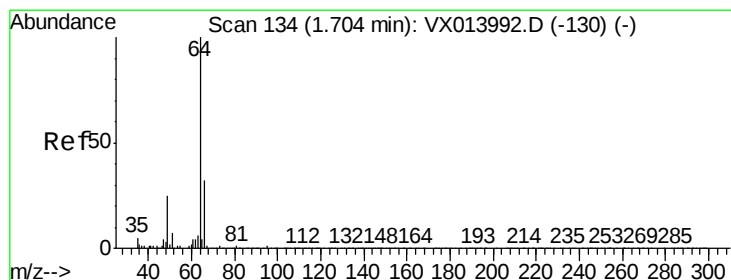
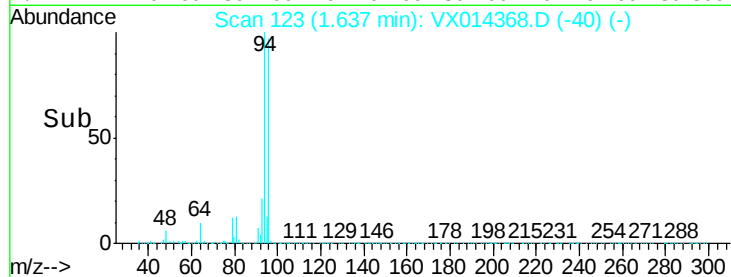
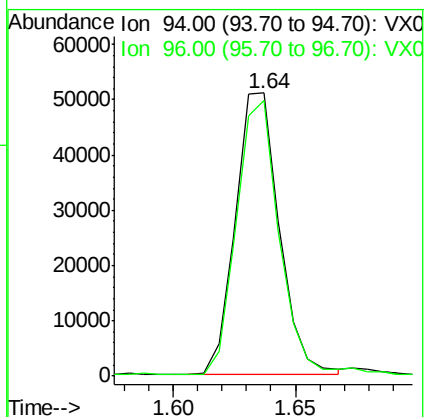
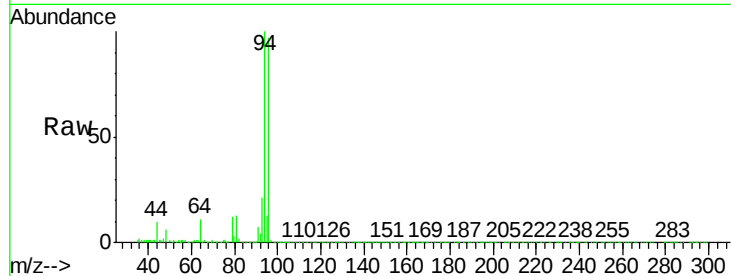
96 97.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 21.453 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX014368.D

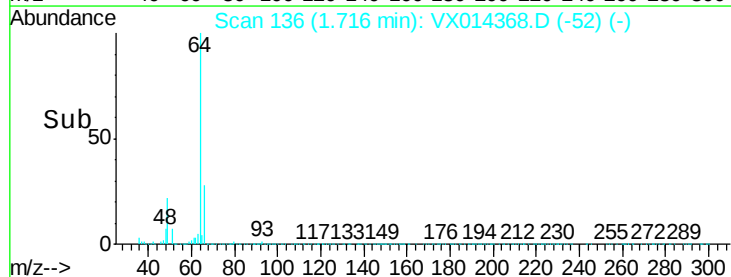
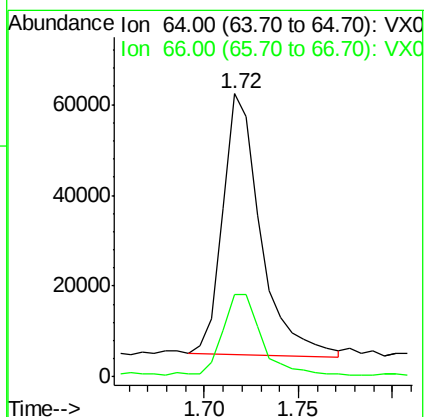
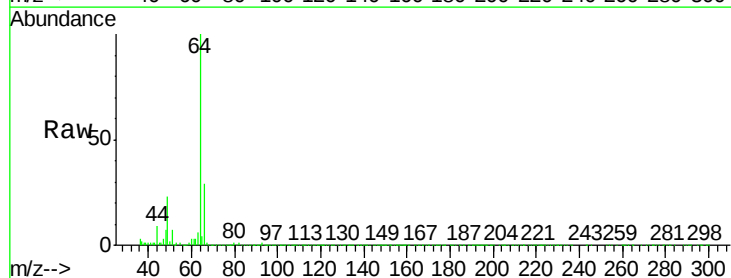
Acq: 30 Dec 2019 20:49

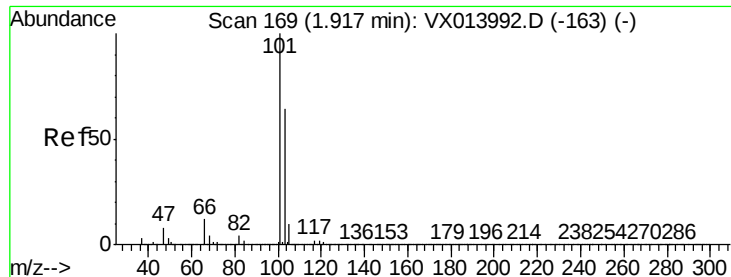
Tgt Ion: 64 Resp: 80552

Ion Ratio Lower Upper

64 100

66 30.6 25.2 37.8





#7

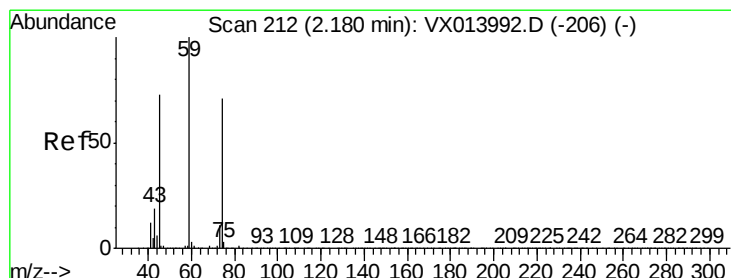
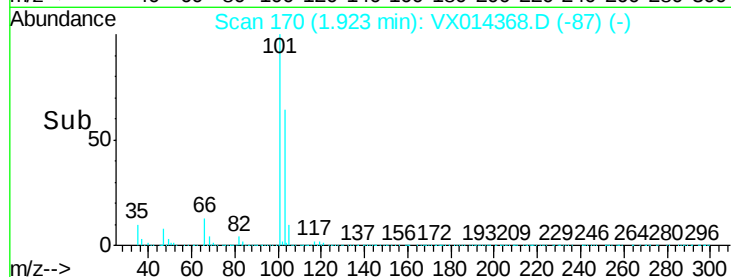
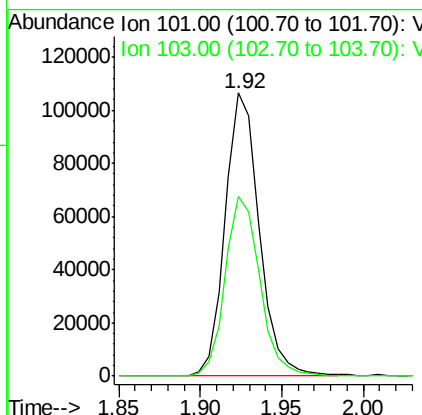
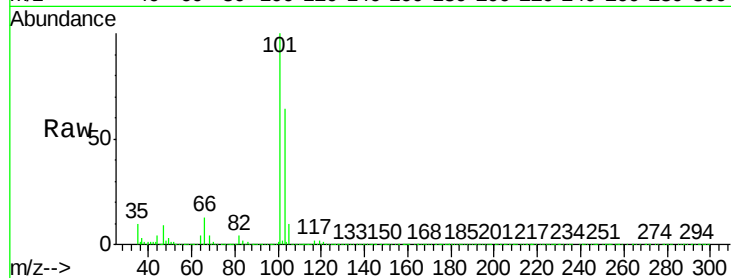
Trichlorofluoromethane
Concen: 20.256 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
101	100		153223		
103	63.6	51.6	77.4		

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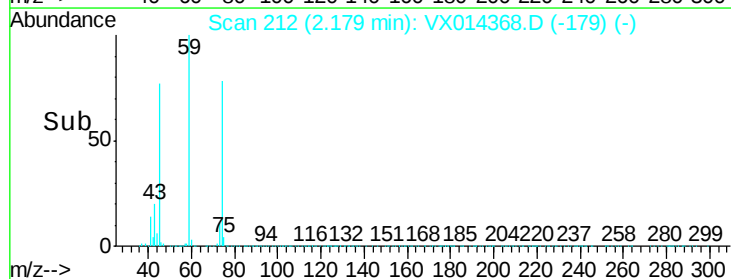
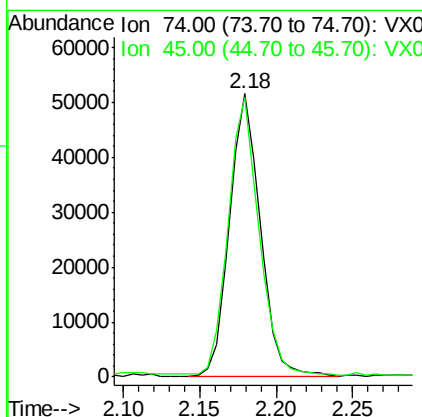
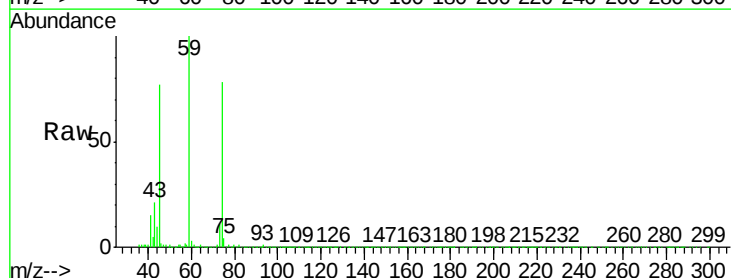
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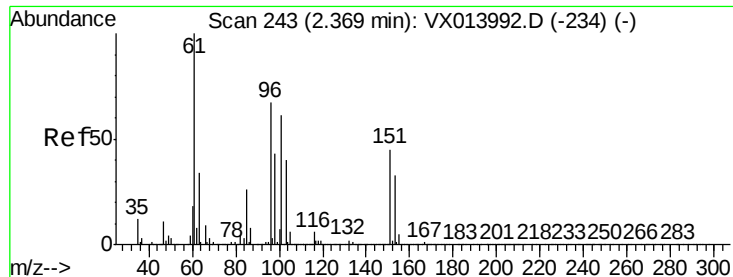


#8

Diethyl Ether
Concen: 20.619 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
74	100		71690		
45	98.5	20.6	185.0		





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.566 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

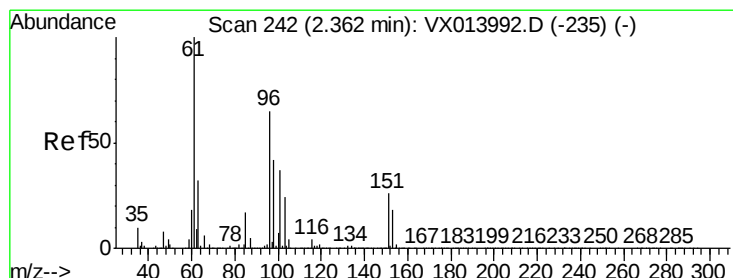
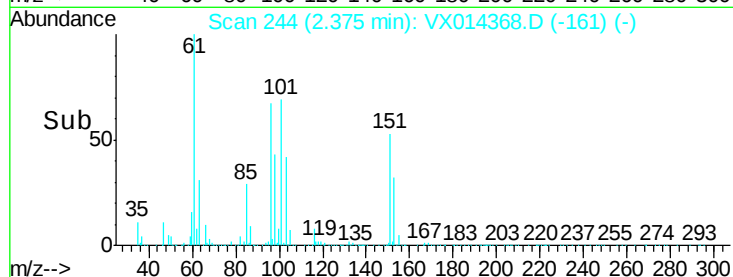
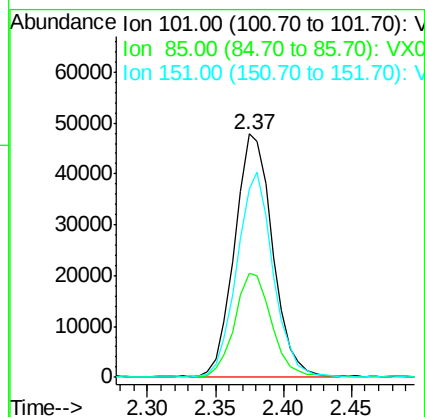
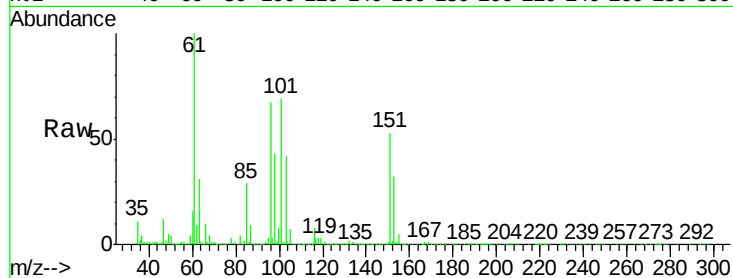
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	92780
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	85.6
151	81.0	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 20.089 ug/l

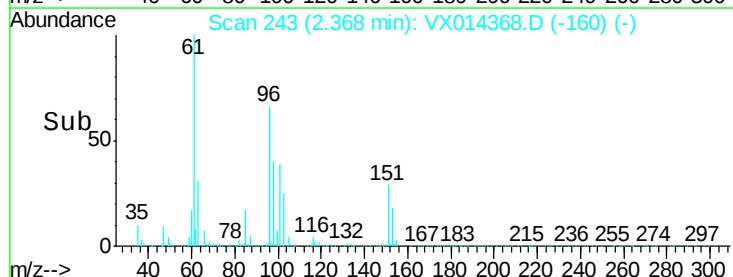
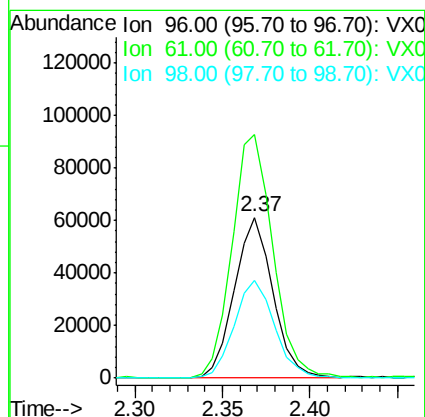
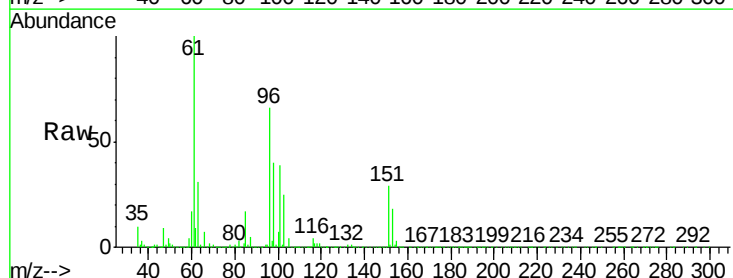
RT: 2.37 min Scan# 243

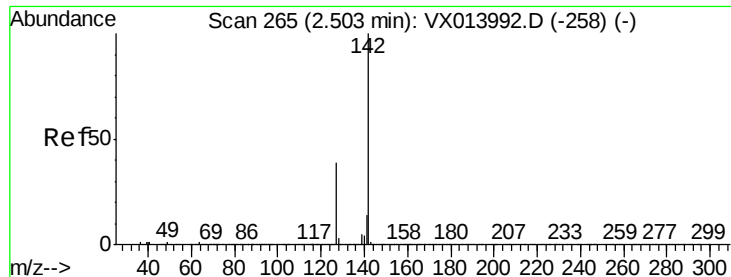
Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	96	Resp:	93695
Ion Ratio	Lower	Upper	
96	100		
61	151.8	123.0	184.6
98	60.5	51.4	77.0





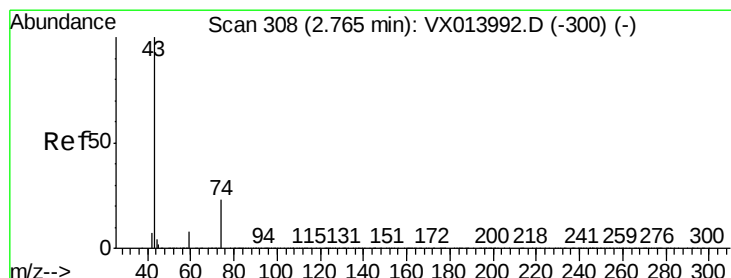
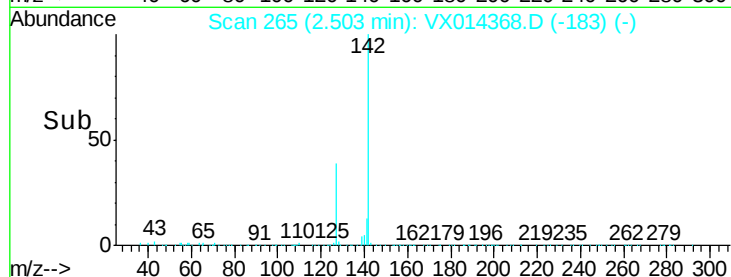
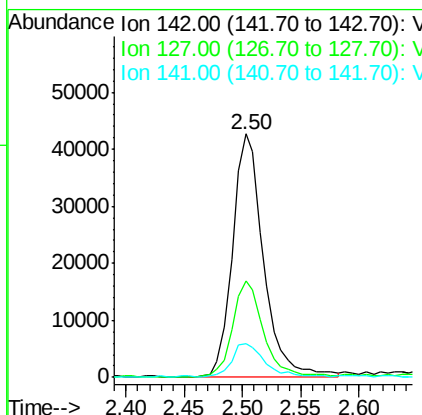
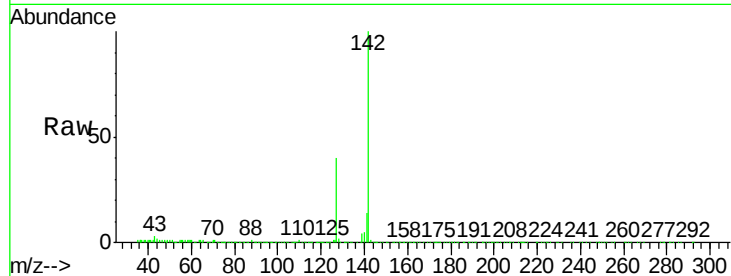
#11
Methyl Iodide
Concen: 13.211 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.5	58.5
141	13.3	7.0	20.9

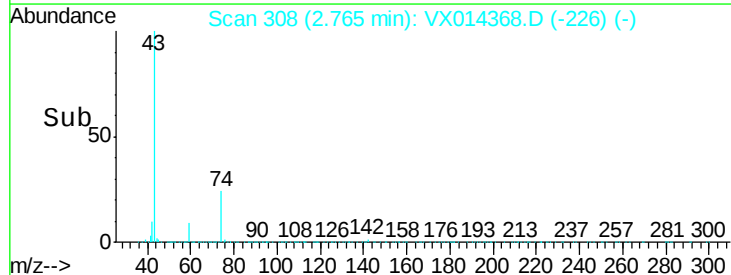
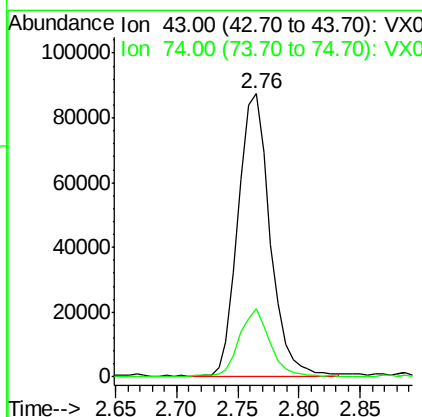
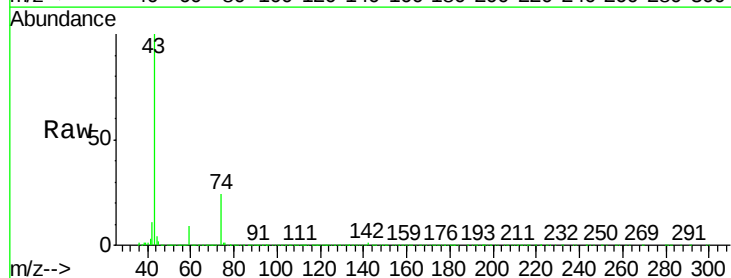
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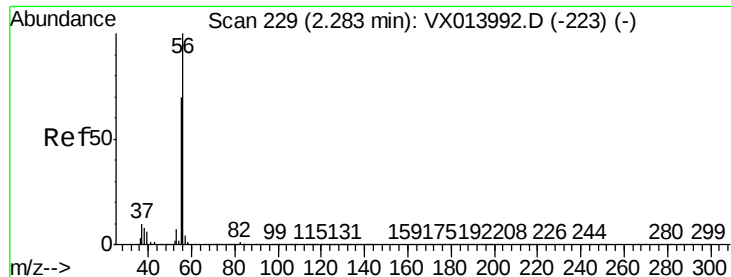
apatel
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#12
Methyl Acetate
Concen: 21.927 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.5	27.7





#13

Acrolein

Concen: 106.075 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 92893

Ion Ratio Lower Upper

56 100

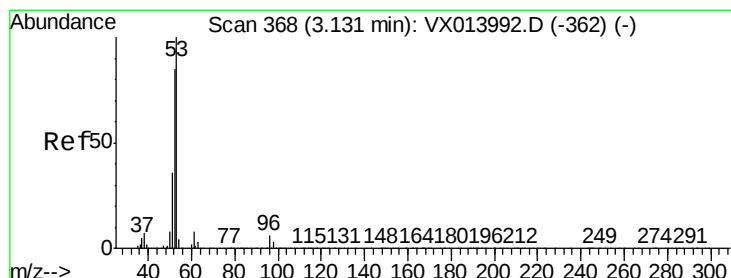
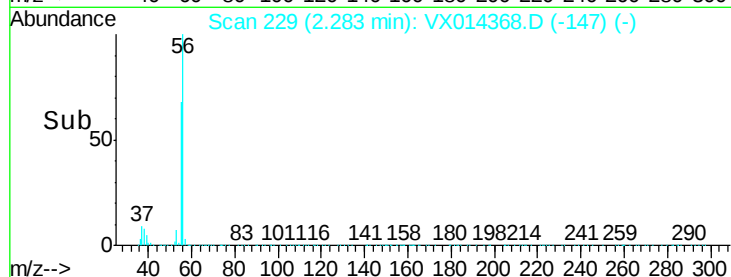
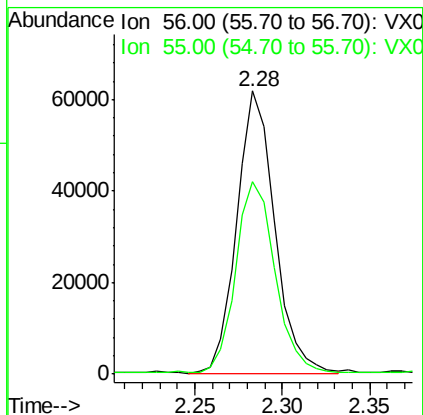
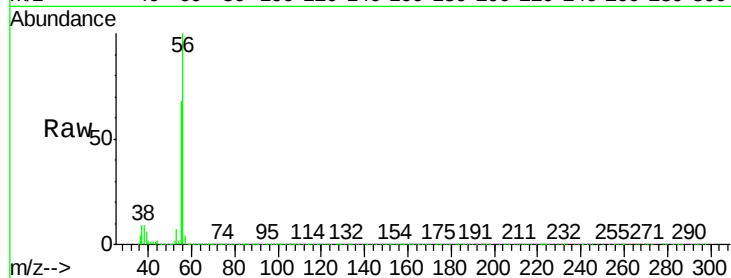
55 70.2 54.9 82.3

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#14

Acrylonitrile

Concen: 109.205 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

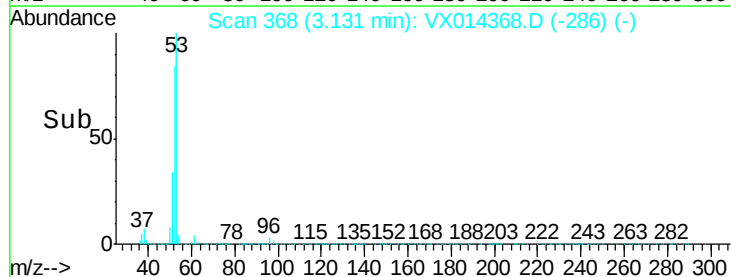
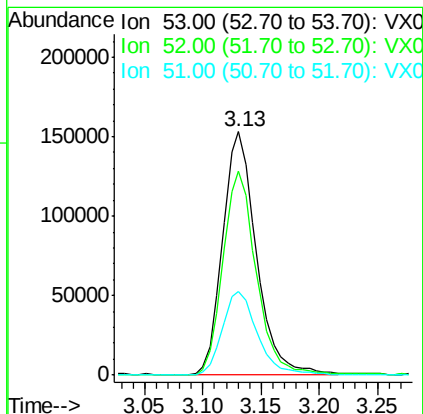
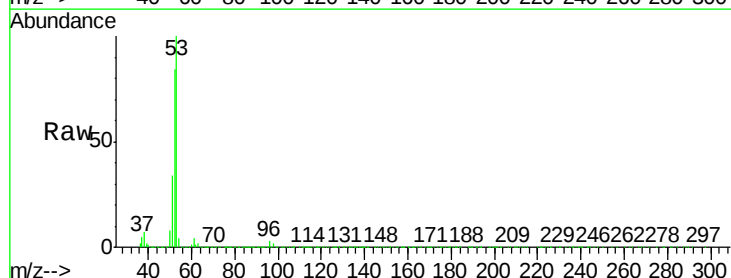
Tgt Ion: 53 Resp: 308245

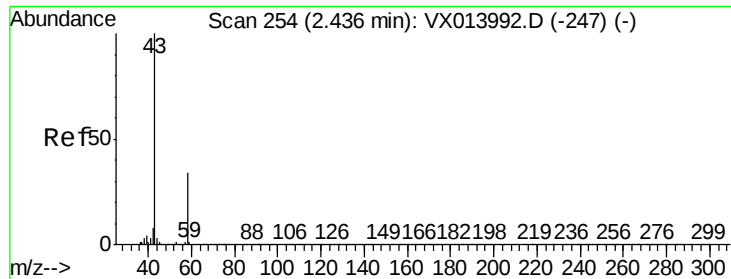
Ion Ratio Lower Upper

53 100

52 82.7 41.5 124.6

51 35.6 17.8 53.5





#15

Acetone

Concen: 108.243 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 58 Resp: 89753

Ion Ratio Lower Upper

58 100

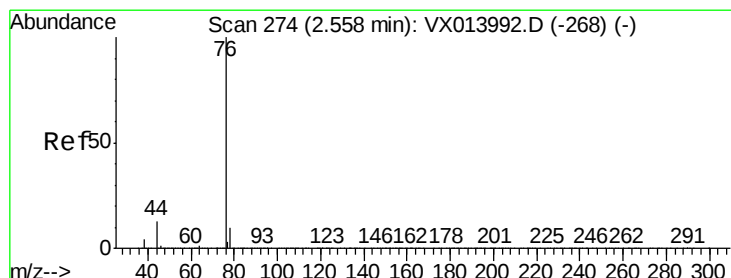
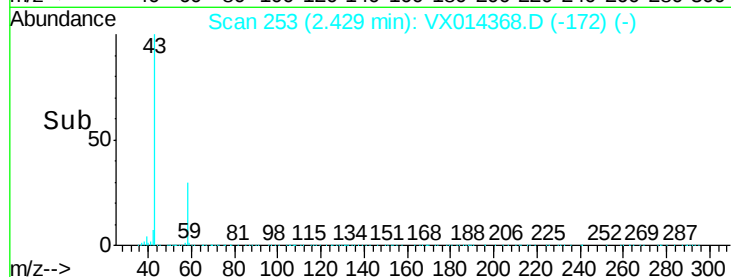
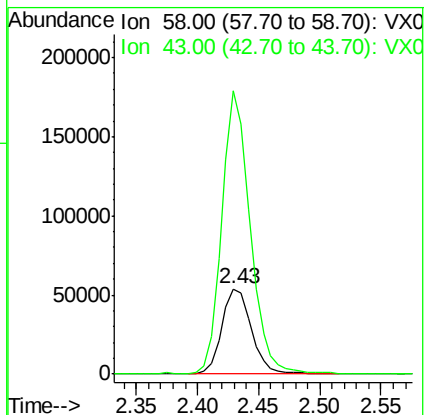
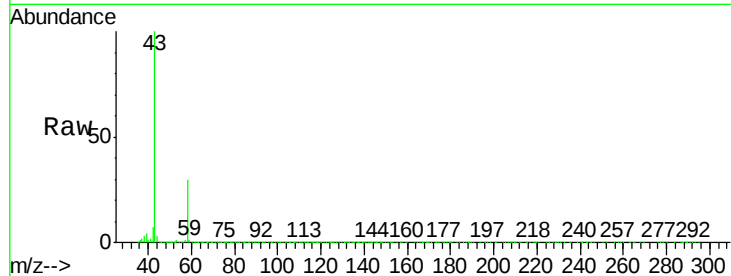
43 333.5 236.3 354.5

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#16

Carbon Disulfide

Concen: 20.422 ug/l

RT: 2.56 min Scan# 275

Delta R.T. 0.01 min

Lab File: VX014368.D

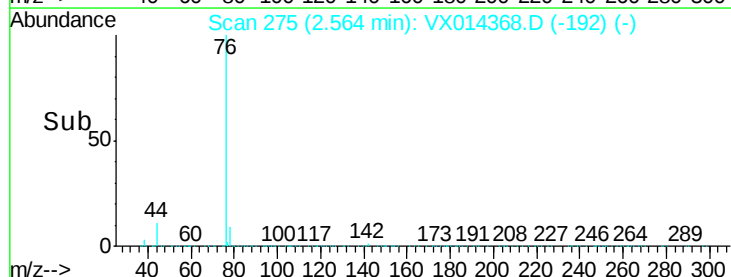
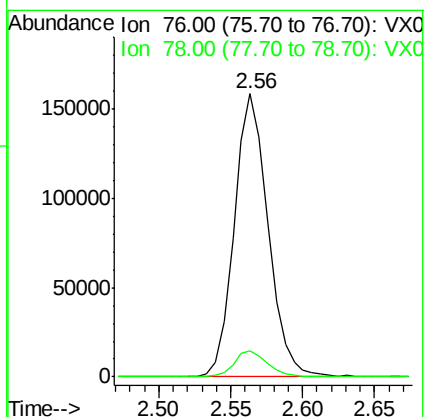
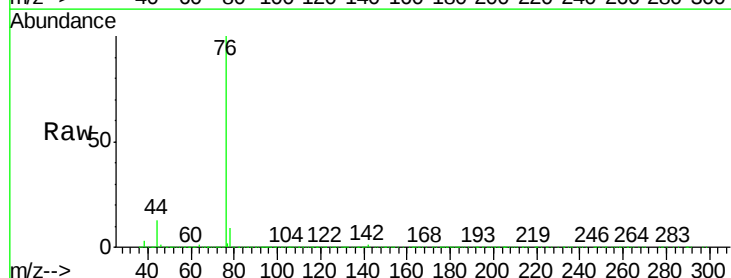
Acq: 30 Dec 2019 20:49

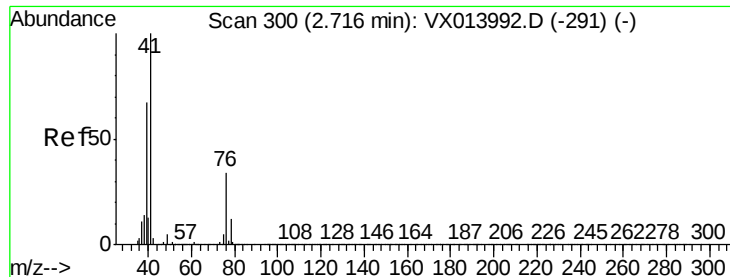
Tgt Ion: 76 Resp: 258028

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.8





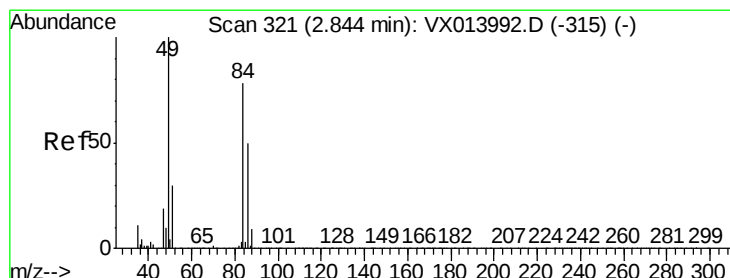
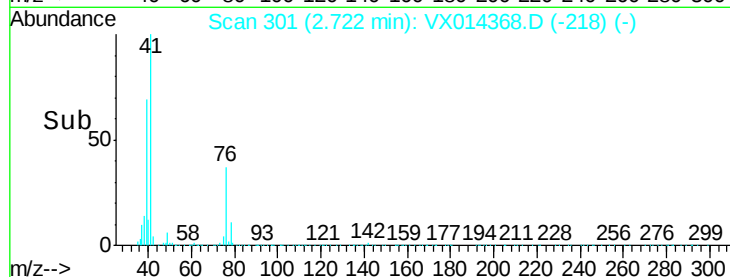
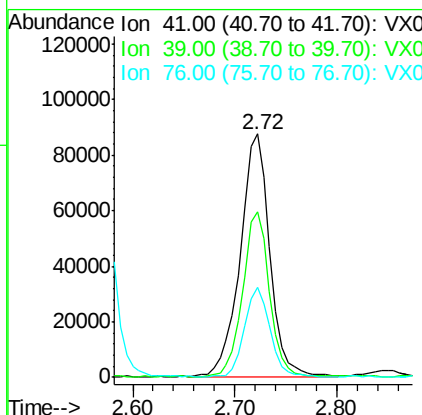
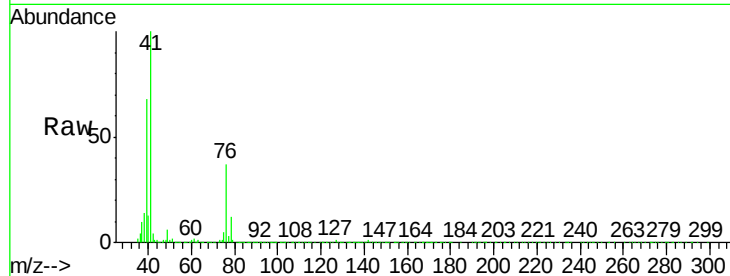
#17
Allvl chloride
Concen: 21.005 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion:	41	Resp:	176041
Ion	Ratio	Lower	Upper
41	100		
39	68.2	33.4	100.2
76	36.6	17.0	50.9

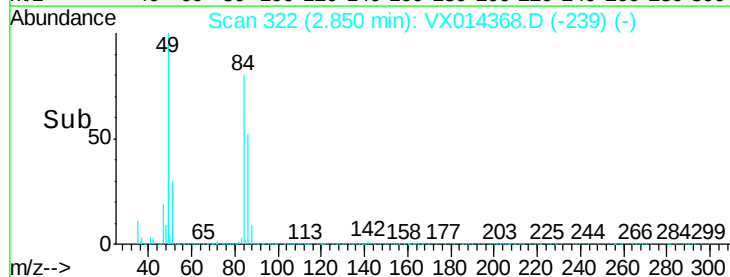
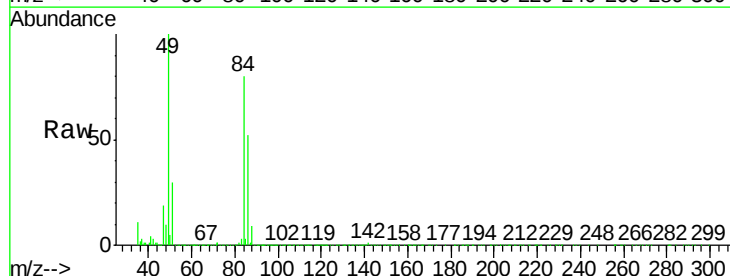
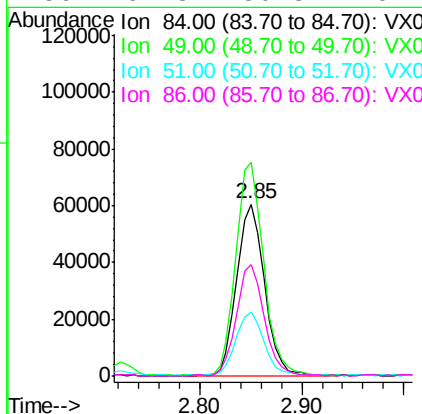
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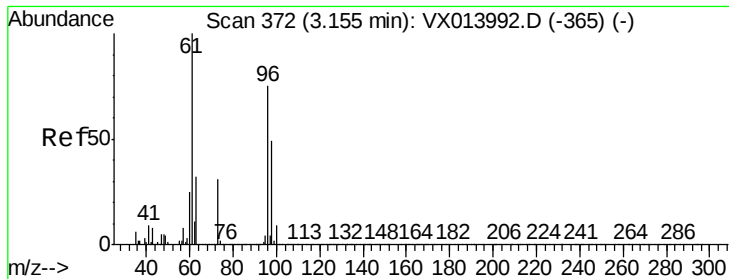
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#18
Methylene Chloride
Concen: 19.943 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion:	84	Resp:	113972
Ion	Ratio	Lower	Upper
84	100		
49	124.1	102.2	153.2
51	36.9	31.4	47.0
86	64.3	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 20.387 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

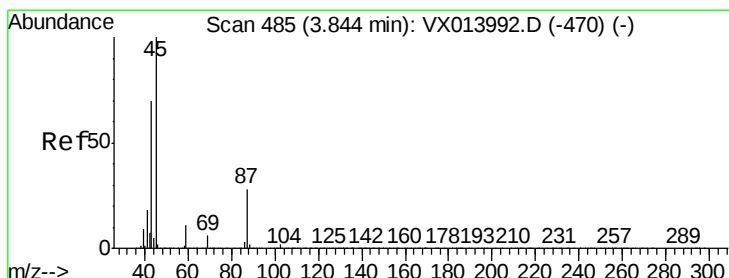
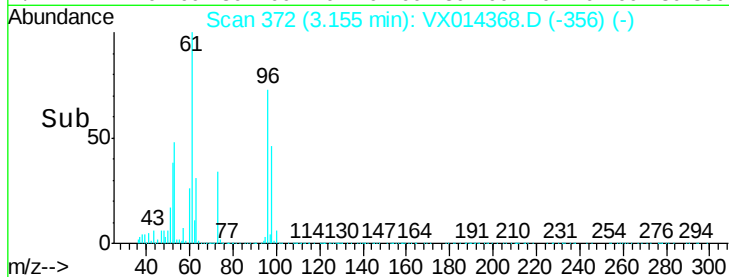
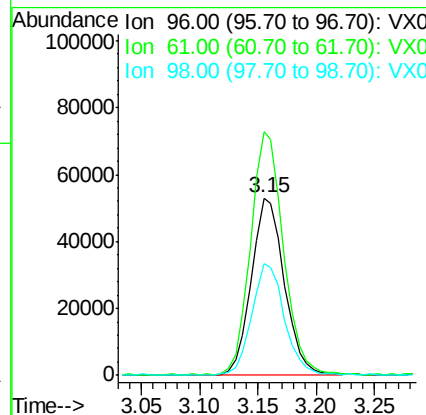
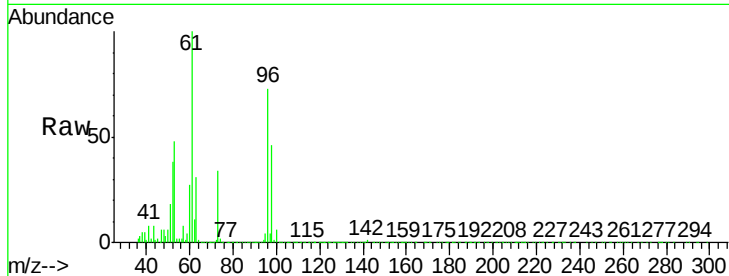
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	104123
Ion Ratio	Lower	Upper	
96	100		
61	137.0	106.6	159.8
98	62.9	51.6	77.4

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#20

Diisopropyl ether

Concen: 20.927 ug/l

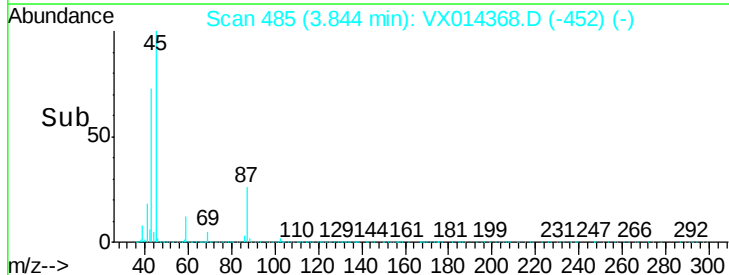
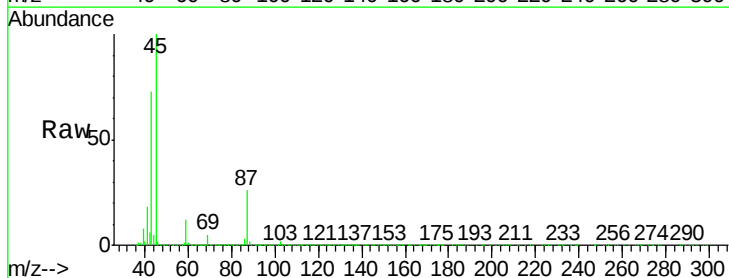
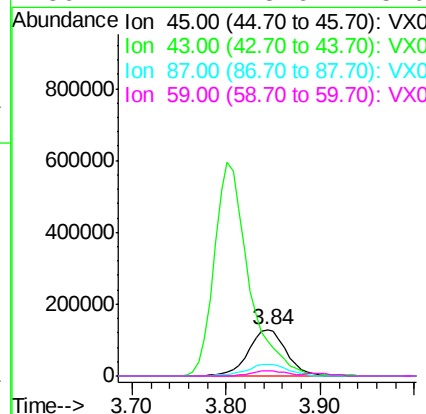
RT: 3.84 min Scan# 485

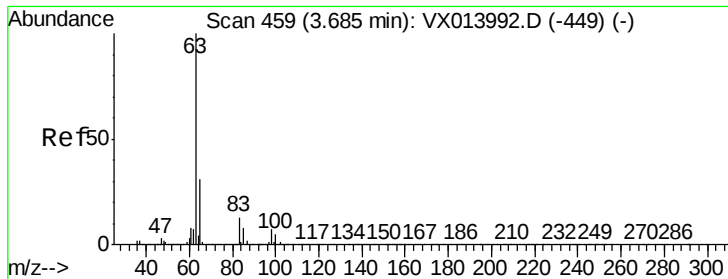
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	45	Resp:	359872
Ion Ratio	Lower	Upper	
45	100		
43	71.4	55.9	83.9
87	26.0	22.2	33.2
59	12.4	8.6	13.0





#21

1,1-Dichloroethane

Concen: 20.178 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.01 min

Lab File: VX014368.D

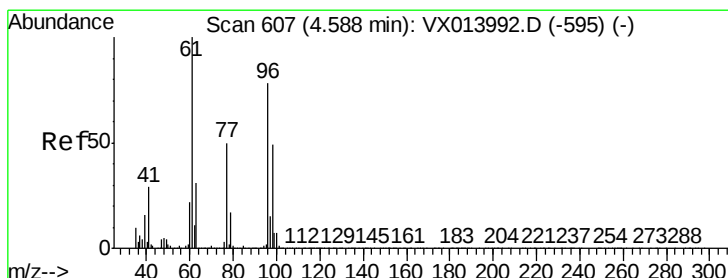
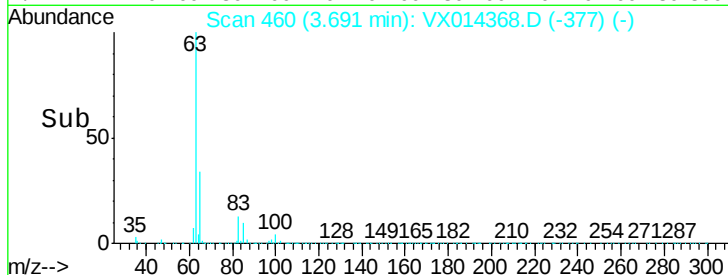
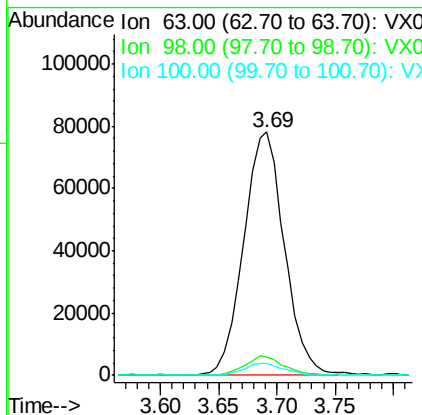
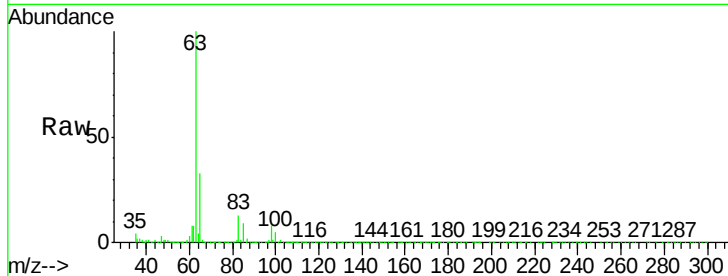
Acq: 30 Dec 2019 20:49

Tot Ion:	63	Resp:	188323
Ion Ratio	Lower	Upper	
63	100		
98	7.3	3.4	10.1
100	4.8	2.5	7.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

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#22

cis-1,2-Dichloroethene

Concen: 19.878 ug/l

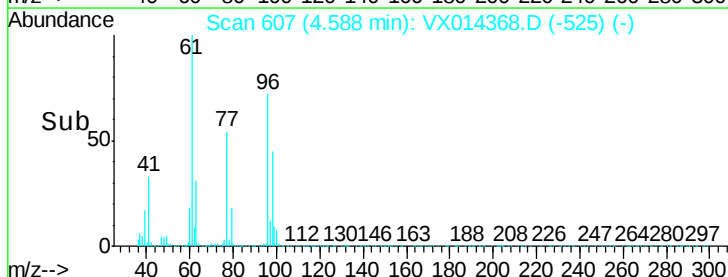
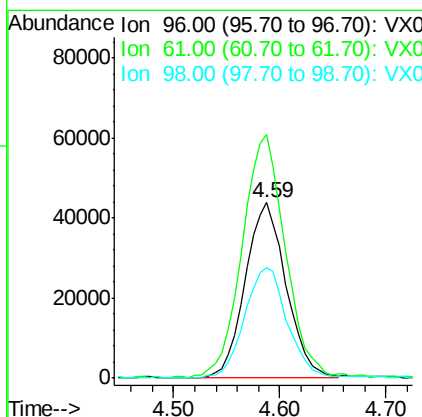
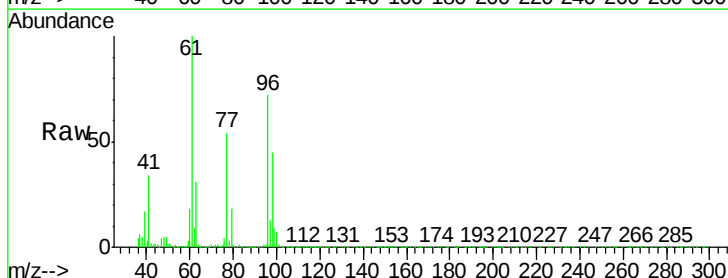
RT: 4.59 min Scan# 607

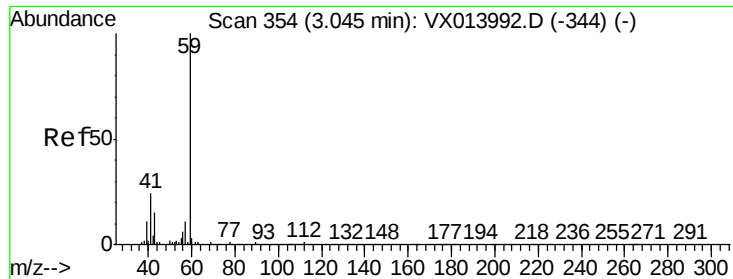
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	96	Resp:	117688
Ion Ratio	Lower	Upper	
96	100		
61	144.7	112.4	168.6
98	65.1	50.3	75.5





#23

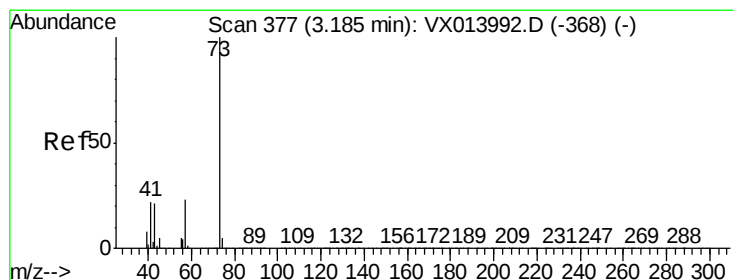
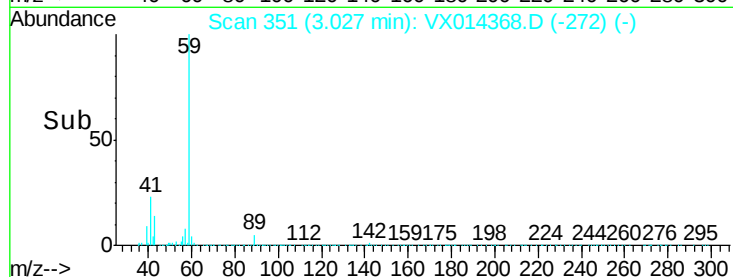
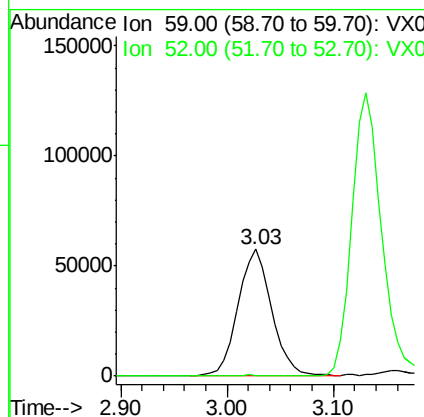
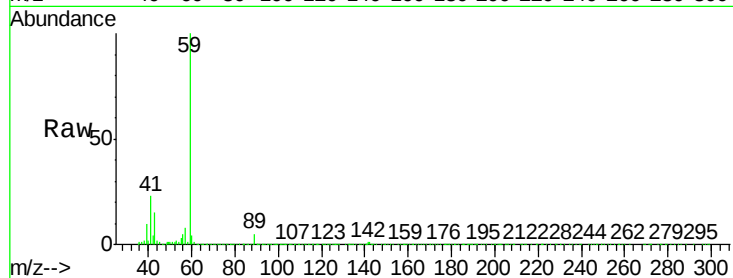
tert-Butyl Alcohol
Concen: 115.589 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.02 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.2	0.2

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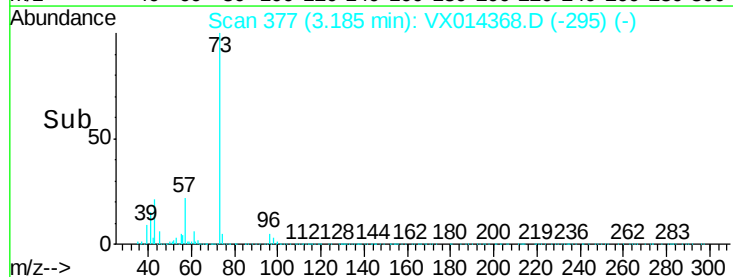
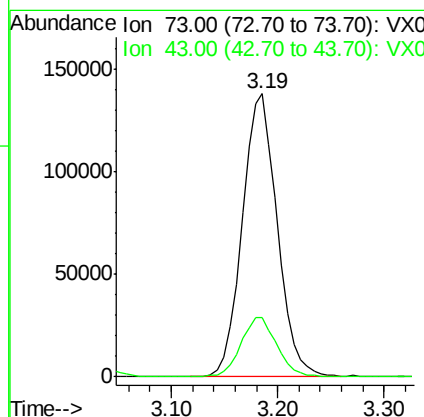
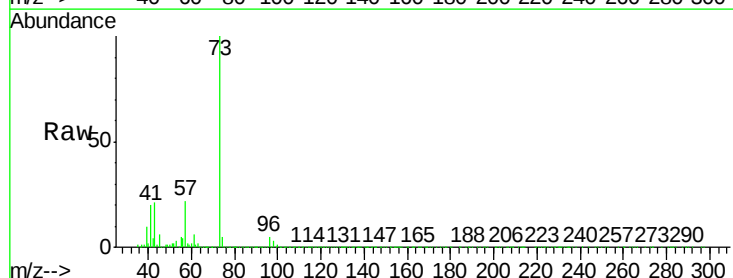
apatel
12/31/2019 9:32:52 AM

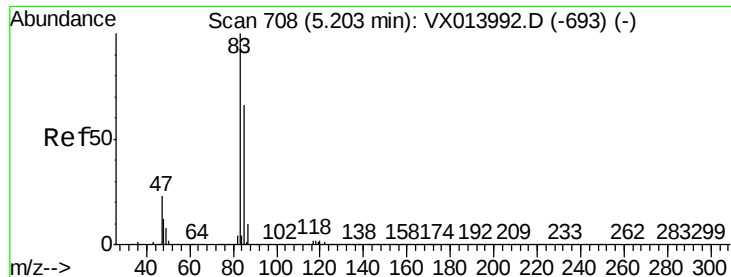


#24

Methyl tert-Butyl Ether
Concen: 20.248 ug/l
RT: 3.19 min Scan# 377
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.7	16.6	25.0





#25

Chloroform

Concen: 20.677 ug/l

RT: 5.20 min Scan# 708

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 183990

Ion Ratio Lower Upper

83 100

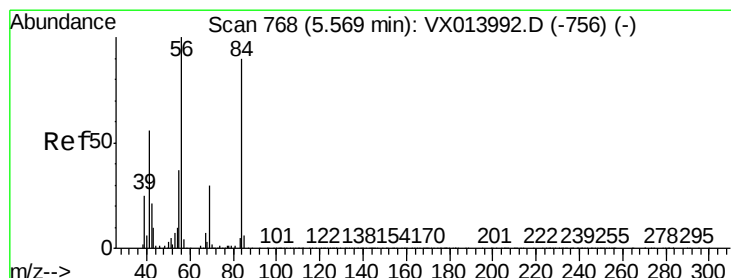
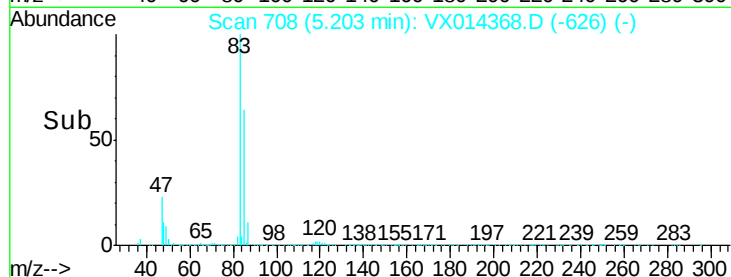
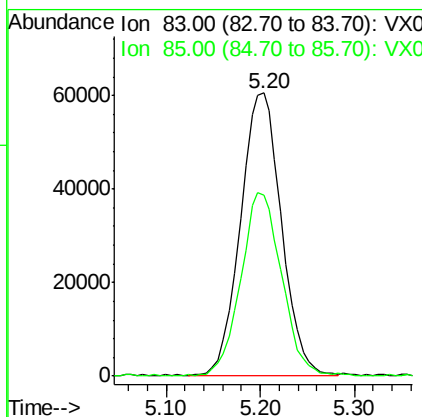
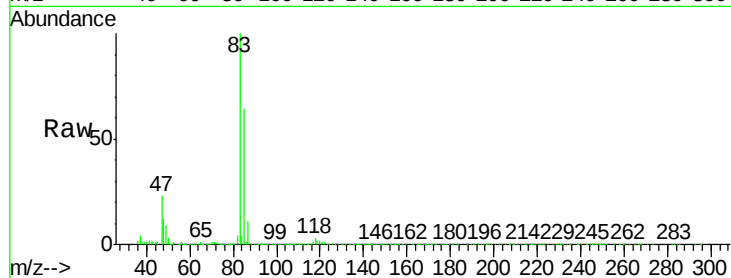
85 63.5 52.7 79.1

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#26

Cyclohexane

Concen: 20.454 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

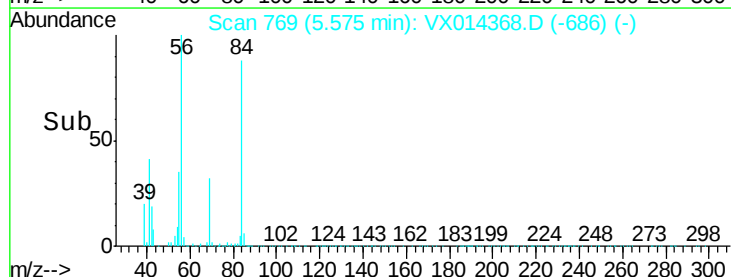
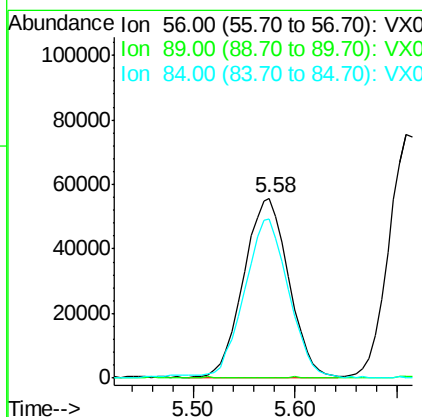
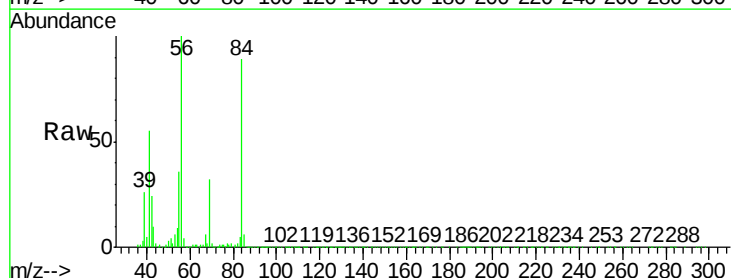
Tgt Ion: 56 Resp: 170226

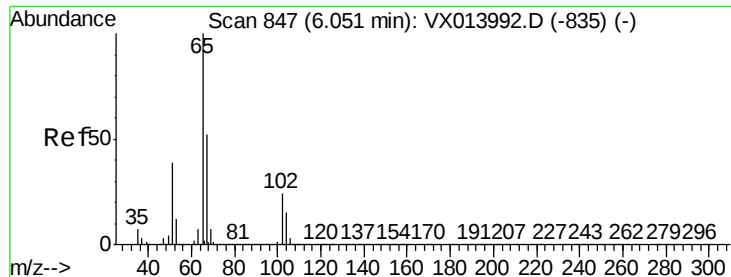
Ion Ratio Lower Upper

56 100

89 0.3 0.1 0.1#

84 86.7 70.8 106.2





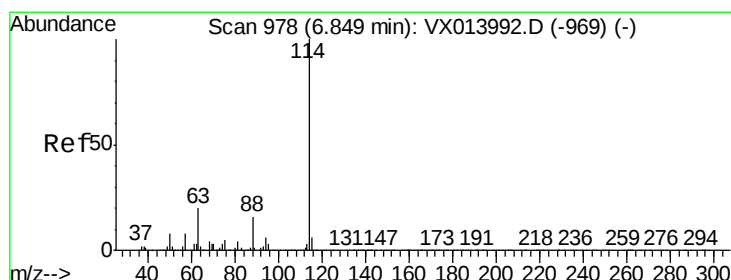
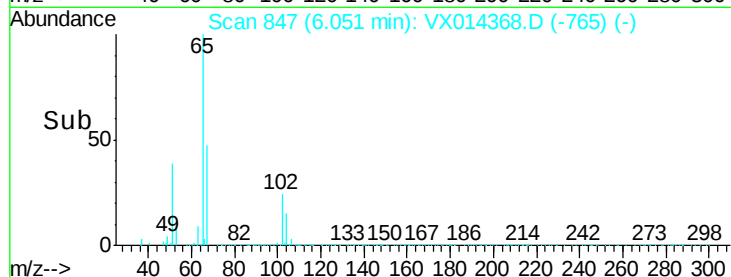
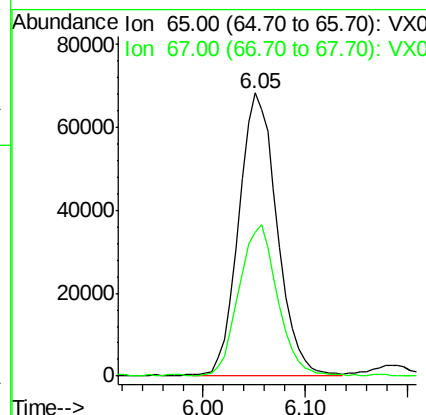
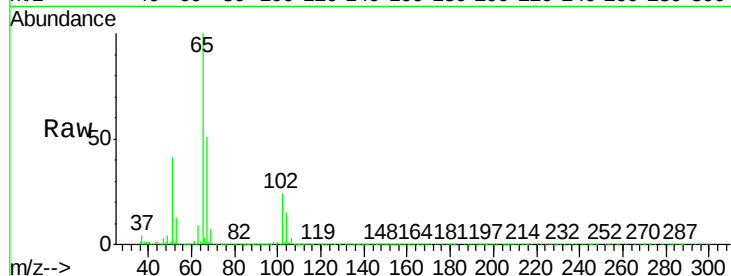
#27
 1,2-Dichloroethane-d4
 Concen: 29.534 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.8	43.1	64.7

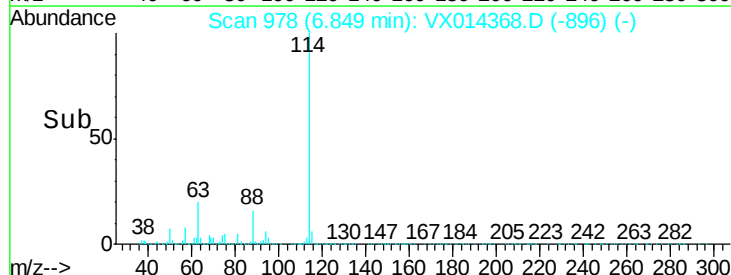
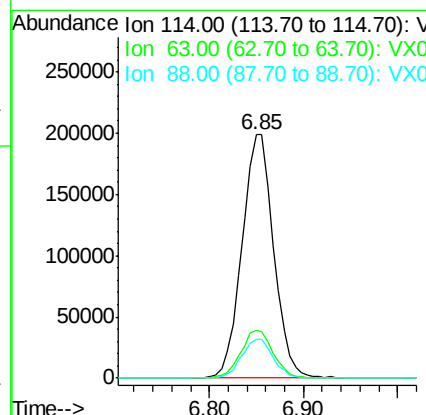
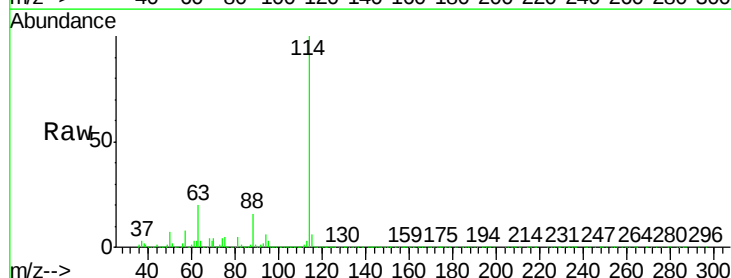
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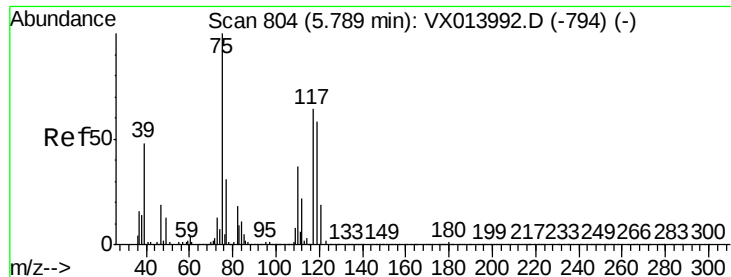
apatel
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.6	12.5	18.7





#29

1,1-Dichloropropene

Concen: 20.670 ug/l

RT: 5.79 min Scan# 805

Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

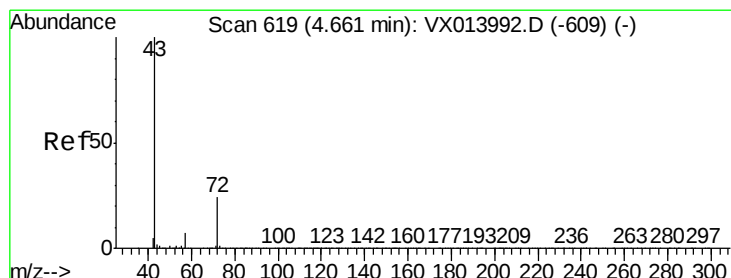
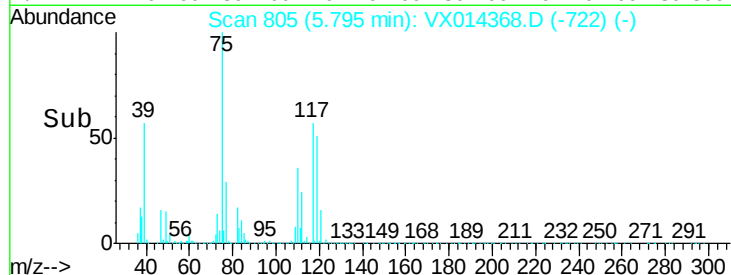
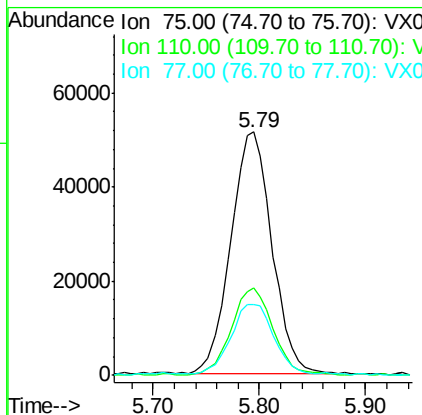
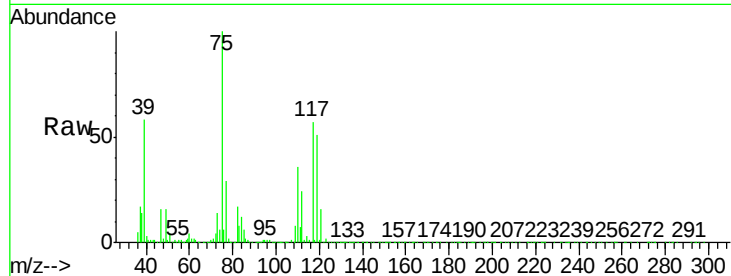
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	139356
Ion Ratio	Lower	Upper	
75	100		
110	36.1	0.0	73.8
77	30.3	0.0	62.4

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#30

2-Butanone

Concen: 108.710 ug/l

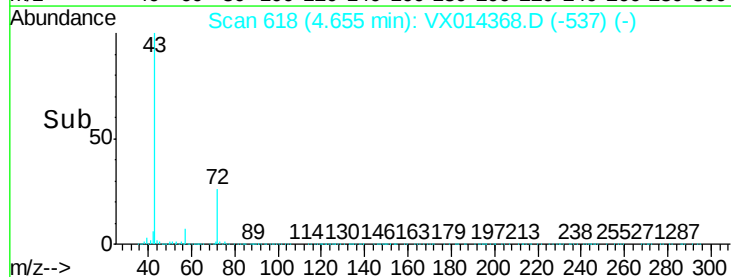
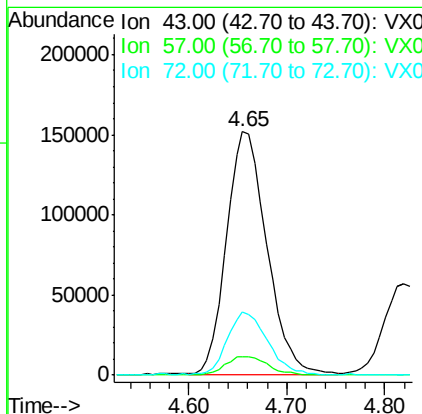
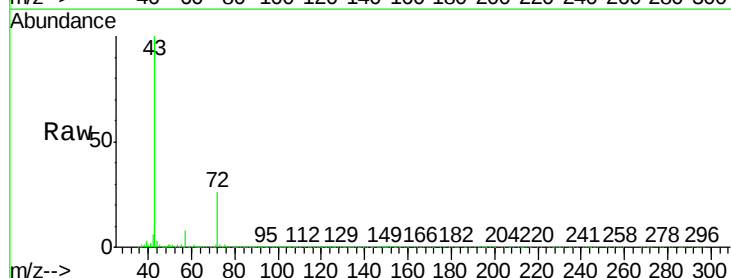
RT: 4.65 min Scan# 618

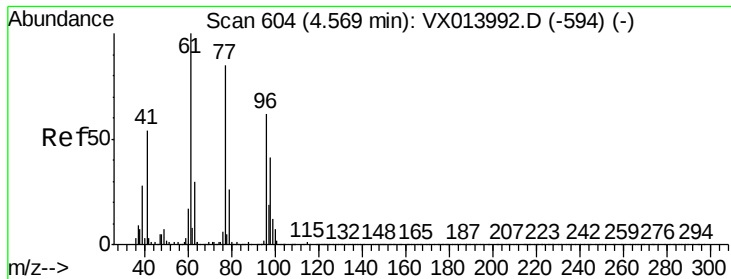
Delta R.T. -0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	43	Resp:	431998
Ion Ratio	Lower	Upper	
43	100		
57	7.7	6.2	9.2
72	25.5	20.3	30.5





#31

2,2-Dichloropropane

Concen: 21.353 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 133164

Ion Ratio Lower Upper

77 100

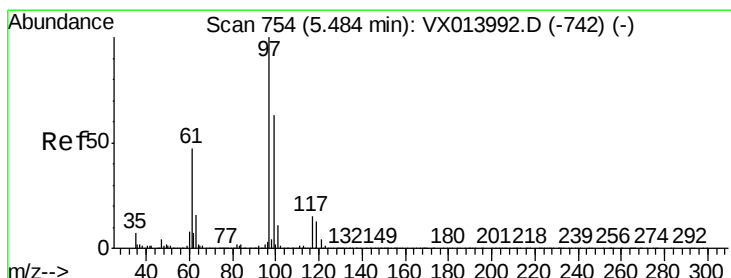
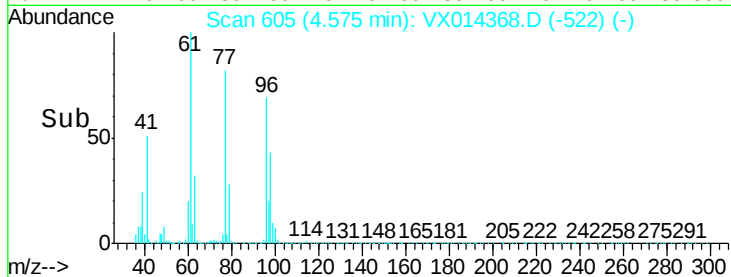
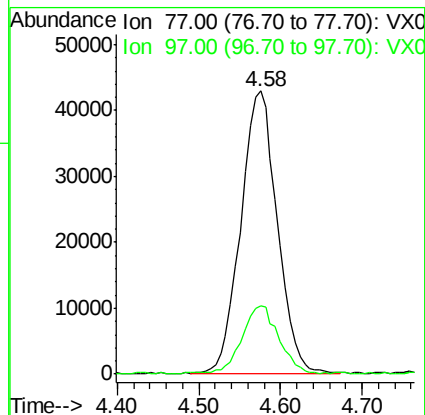
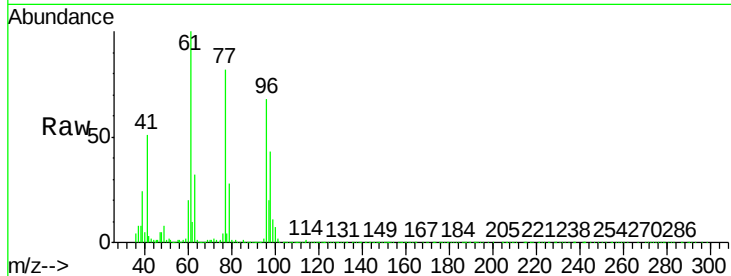
97 23.9 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 20.242 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

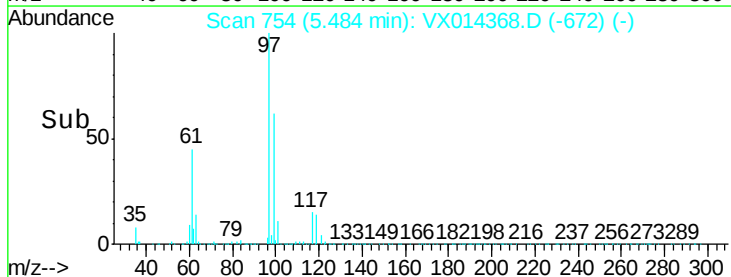
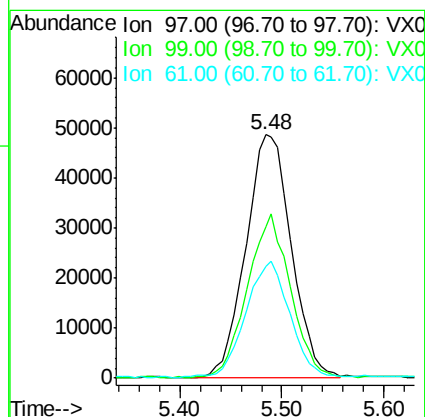
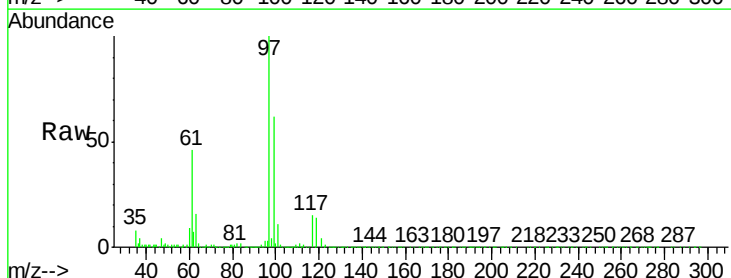
Tgt Ion: 97 Resp: 150945

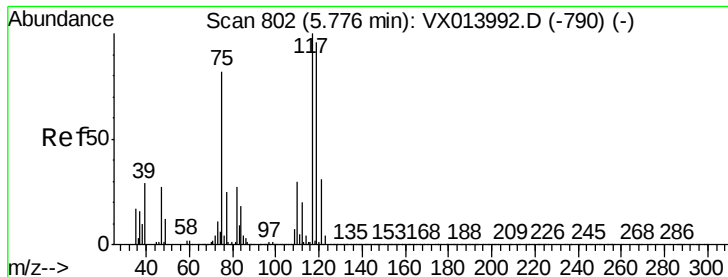
Ion Ratio Lower Upper

97 100

99 64.0 51.9 77.9

61 45.0 36.8 55.2





#33

Carbon Tetrachloride

Concen: 20.157 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

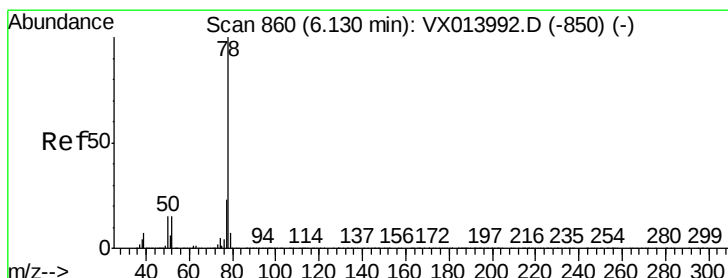
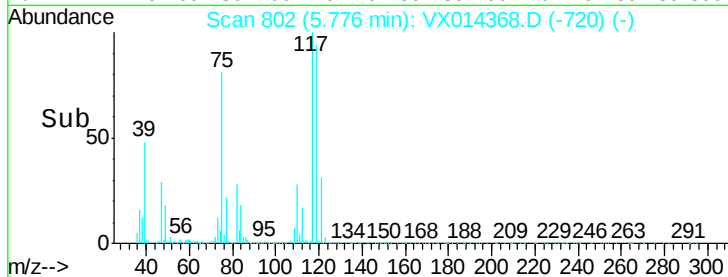
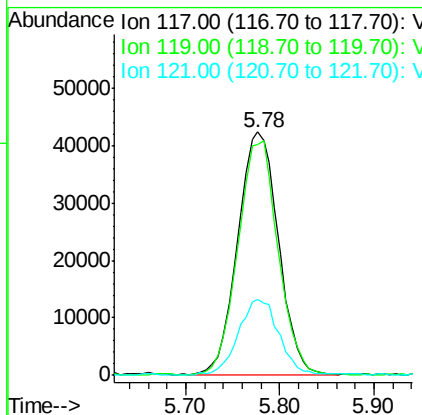
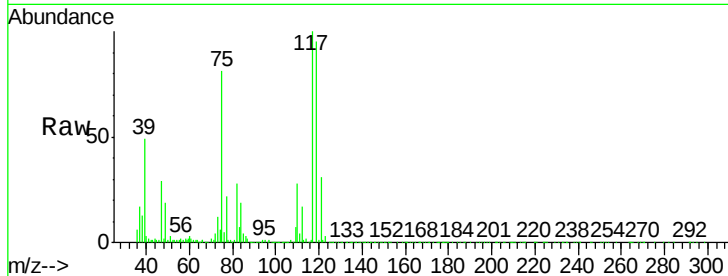
ClientSampleId :

VSTDCCC020EC

Tot Ion:	117	Resp:	127780
Ion Ratio	Lower	Upper	
117	100		
119	94.6	77.2	115.8
121	31.3	24.8	37.2

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#34

Benzene

Concen: 20.670 ug/l

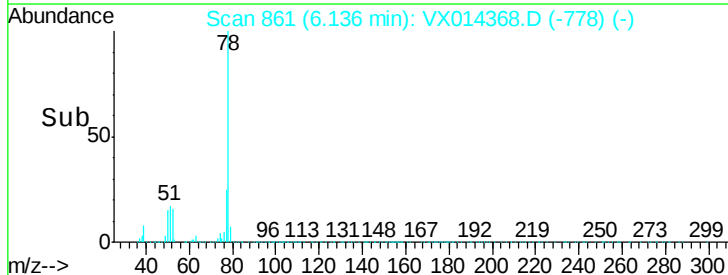
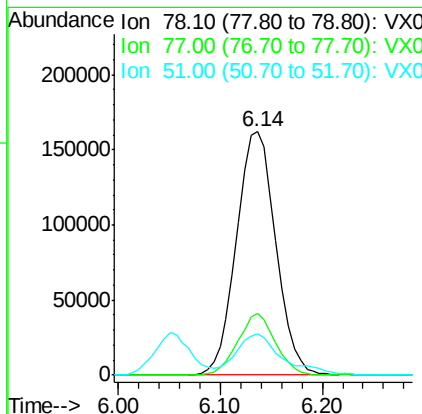
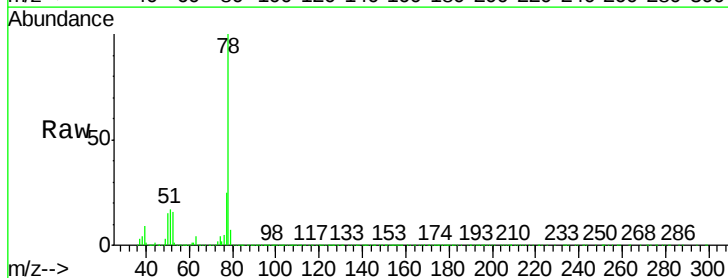
RT: 6.14 min Scan# 861

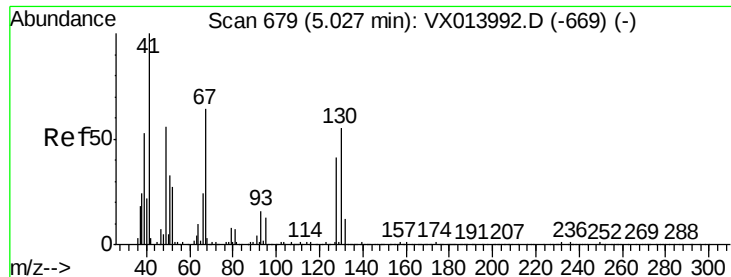
Delta R.T. 0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	78	Resp:	434536
Ion Ratio	Lower	Upper	
78	100		
77	25.2	18.2	27.2
51	16.4	12.4	18.6





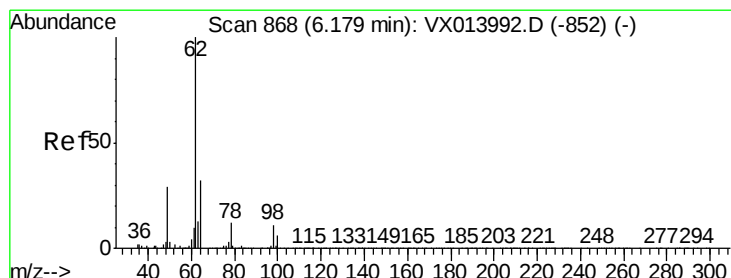
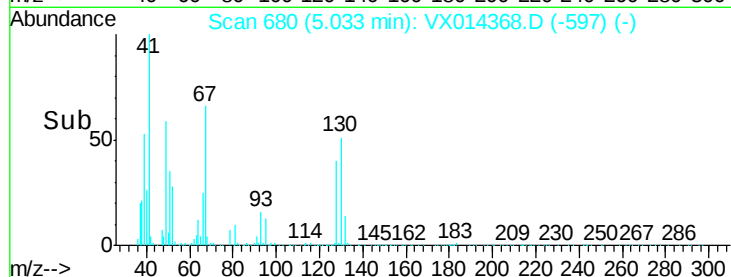
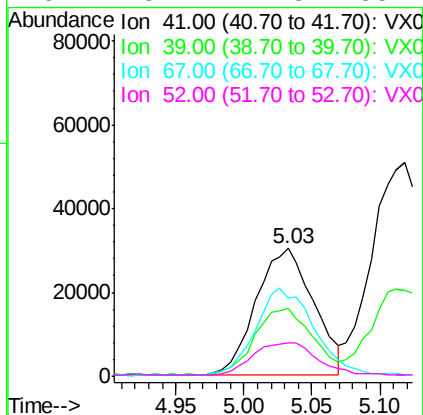
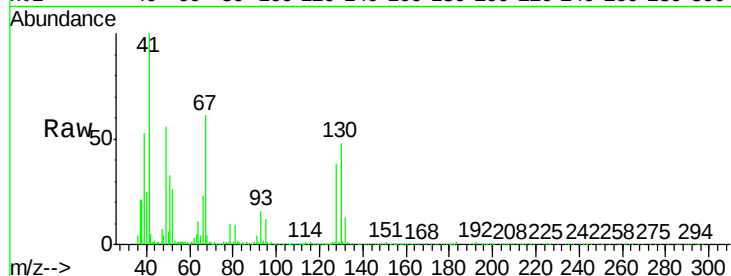
#35
Methacrylonitrile
Concen: 21.057 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	51.8	26.7	80.1	
67	61.2	31.5	94.5	
52	25.1	12.8	38.4	

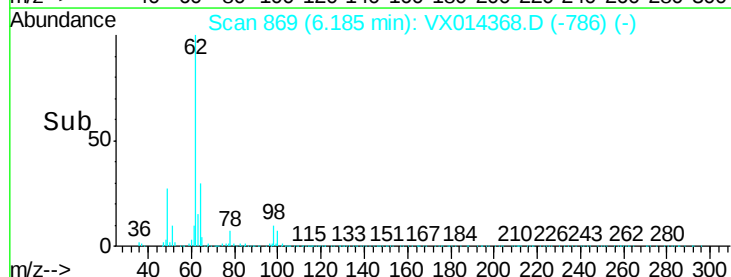
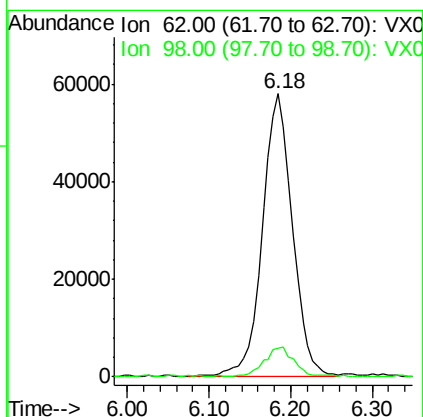
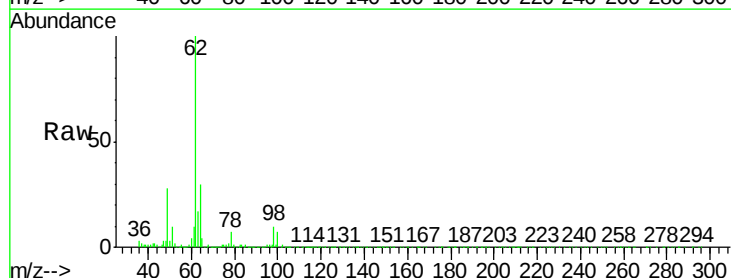
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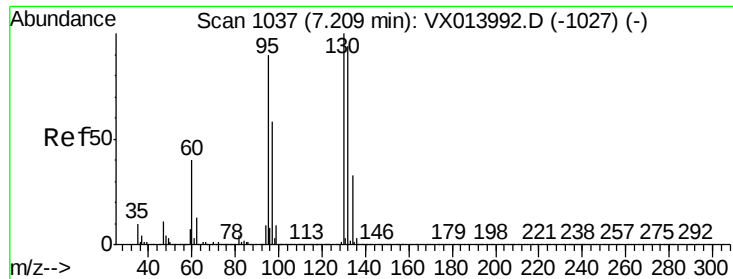
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#36
1,2-Dichloroethane
Concen: 20.409 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.3	8.4	12.6	





#37

Trichloroethene

Concen: 20.231 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 115725

Ion Ratio Lower Upper

130 100

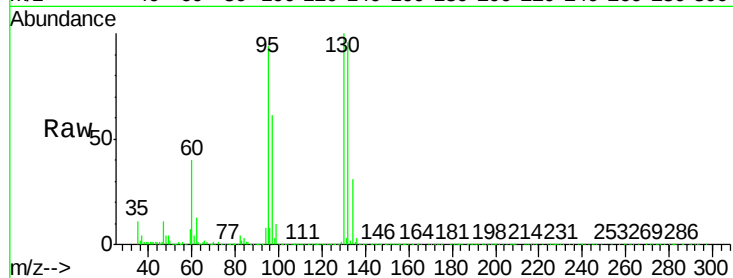
95 93.7 71.7 107.5

Manual Integrations

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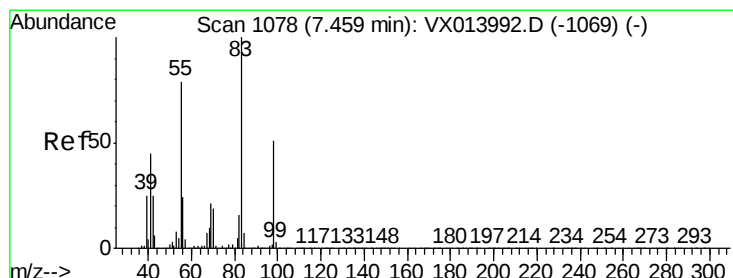
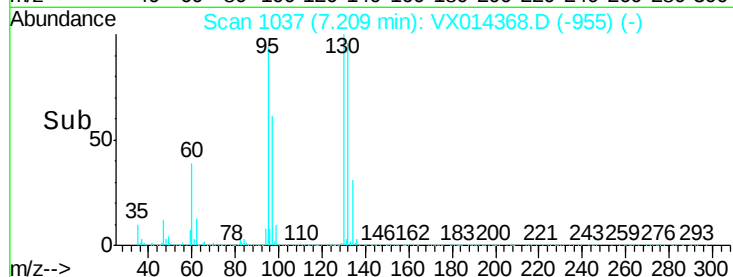
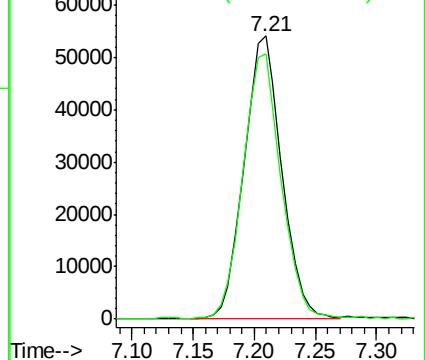
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 20.799 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

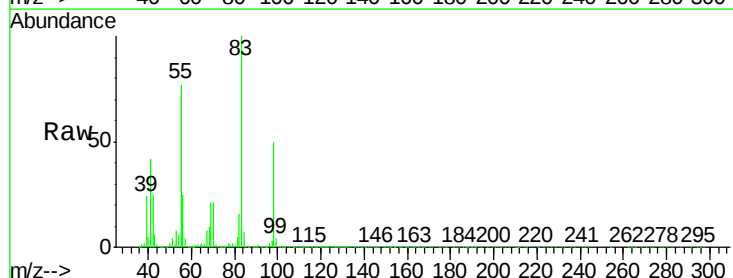
Tgt Ion: 83 Resp: 167264

Ion Ratio Lower Upper

83 100

55 78.1 39.4 118.1

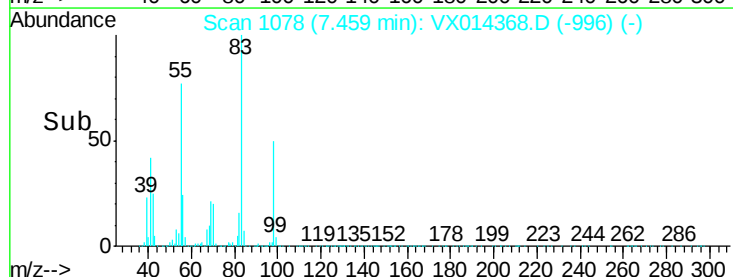
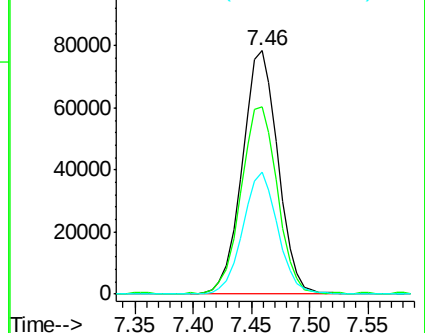
98 49.3 25.1 75.3

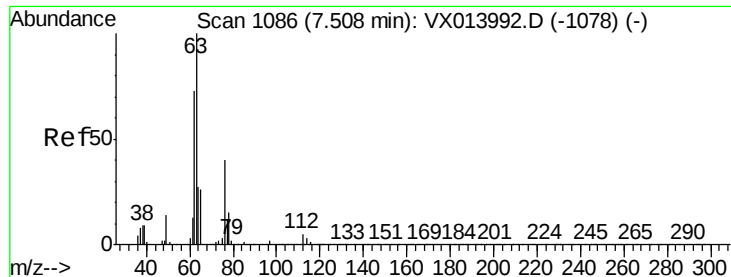


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





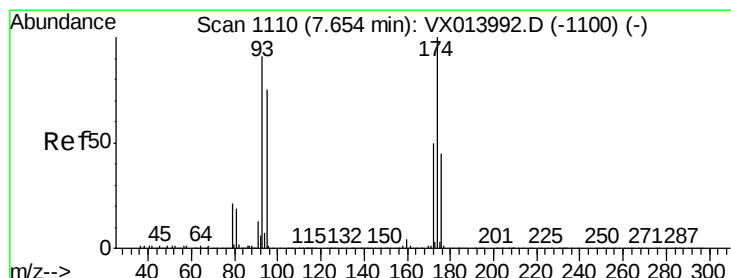
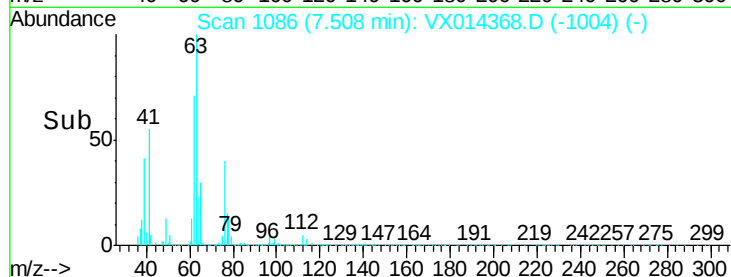
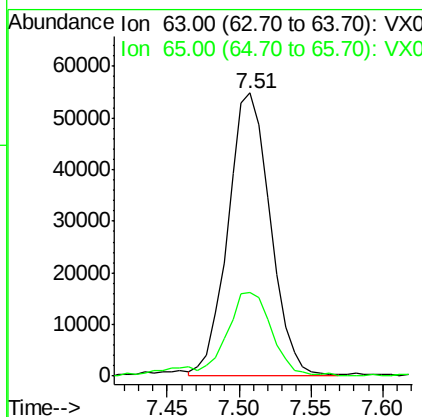
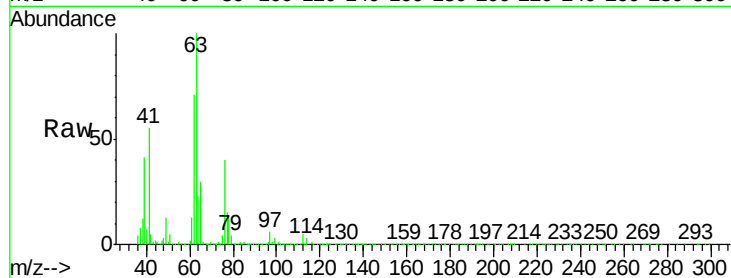
#39
 1,2-Dichloropropane
 Concen: 20.533 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	22.1	33.1

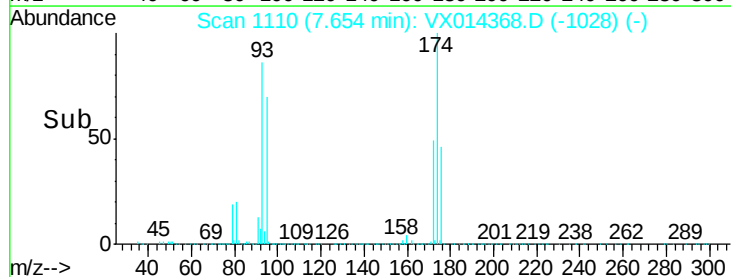
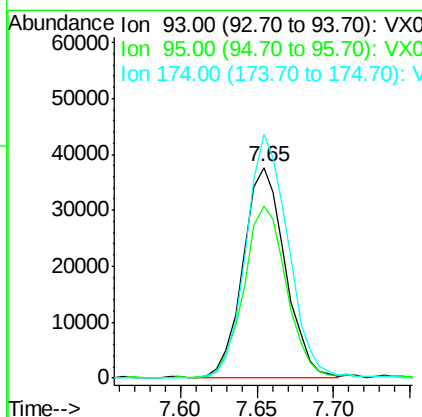
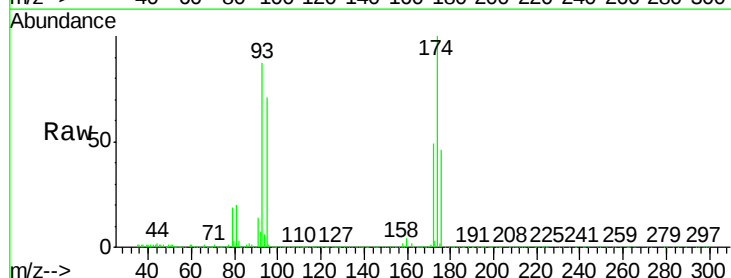
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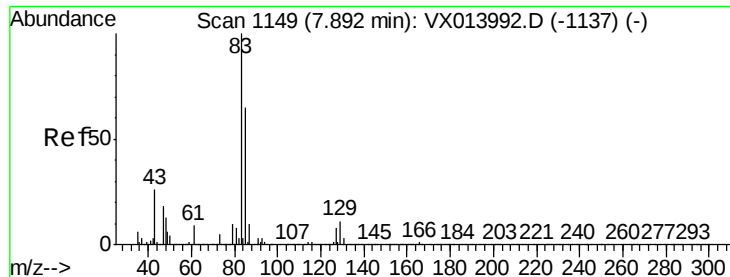
apatel
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#40
 Dibromomethane
 Concen: 20.636 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.5	0.0	164.4
174	115.7	0.0	228.8





#41

Bromodichloromethane

Concen: 20.504 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

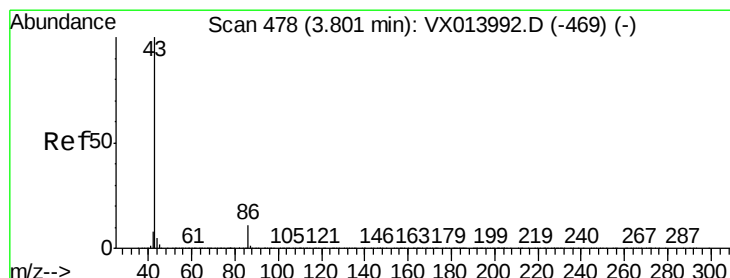
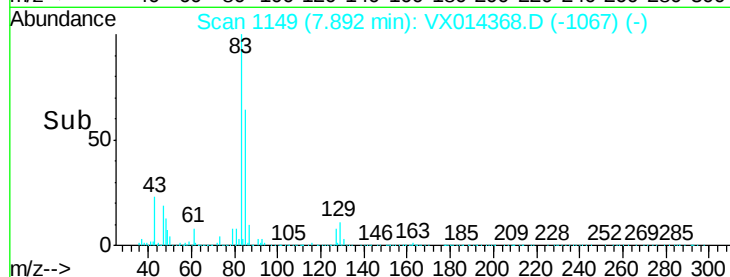
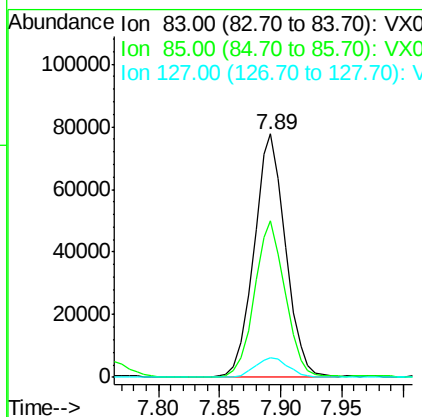
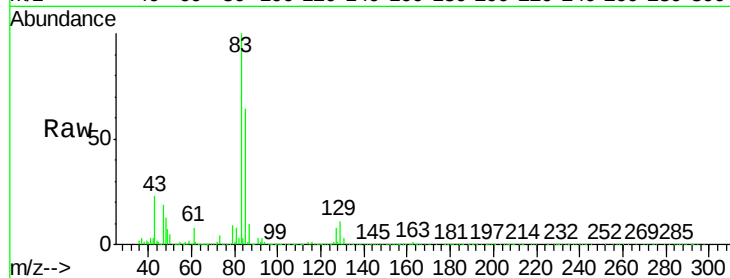
ClientSampleId :

VSTDCCC020EC

Tot Ion:	83	Resp:	138482
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.6	77.4
127	8.1	6.0	9.0

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#42

Vinyl Acetate

Concen: 107.808 ug/l

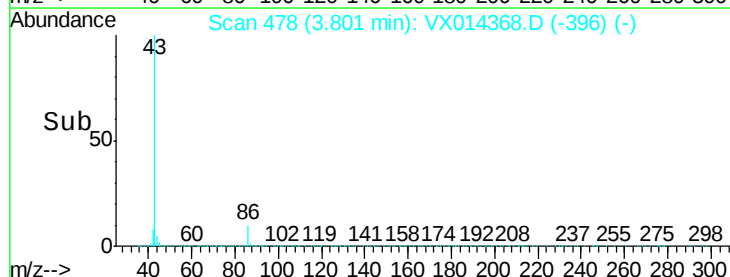
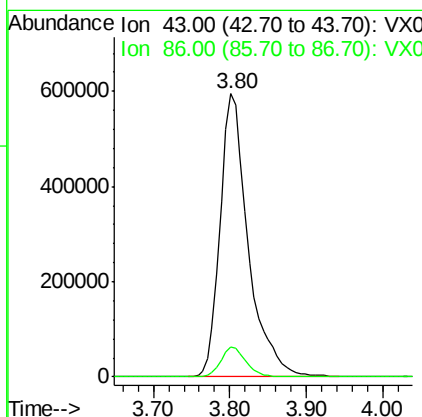
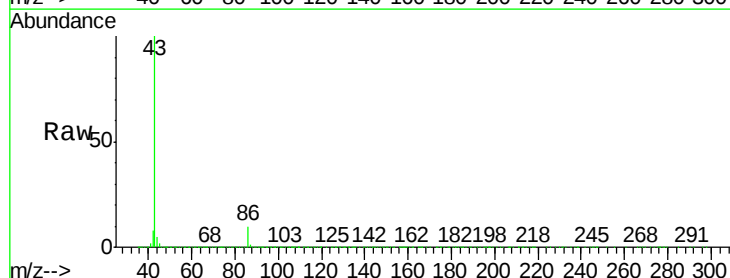
RT: 3.80 min Scan# 478

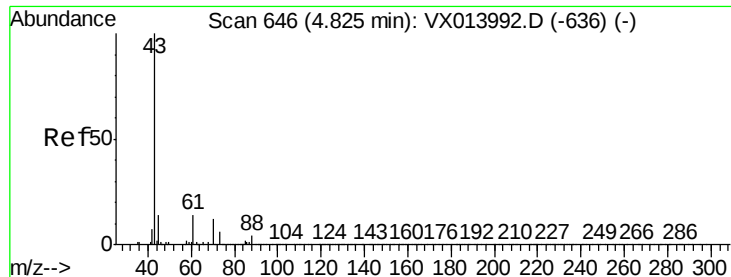
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	43	Resp:	1512548
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.7	11.5





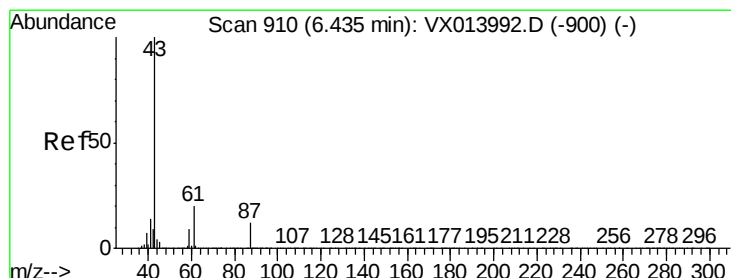
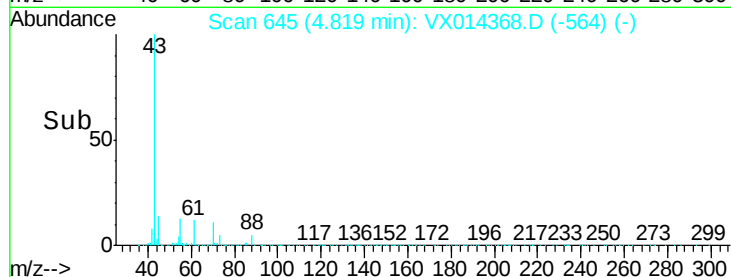
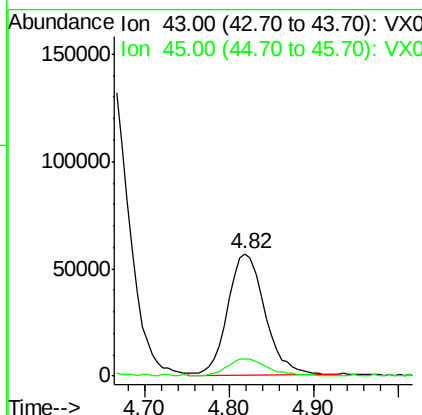
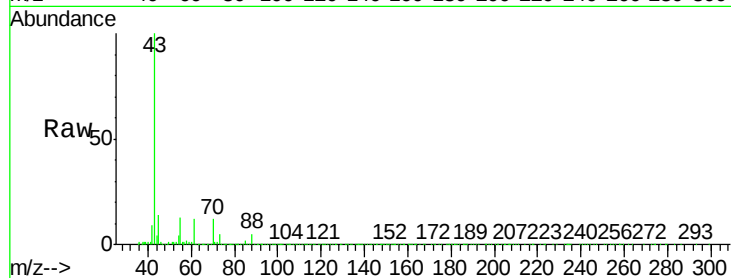
#43
Ethyl Acetate
Concen: 22.292 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC020EC

Tot Ion: 43 Resp: 169980
Ion Ratio Lower Upper
43 100
45 15.1 11.8 17.8

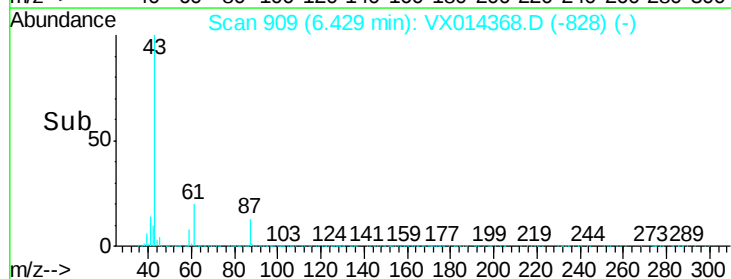
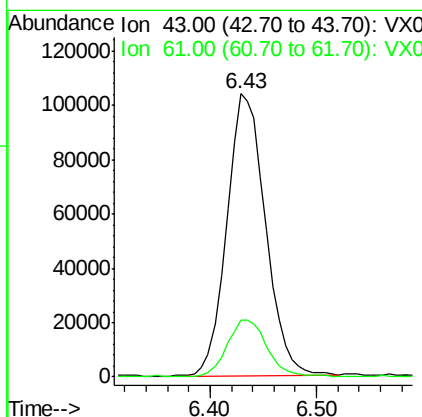
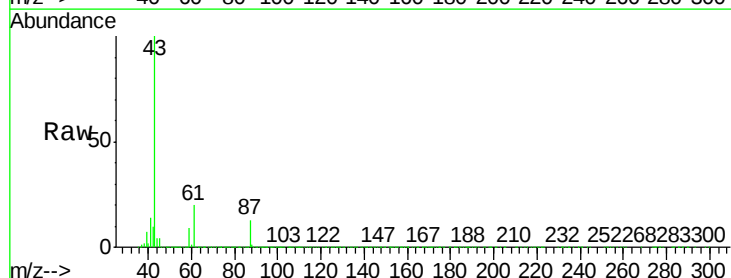
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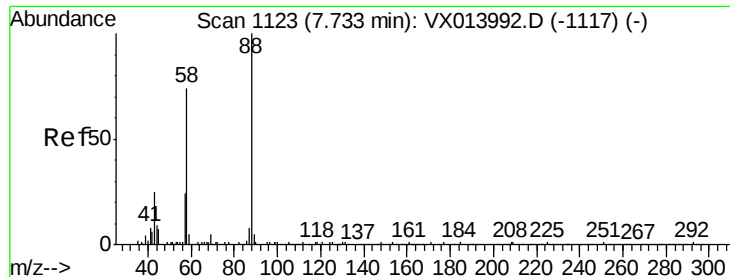
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#44
Isopropyl Acetate
Concen: 20.755 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion: 43 Resp: 265061
Ion Ratio Lower Upper
43 100
61 20.5 15.9 23.9





#45

1,4-Dioxane

Concen: 442.089 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

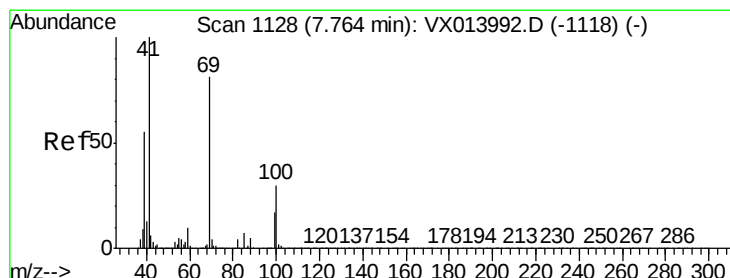
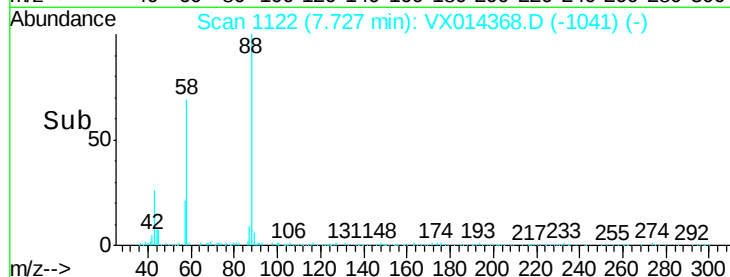
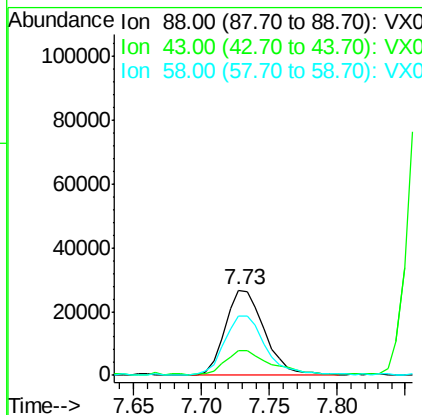
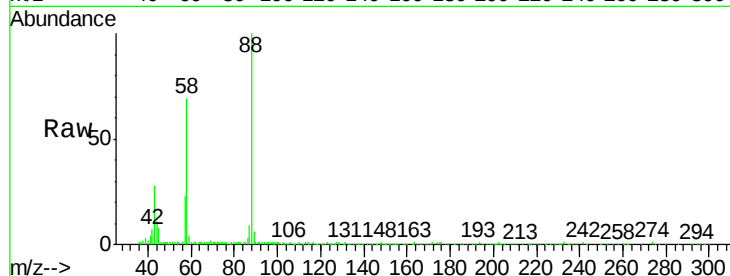
ClientSampleId :

VSTDCCC020EC

Tot Ion:	88	Resp:	52872
Ion	Ratio	Lower	Upper
88	100		
43	32.2	25.4	38.2
58	71.9	56.5	84.7

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#46

Methyl methacrylate

Concen: 20.947 ug/l

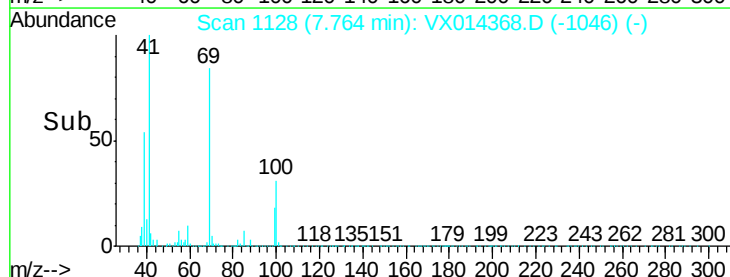
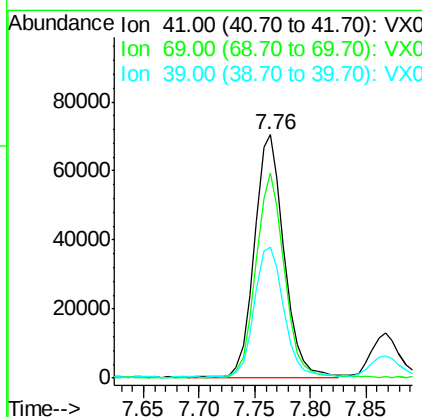
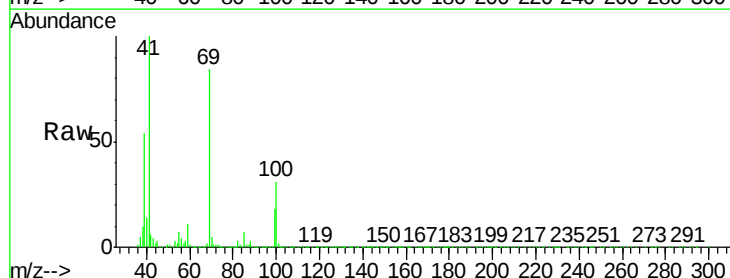
RT: 7.76 min Scan# 1128

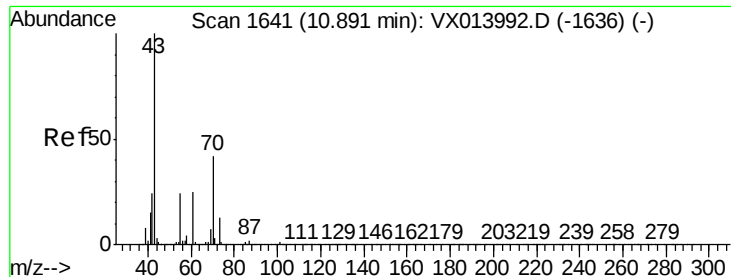
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	41	Resp:	129944
Ion	Ratio	Lower	Upper
41	100		
69	84.3	40.6	122.0
39	53.5	27.8	83.3





#47

n-amvl Acetate

Concen: 19.487 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 221286

Ion Ratio Lower Upper

43 100

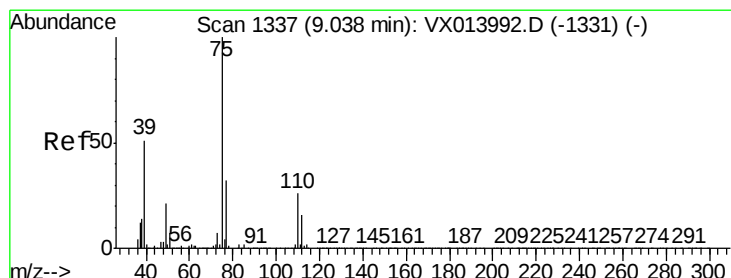
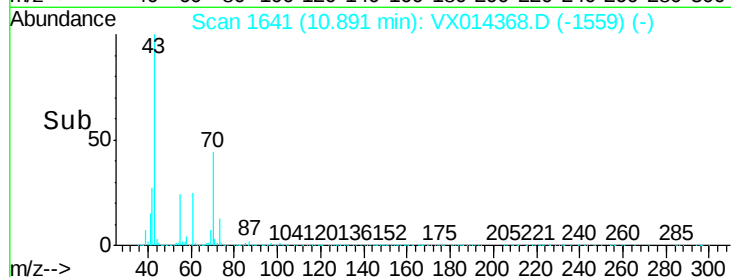
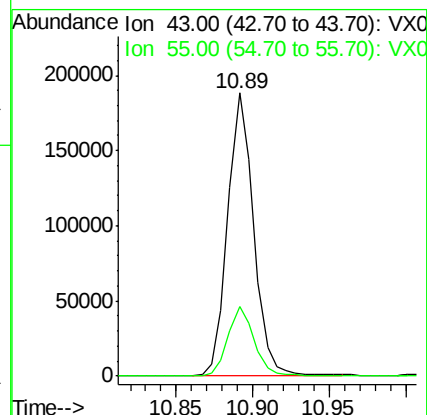
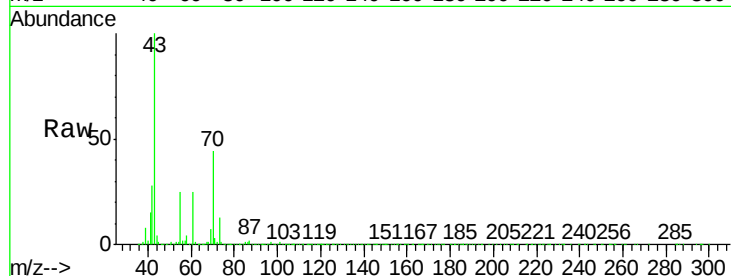
55 24.4 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 20.051 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. -0.00 min

Lab File: VX014368.D

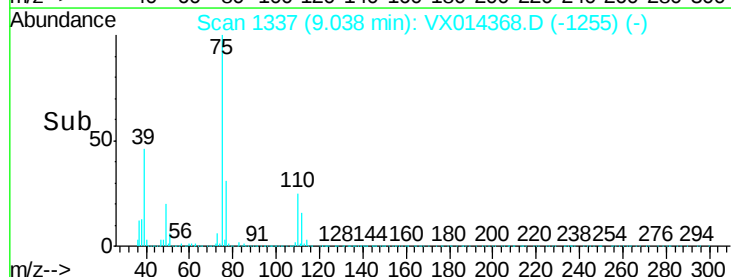
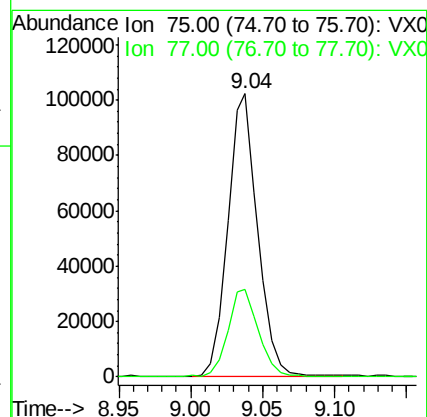
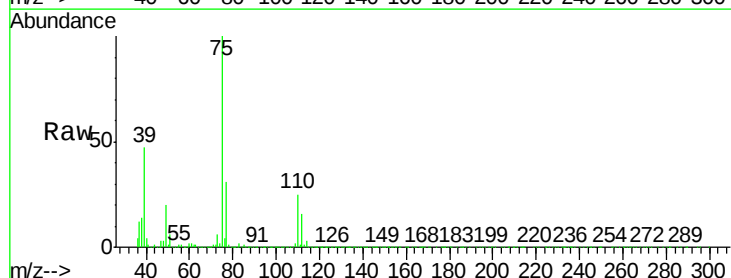
Acq: 30 Dec 2019 20:49

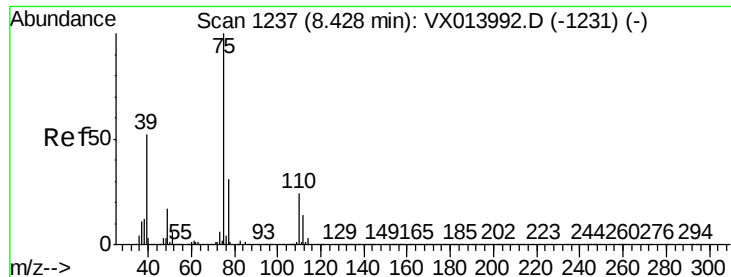
Tgt Ion: 75 Resp: 147801

Ion Ratio Lower Upper

75 100

77 30.6 26.0 39.0





#49

cis-1,3-Dichloropropene

Concen: 20.224 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

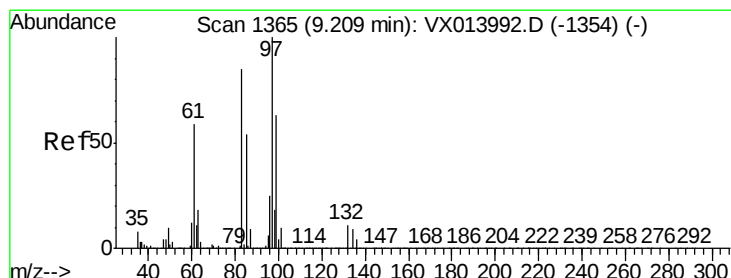
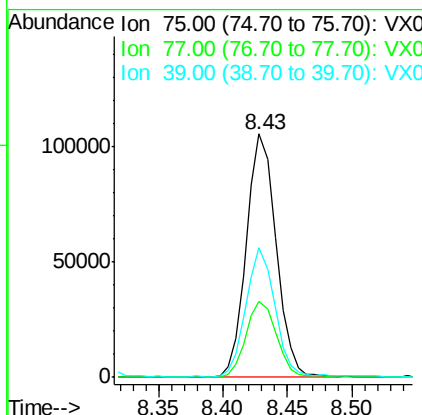
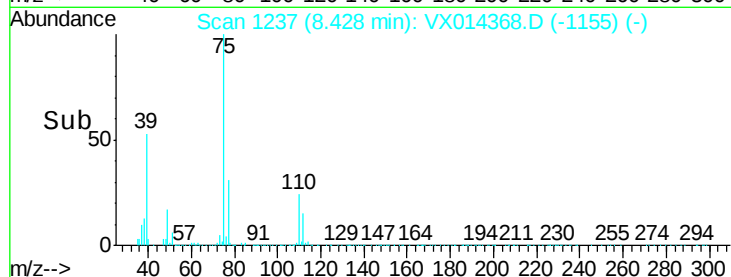
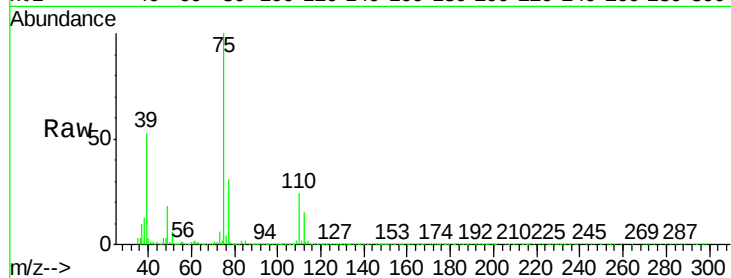
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	167654
Ion Ratio	Lower	Upper	
75	100		
77	30.8	24.8	37.2
39	53.1	41.1	61.7

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#50

1,1,2-Trichloroethane

Concen: 20.822 ug/l

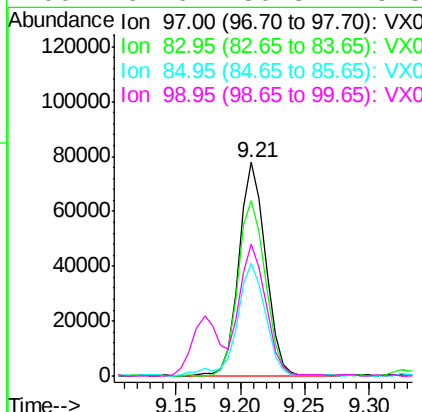
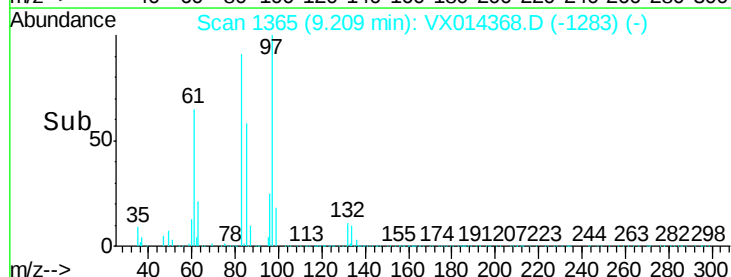
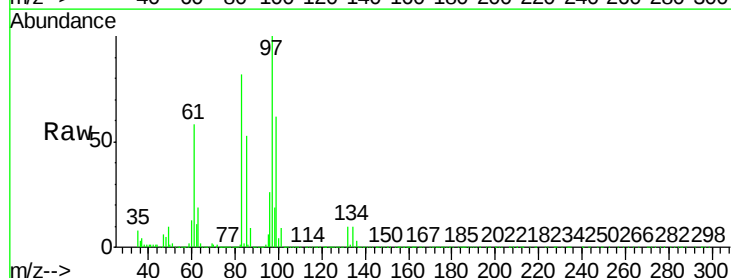
RT: 9.21 min Scan# 1365

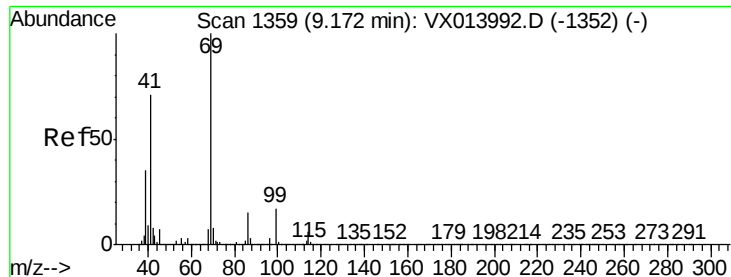
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	97	Resp:	112087
Ion Ratio	Lower	Upper	
97	100		
83	82.1	68.1	102.1
85	52.8	42.7	64.1
99	61.6	50.3	75.5





#51

Ethyl methacrylate

Concen: 20.044 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

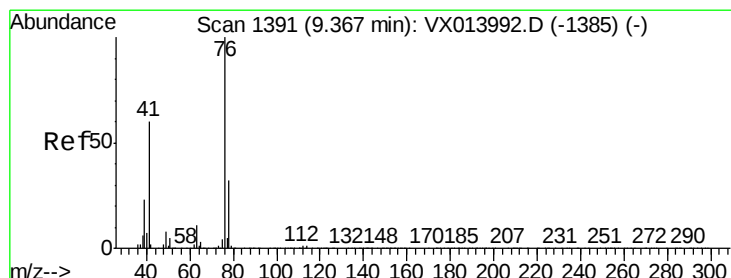
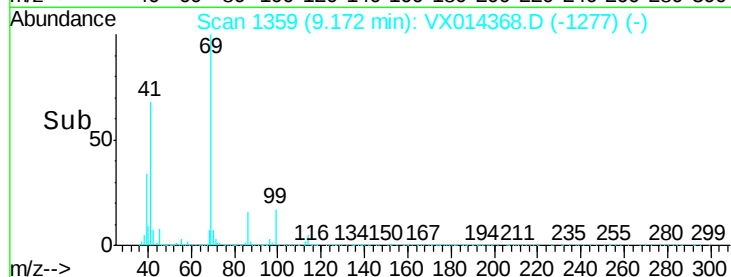
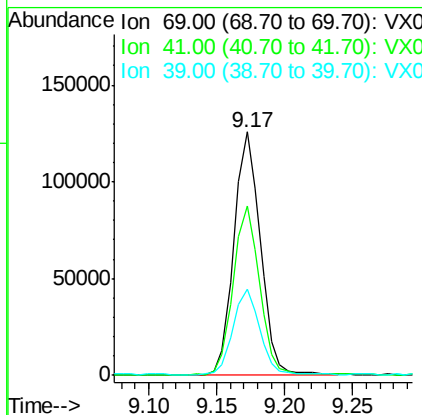
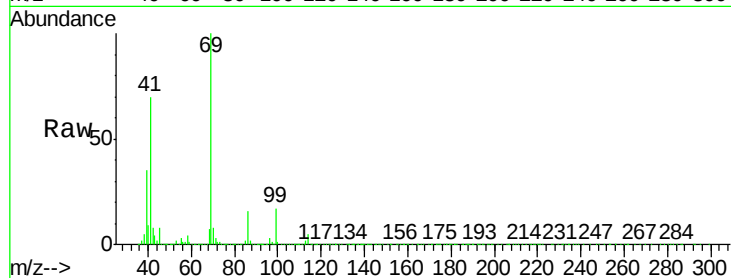
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	171626
Ion	Ratio	Lower	Upper
69	100		
41	69.5	35.4	106.1
39	35.0	17.8	53.3

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#52

1,3-Dichloropropane

Concen: 20.449 ug/l

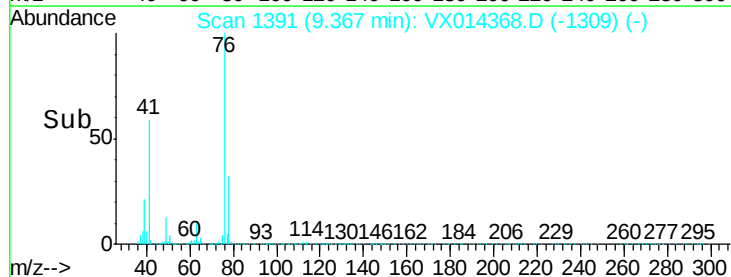
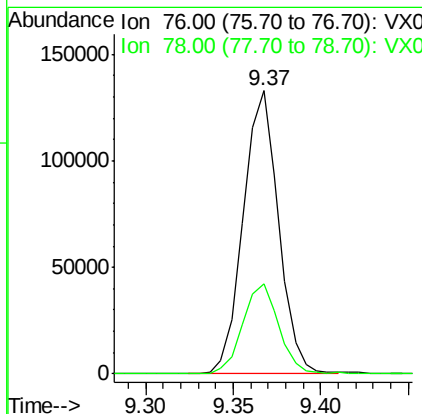
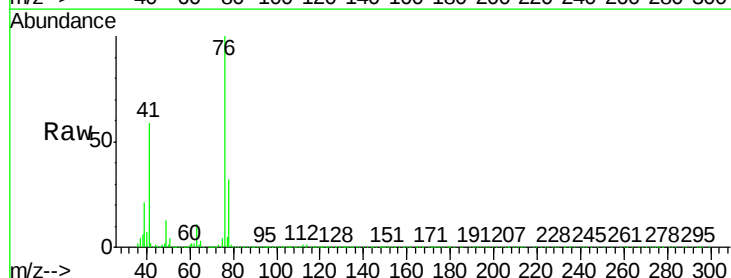
RT: 9.37 min Scan# 1391

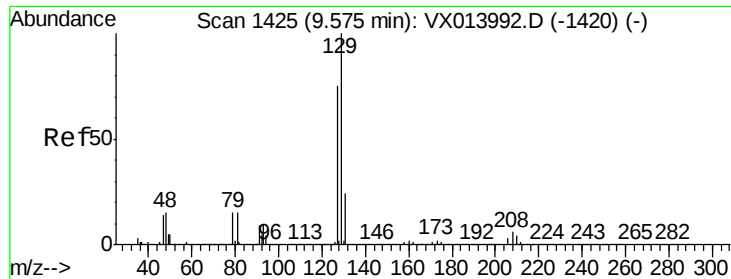
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	76	Resp:	187024
Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	63.4





#53

Dibromochloromethane

Concen: 20.055 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 107951

Ion Ratio Lower Upper

129 100

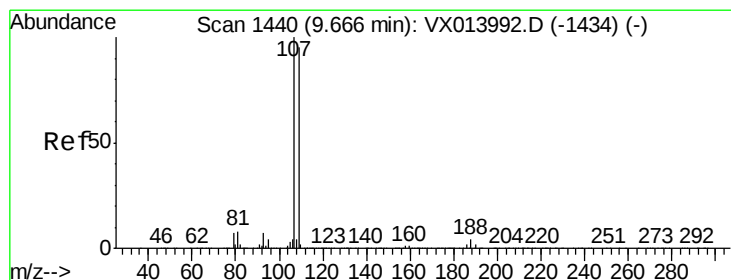
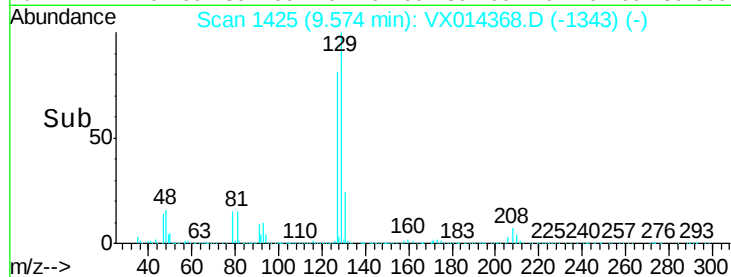
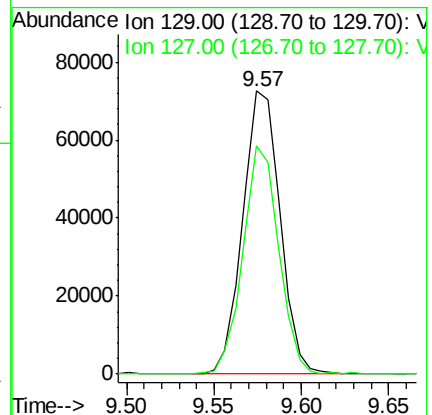
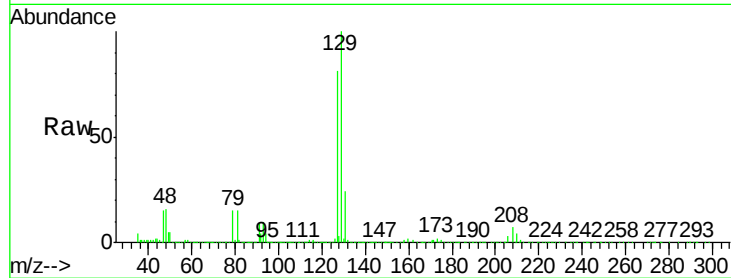
127 77.0 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 20.344 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX014368.D

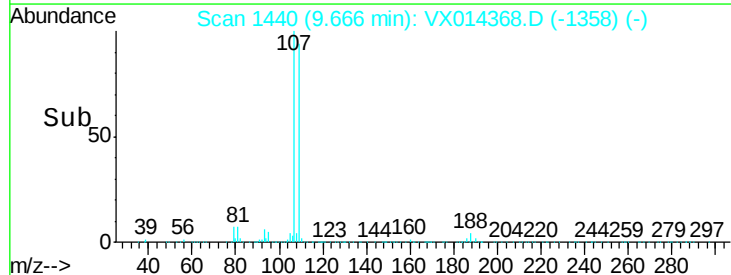
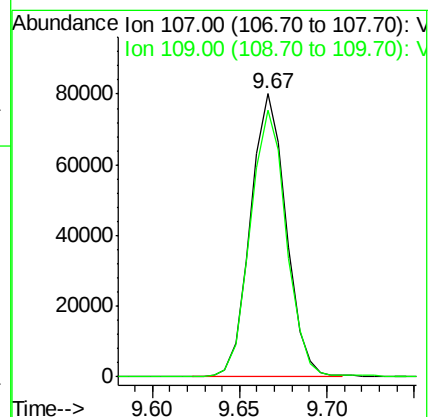
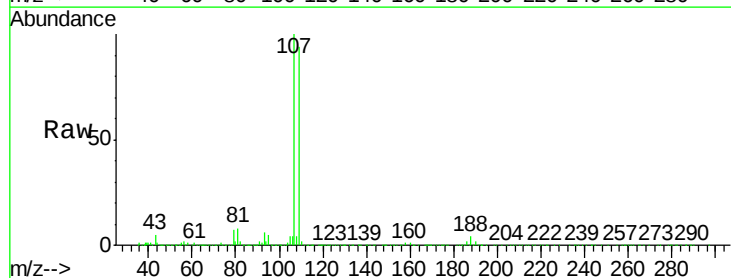
Acq: 30 Dec 2019 20:49

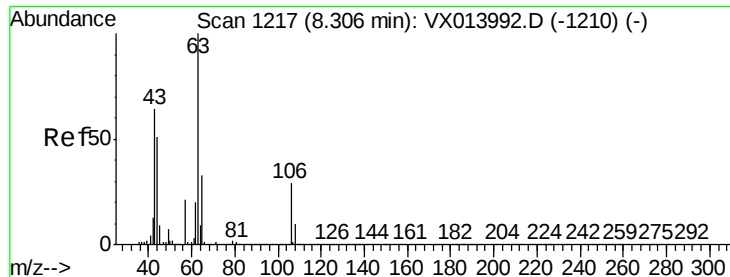
Tgt Ion:107 Resp: 112753

Ion Ratio Lower Upper

107 100

109 95.6 77.2 115.8





#55

2-Chloroethyl vinyl ether

Concen: 98.113 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

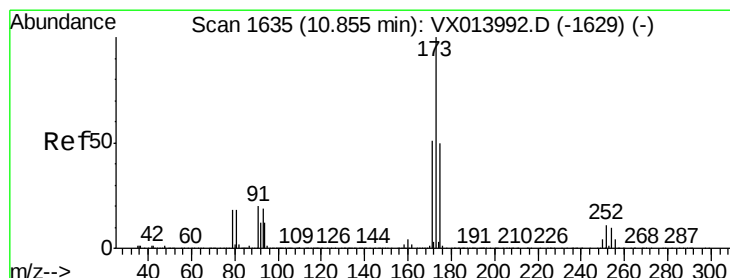
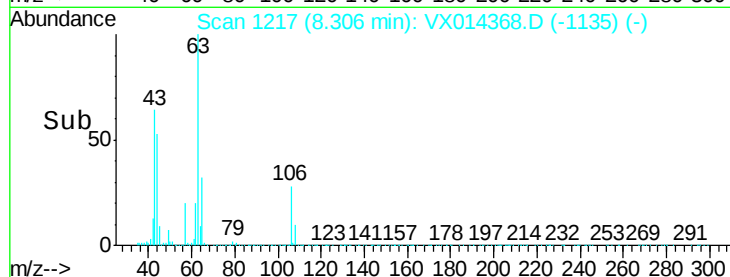
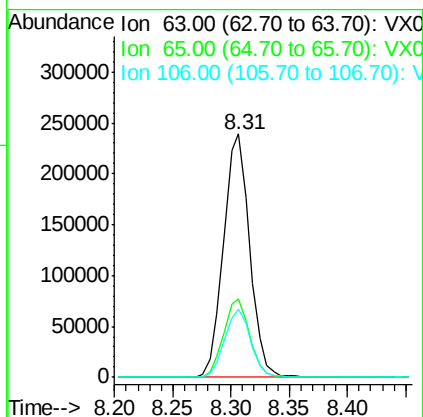
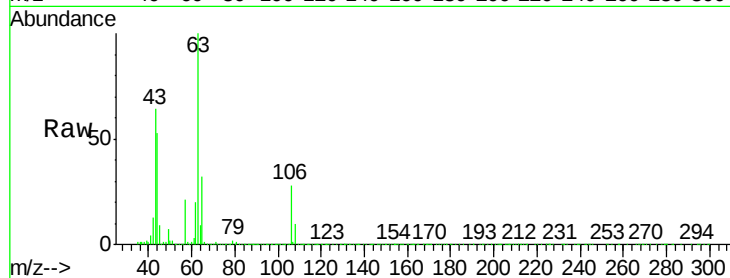
ClientSampleId :

VSTDCCC020EC

Tot Ion:	63	Resp:	370324
Ion	Ratio	Lower	Upper
63	100		
65	32.1	25.8	38.6
106	28.1	22.9	34.3

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#56

Bromoform

Concen: 19.346 ug/l

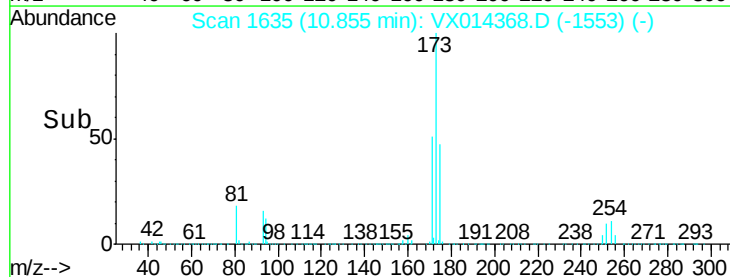
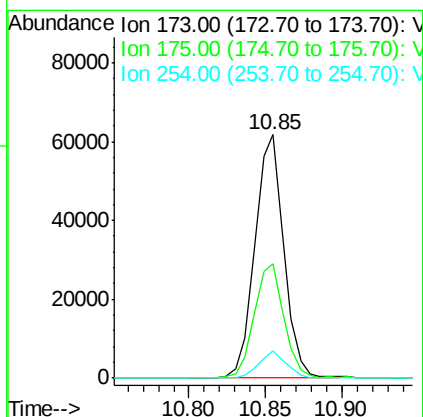
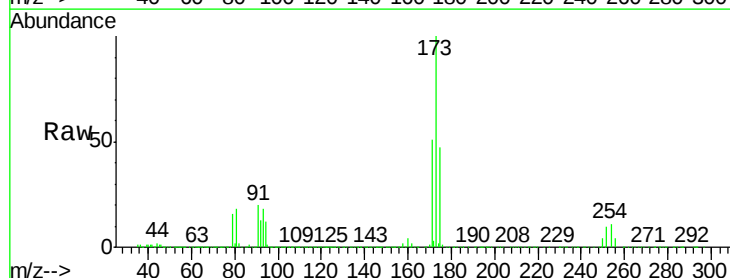
RT: 10.85 min Scan# 1635

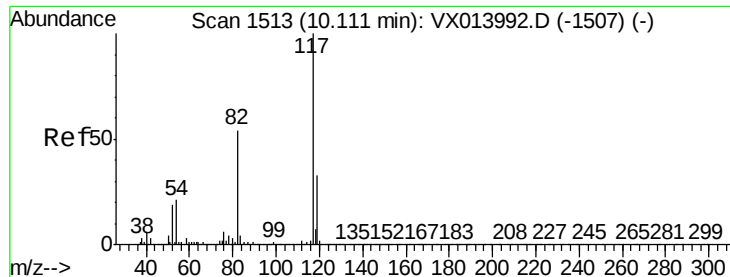
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	173	Resp:	81205
Ion	Ratio	Lower	Upper
173	100		
175	48.5	39.5	59.3
254	10.4	8.2	12.4





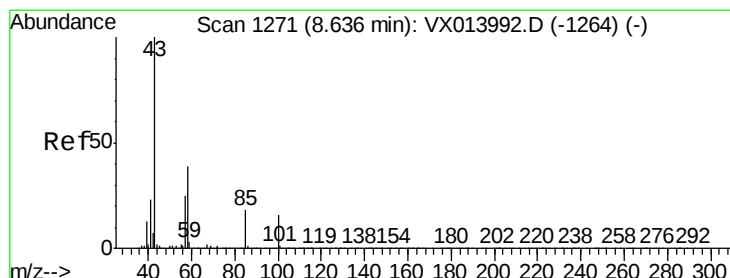
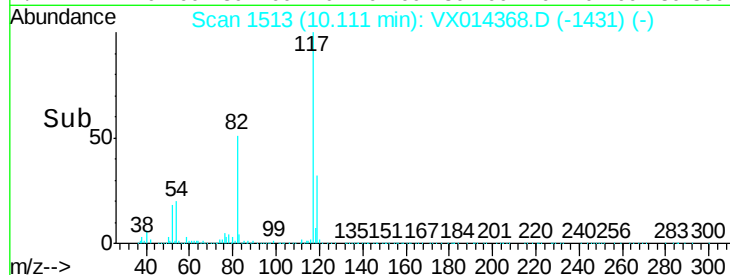
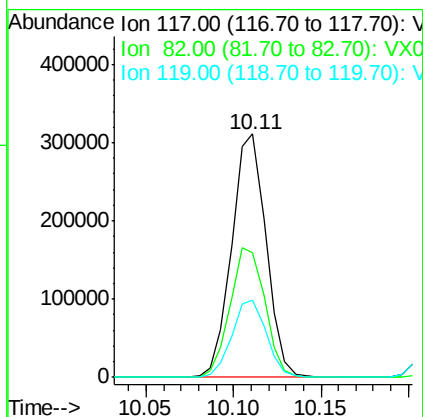
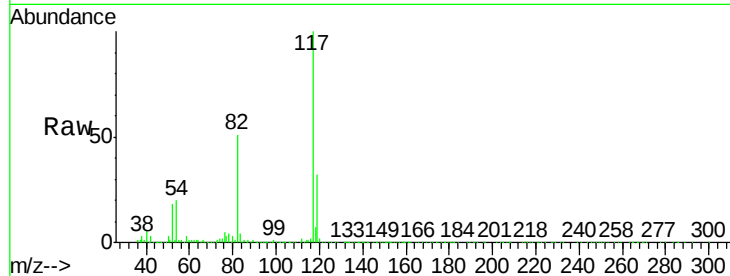
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.8	65.6
119	31.8	25.8	38.6

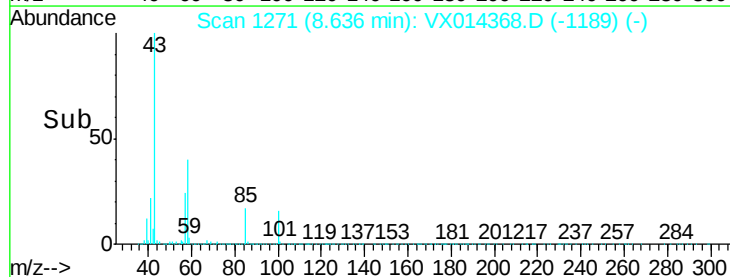
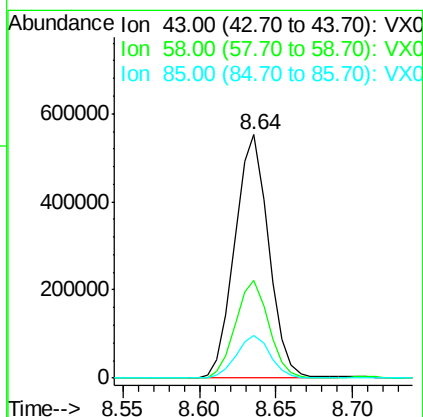
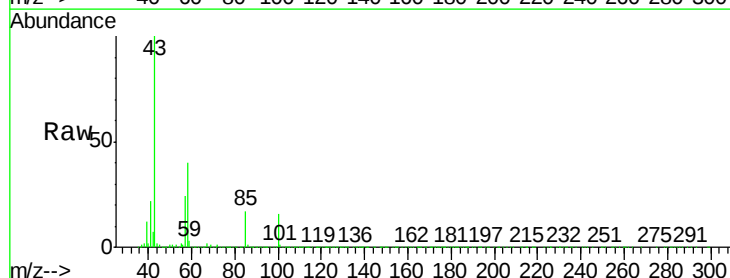
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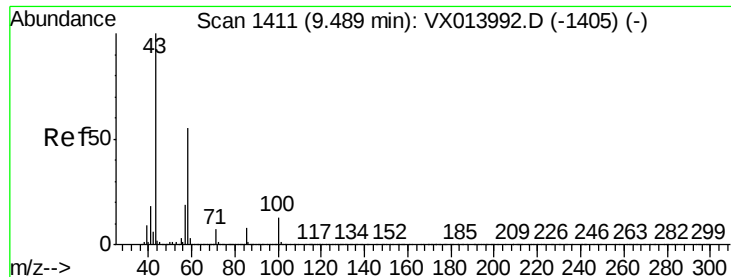
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#58
4-Methyl-2-Pentanone
Concen: 106.369 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.4	31.2	46.8
85	17.4	14.2	21.2





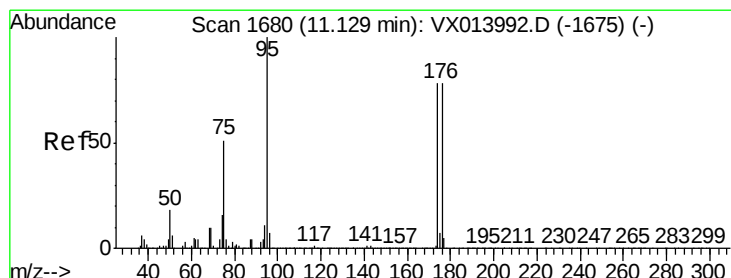
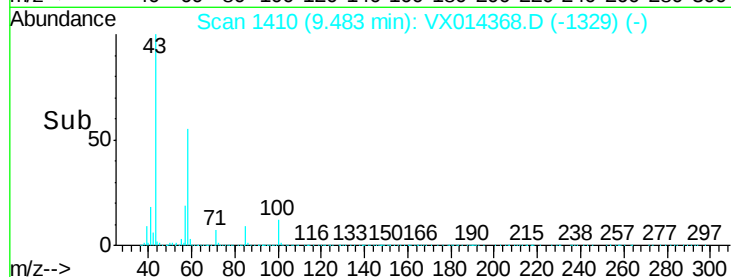
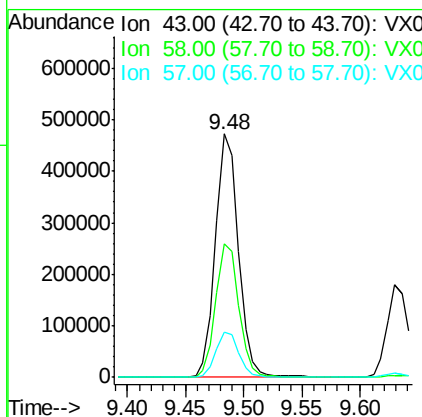
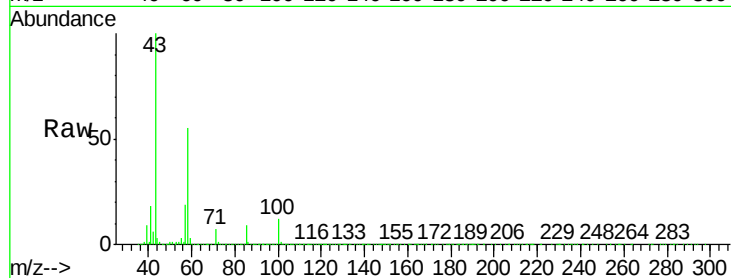
#59
2-Hexanone
Concen: 106.065 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.6	43.8	65.6
57	18.9	15.4	23.0

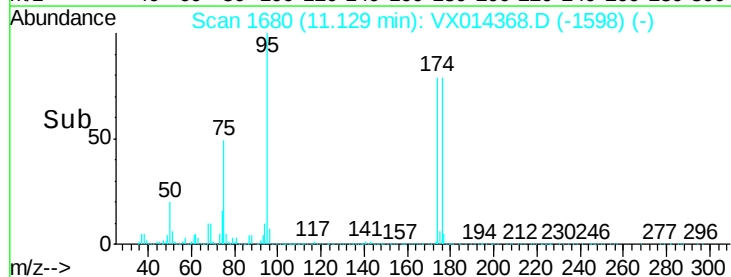
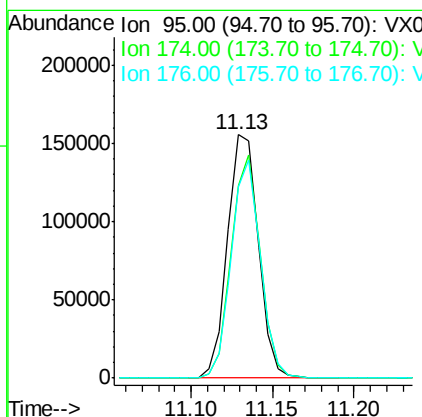
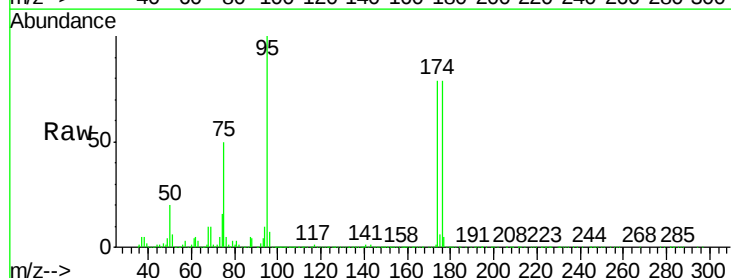
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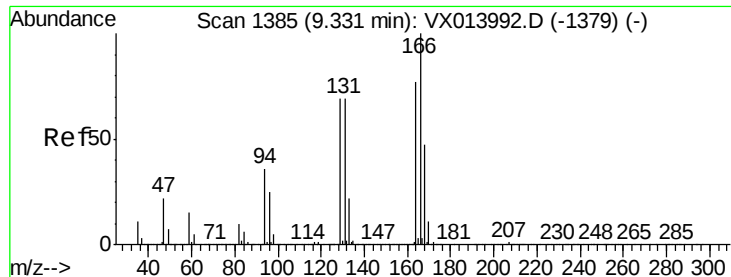
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#60
4-Bromofluorobenzene
Concen: 29.676 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
95	100		
174	86.3	70.2	105.2
176	84.7	68.3	102.5





#61

Tetrachloroethene

Concen: 20.563 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:164 Resp: 115972

Ion Ratio Lower Upper

164 100

166 128.9 104.2 156.2

129 90.1 71.6 107.4

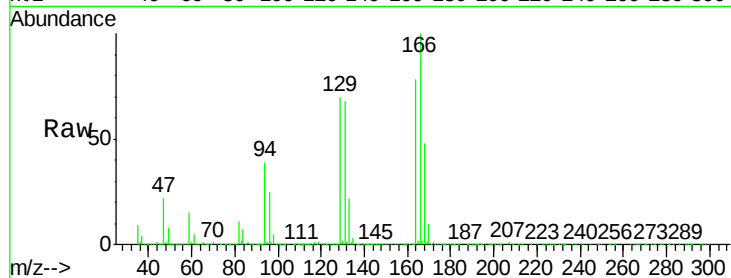
131 87.6 71.7 107.5

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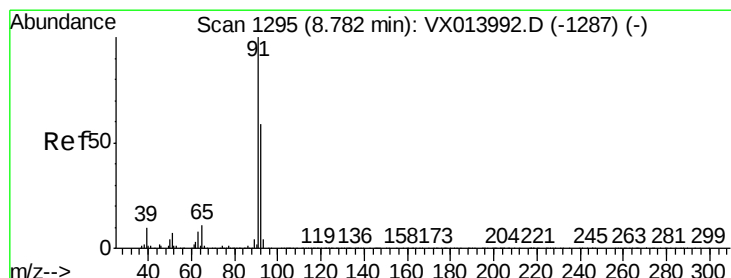
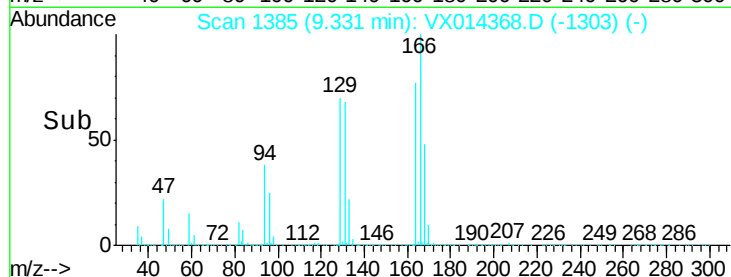
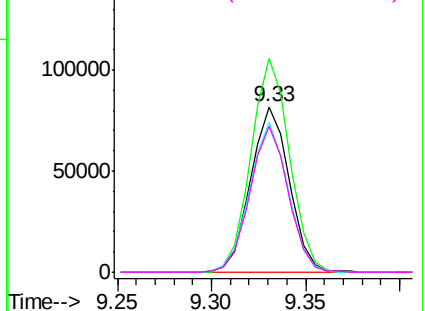


Abundance Ion 163.85 (163.55 to 164.55): V

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: 20.325 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. -0.00 min

Lab File: VX014368.D

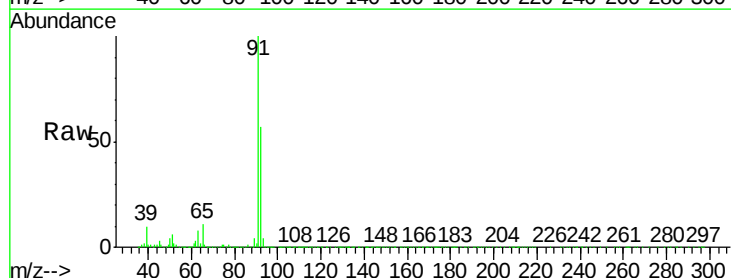
Acq: 30 Dec 2019 20:49

Tgt Ion: 91 Resp: 460836

Ion Ratio Lower Upper

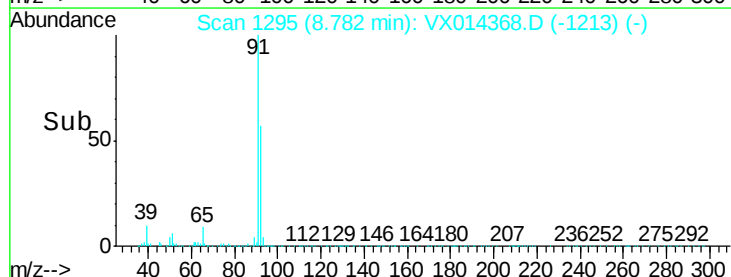
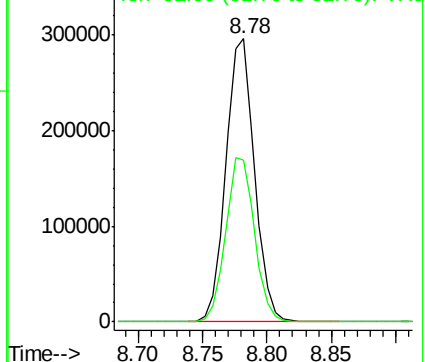
91 100

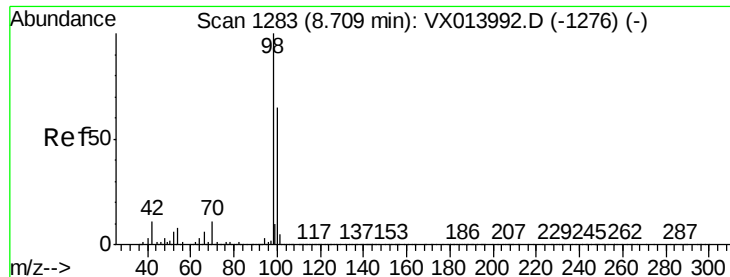
92 58.9 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 30.262 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 98 Resp: 576653

Ion Ratio Lower Upper

98 100

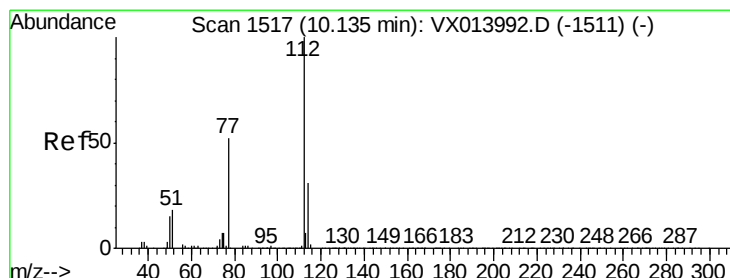
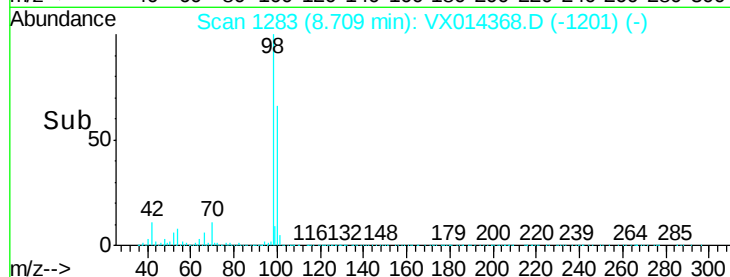
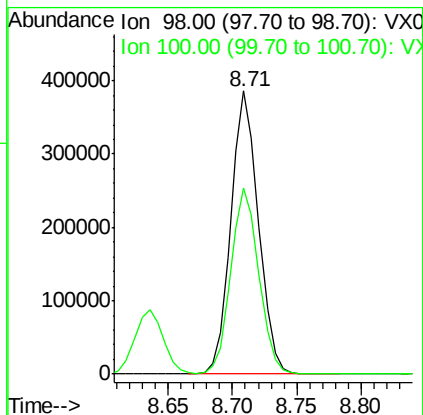
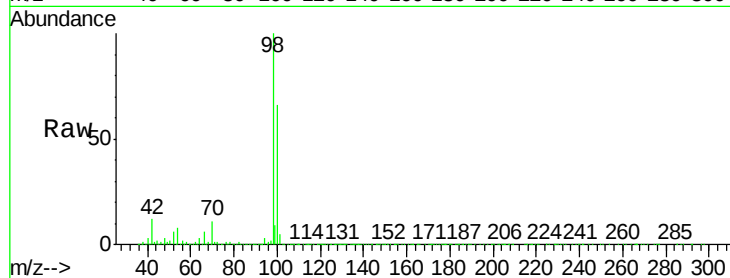
100 66.6 52.2 78.2

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#64

Chlorobenzene

Concen: 20.050 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX014368.D

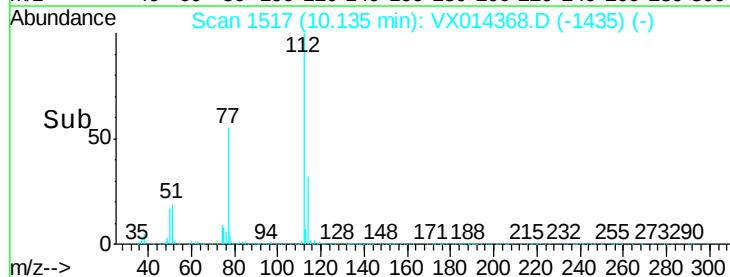
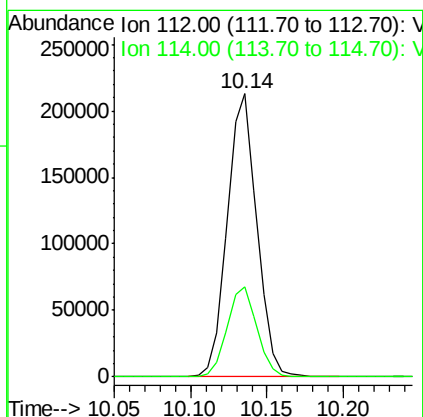
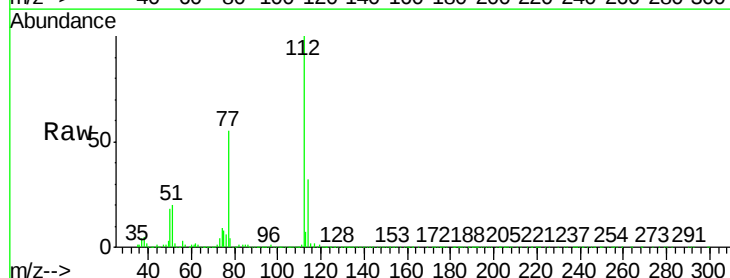
Acq: 30 Dec 2019 20:49

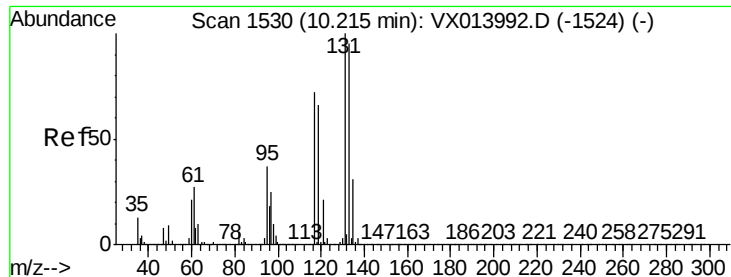
Tgt Ion: 112 Resp: 284815

Ion Ratio Lower Upper

112 100

114 31.8 24.4 36.6





#65

1,1,1,2-Tetrachloroethane

Concen: 19.777 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

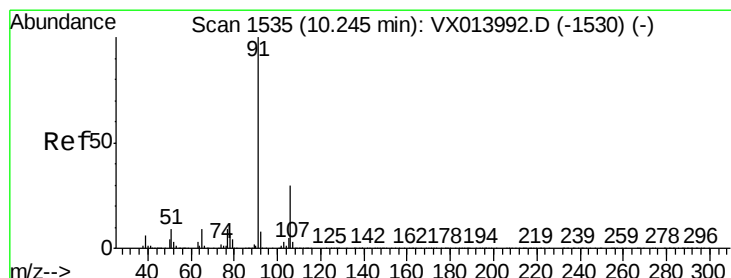
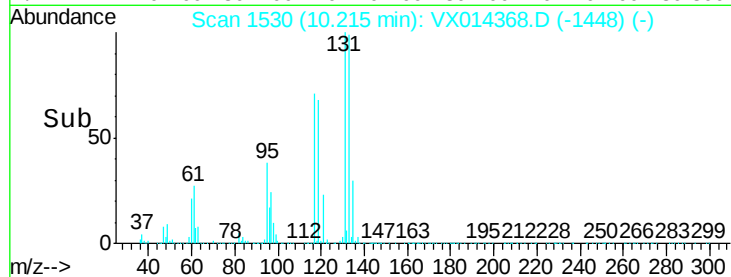
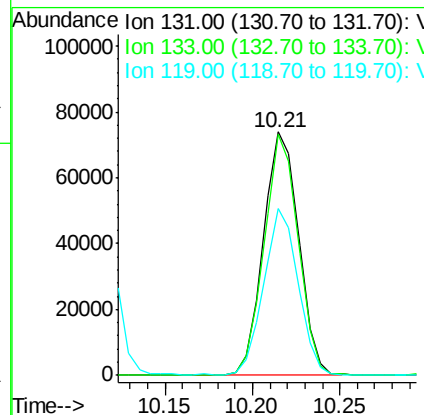
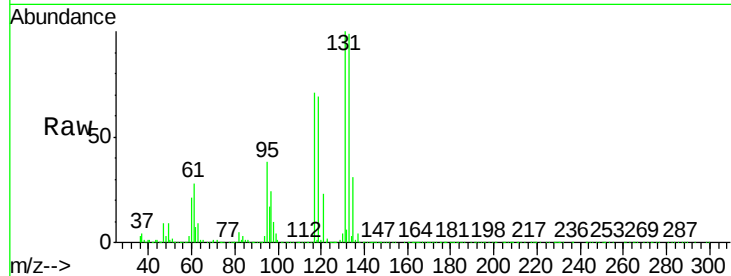
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	104028
Ion Ratio	Lower	Upper	
131	100		
133	95.1	0.0	189.8
119	66.4	0.0	132.2

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#66

Ethyl Benzene

Concen: 20.082 ug/l

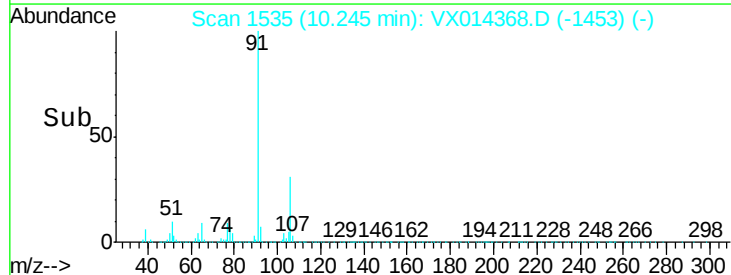
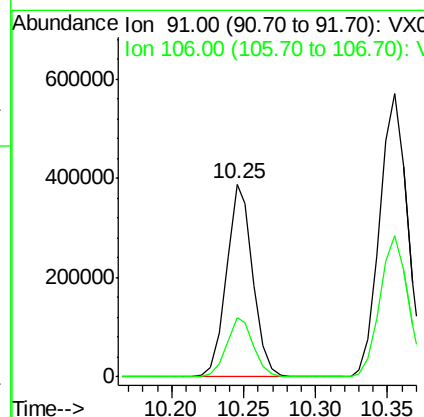
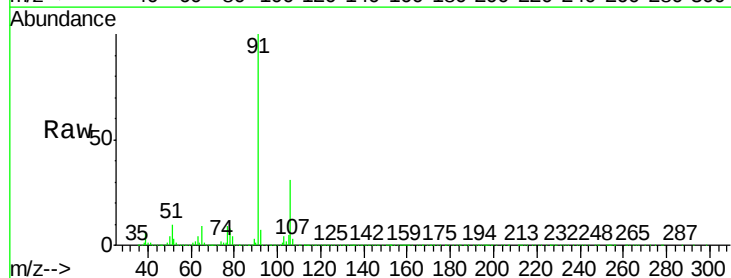
RT: 10.25 min Scan# 1535

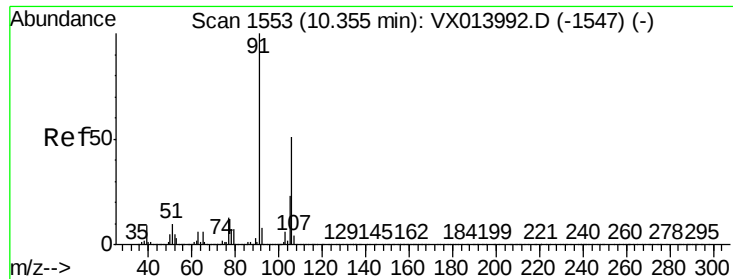
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	91	Resp:	498301
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.2	36.2





#67

m/p-Xylenes

Concen: 40.005 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 379460

Ion Ratio Lower Upper

106 100

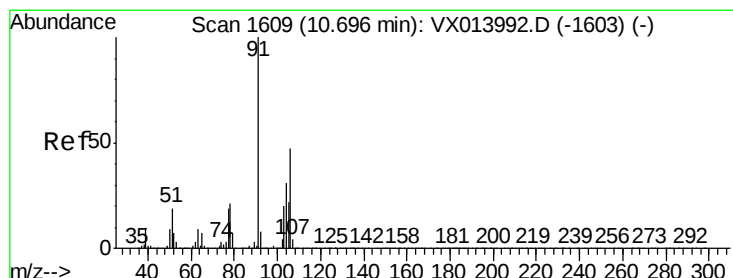
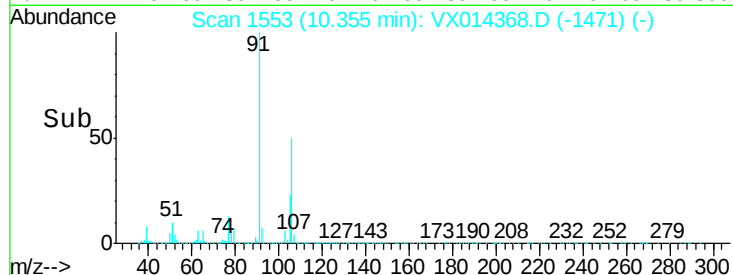
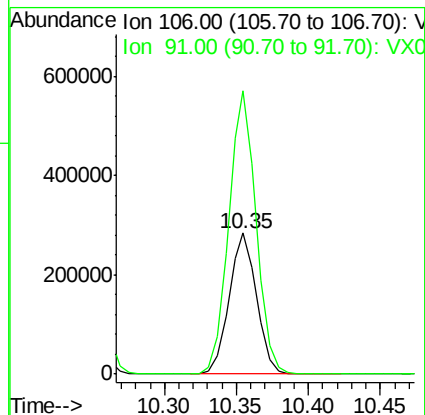
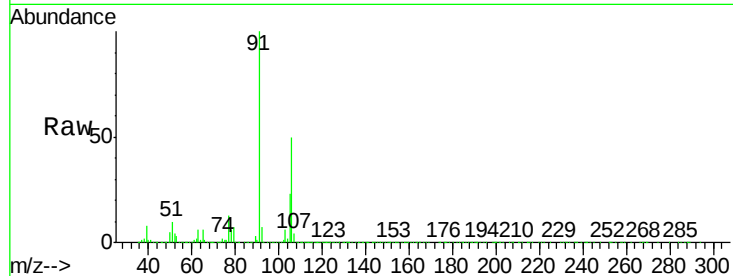
91 200.2 159.3 238.9

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#68

o-Xylene

Concen: 19.600 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. -0.00 min

Lab File: VX014368.D

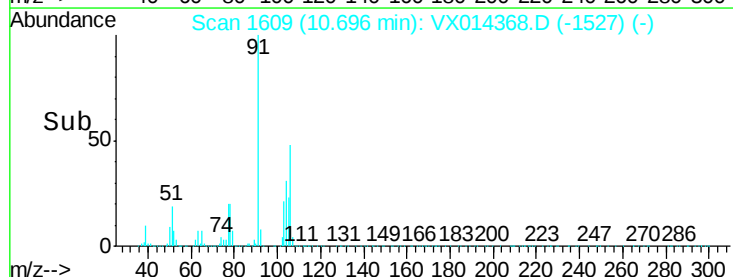
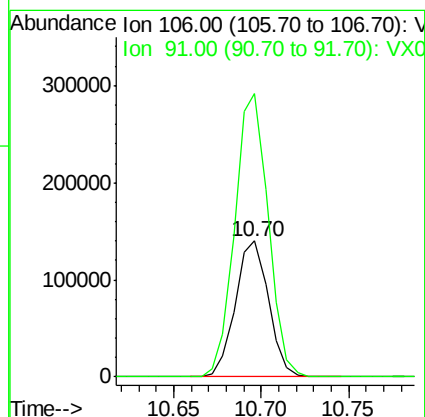
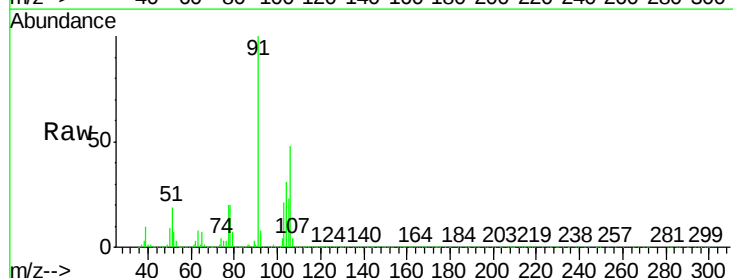
Acq: 30 Dec 2019 20:49

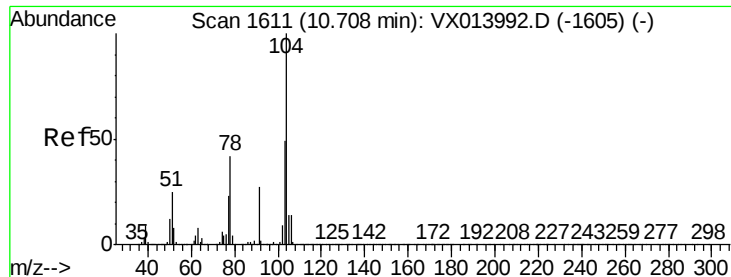
Tgt Ion:106 Resp: 184175

Ion Ratio Lower Upper

106 100

91 209.3 104.8 314.6





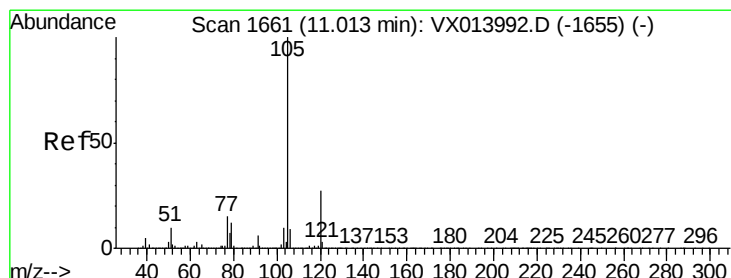
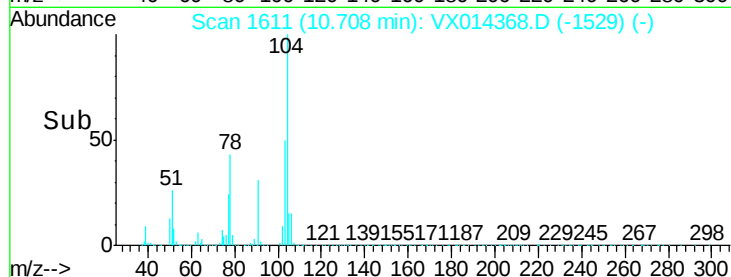
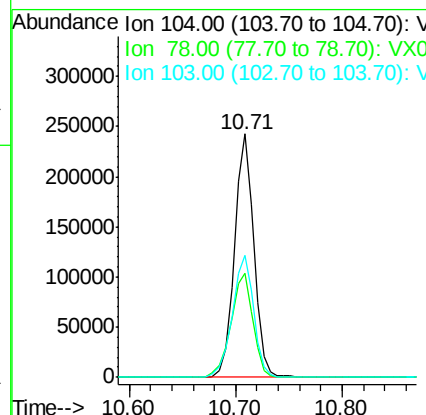
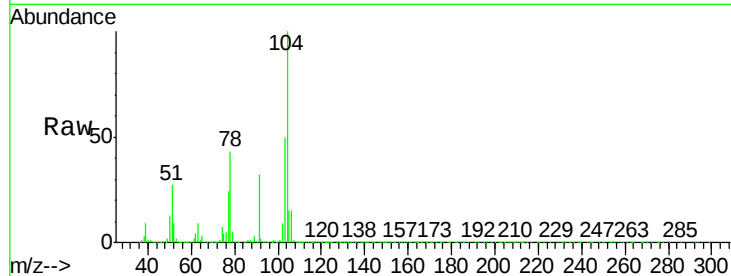
#69
Stvrene
Concen: 19.330 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.2	38.9	58.3
103	54.9	44.2	66.2

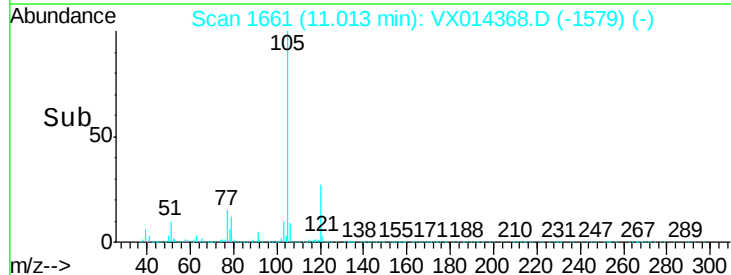
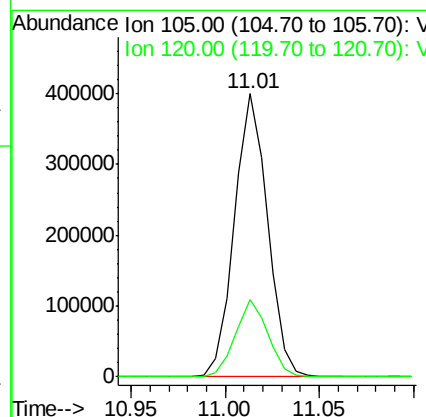
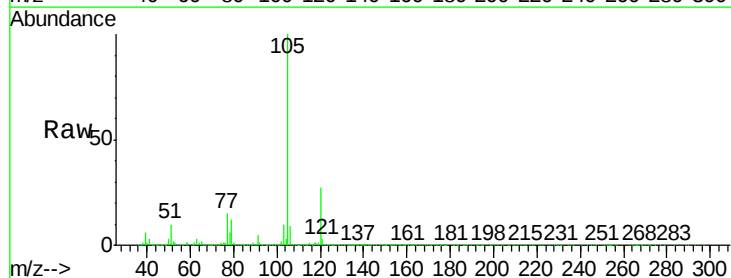
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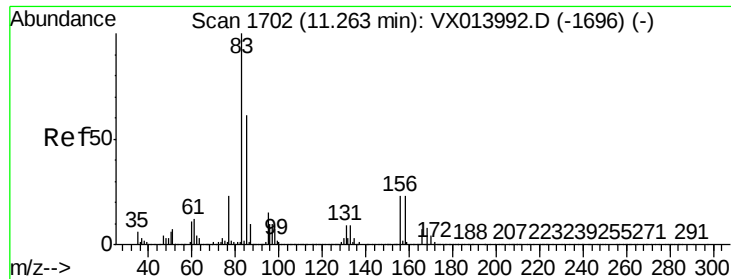
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#70
Isopropylbenzene
Concen: 20.008 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	19.1	35.5





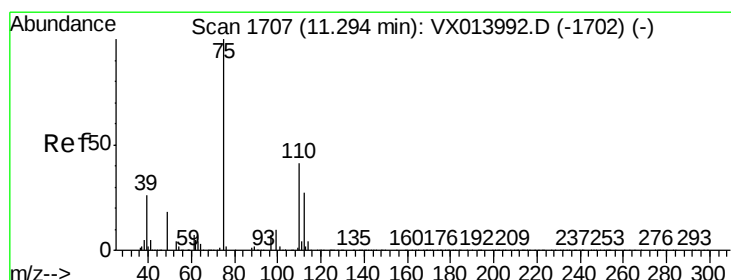
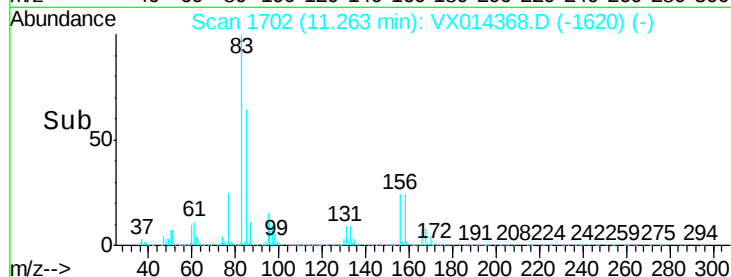
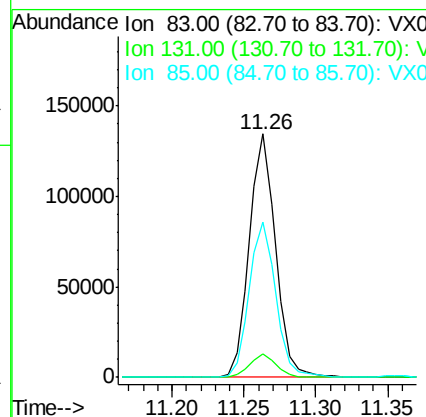
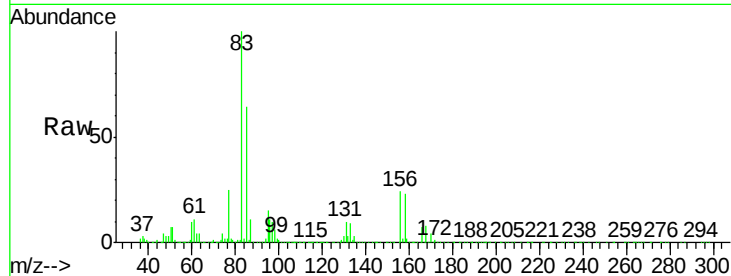
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.718 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
83	100		
131	9.8	4.9	14.7
85	64.6	31.6	94.7

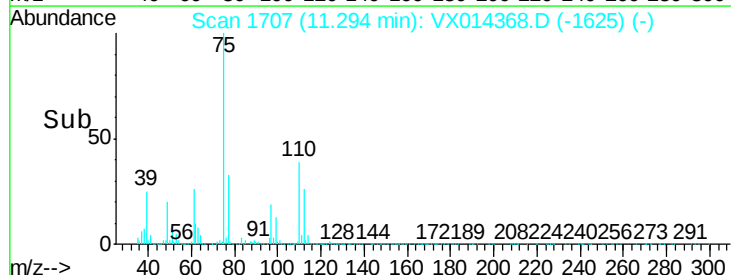
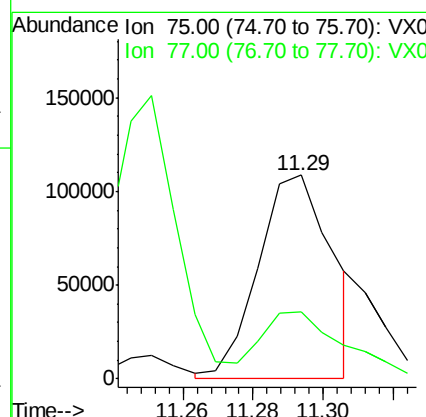
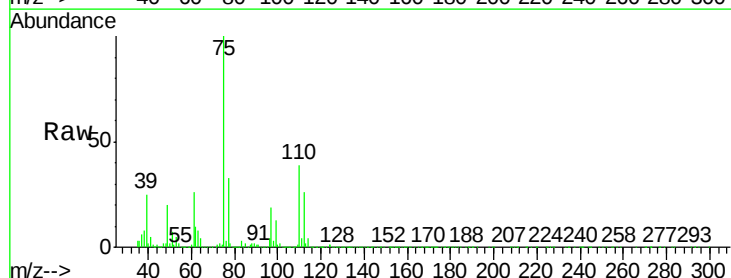
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#72
 1,2,3-Trichloropropane
 Concen: 20.739 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.7	0.0	68.4





#73

Bromobenzene

Concen: 19.498 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

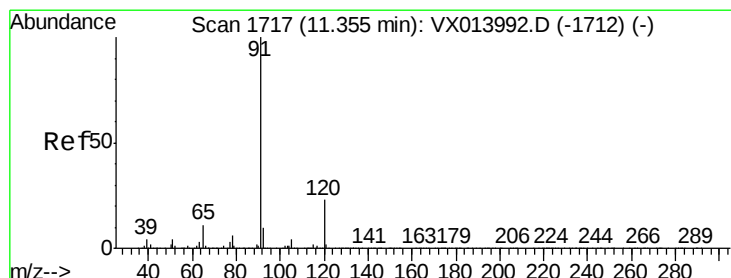
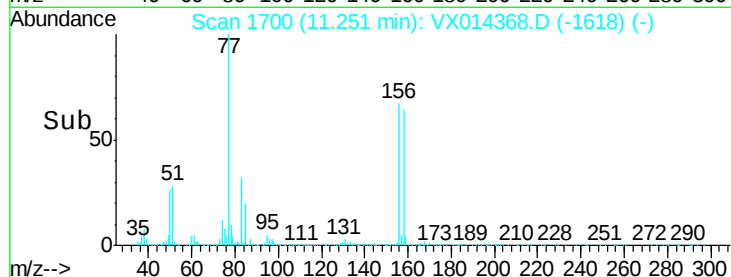
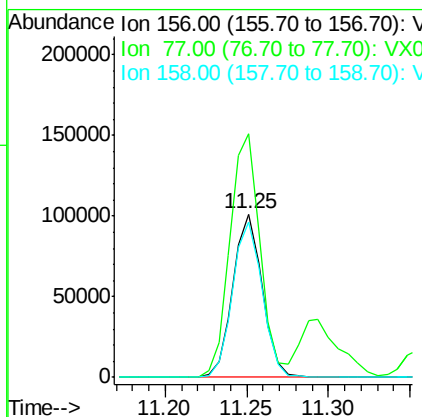
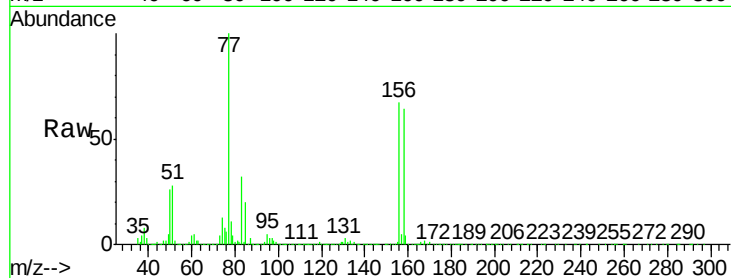
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	126393
Ion Ratio	Lower	Upper	
156	100		
77	153.6	0.0	304.6
158	95.8	0.0	195.2

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#74

n-propylbenzene

Concen: 19.992 ug/l

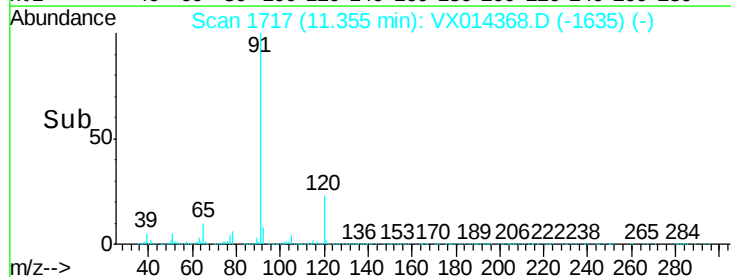
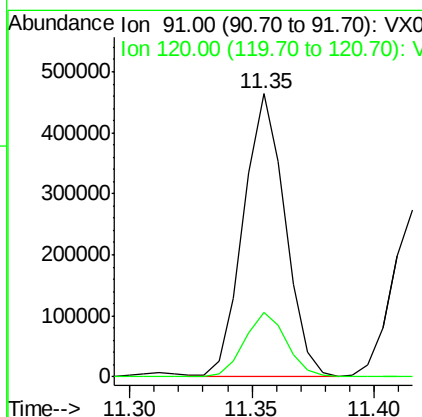
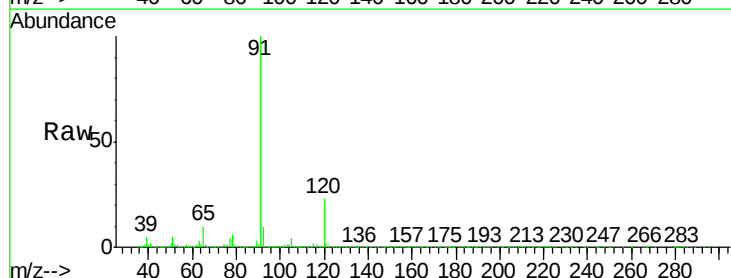
RT: 11.35 min Scan# 1717

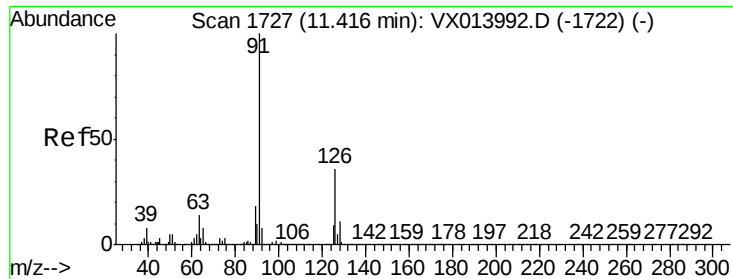
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	91	Resp:	550621
Ion Ratio	Lower	Upper	
91	100		
120	22.6	0.0	44.8





#75

2-Chlorotoluene

Concen: 19.849 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 91 Resp: 330316

Ion Ratio Lower Upper

91 100

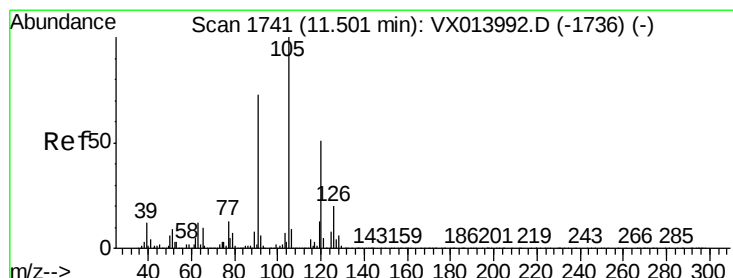
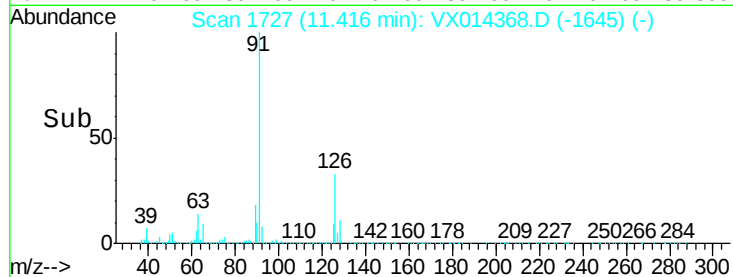
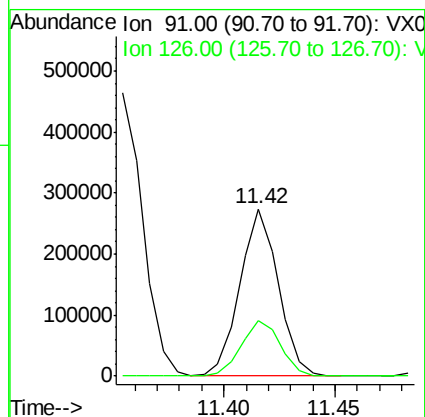
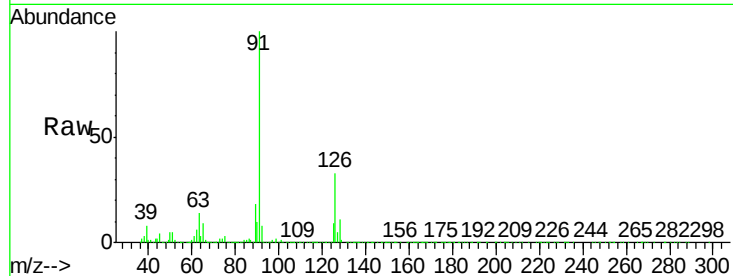
126 34.0 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 19.781 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX014368.D

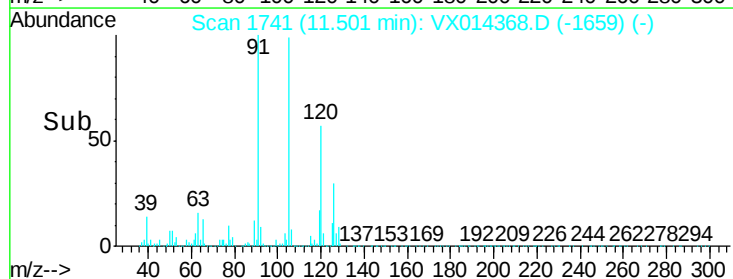
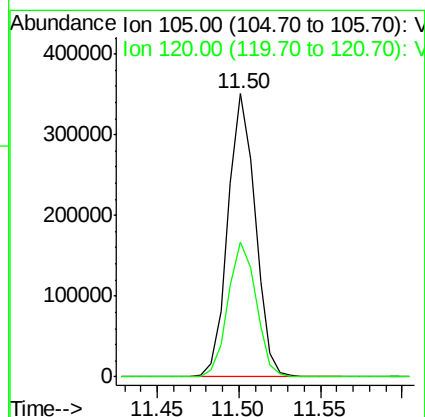
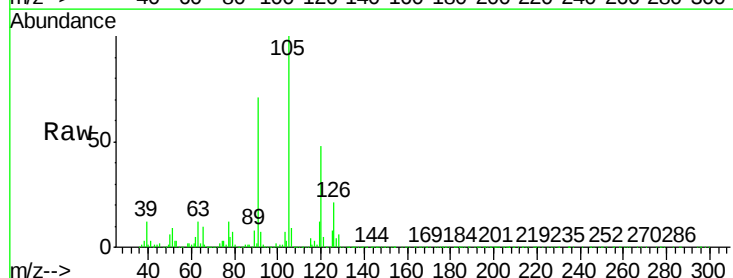
Acq: 30 Dec 2019 20:49

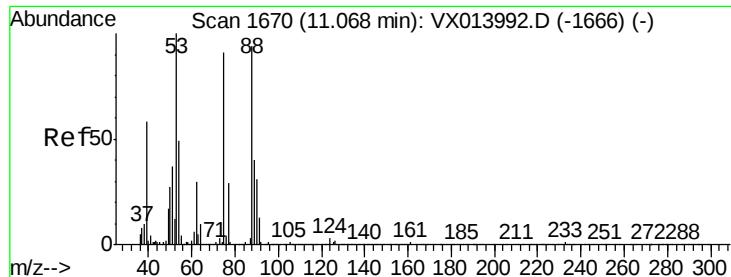
Tgt Ion: 105 Resp: 407480

Ion Ratio Lower Upper

105 100

120 49.1 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 19.600 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

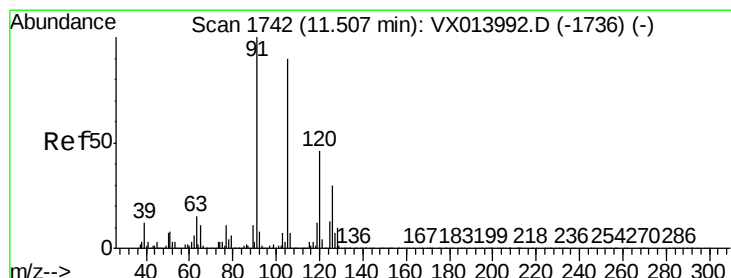
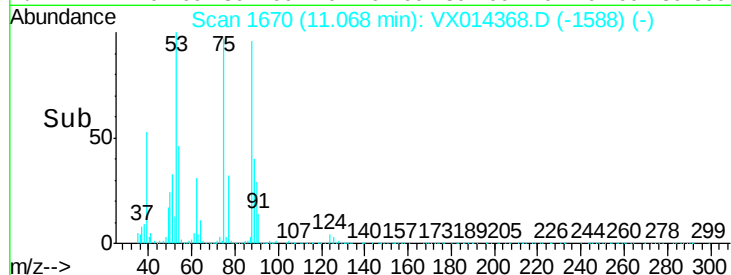
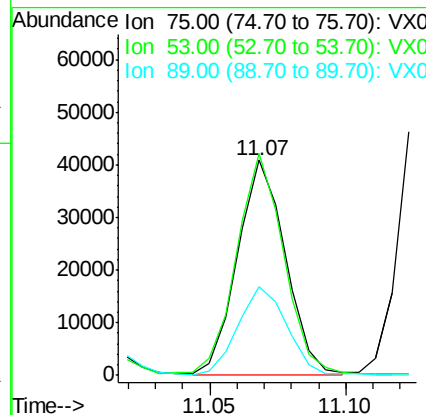
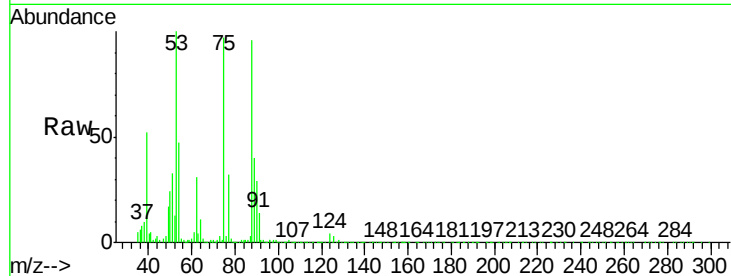
ClientSampleId :

VSTDCCC020EC

Tot Ion:	75	Resp:	49613
Ion Ratio	Lower	Upper	
75	100		
53	102.5	54.4	163.1
89	41.1	21.9	65.5

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#78

4-Chlorotoluene

Concen: 19.496 ug/l

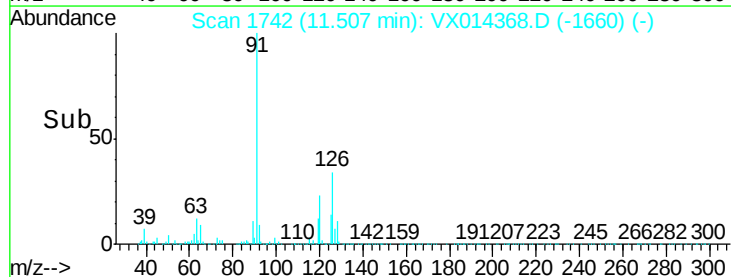
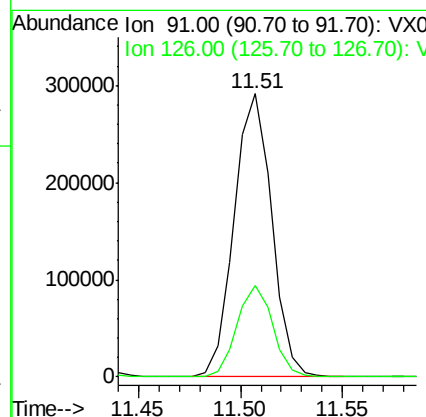
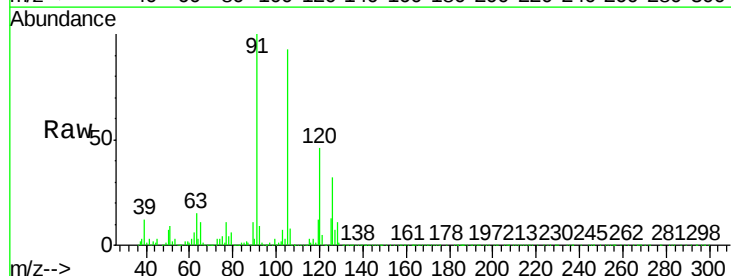
RT: 11.51 min Scan# 1742

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	91	Resp:	370740
Ion Ratio	Lower	Upper	
91	100		
126	30.8	0.0	59.6





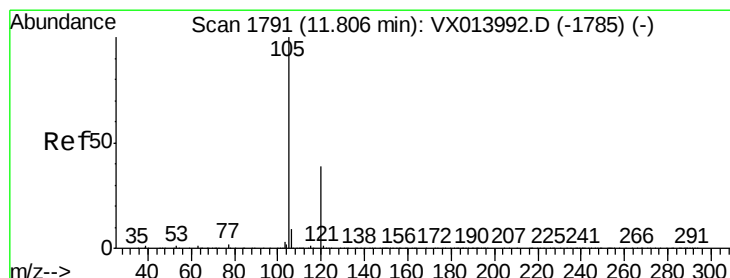
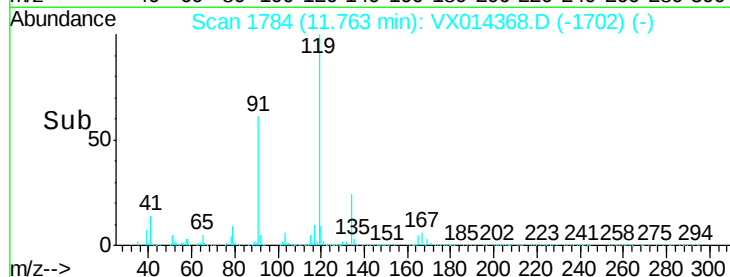
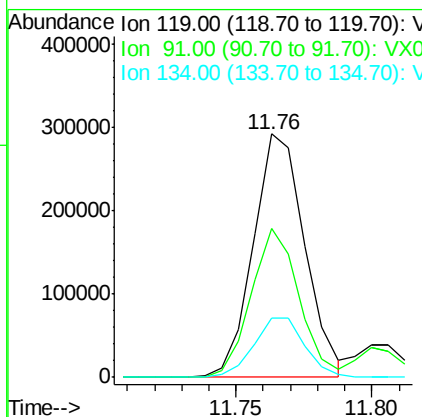
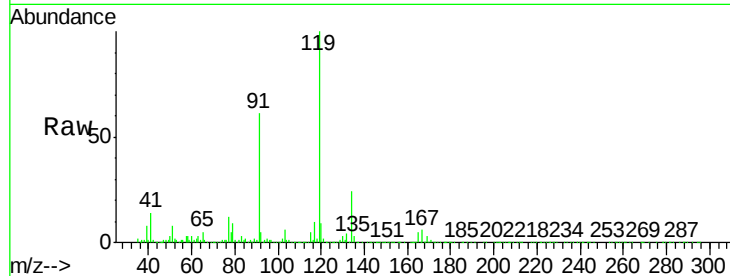
#79
tert-butylbenzene
Concen: 19.245 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	382106		
91	57.1	0.0	112.6	
134	24.2	0.0	49.8	

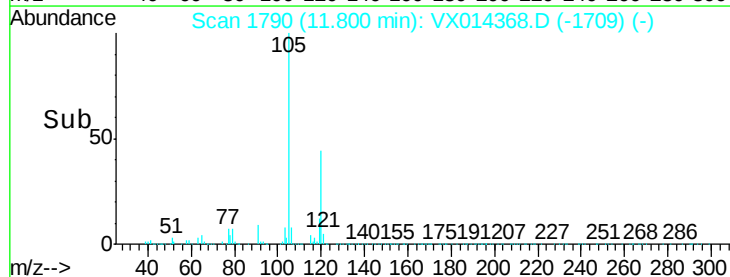
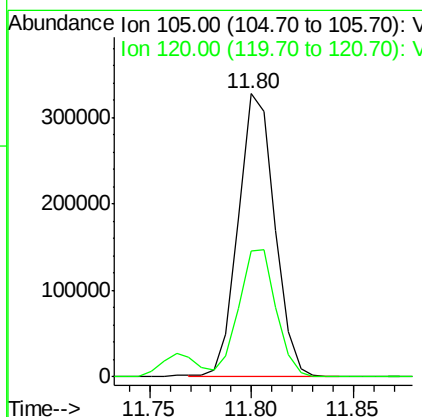
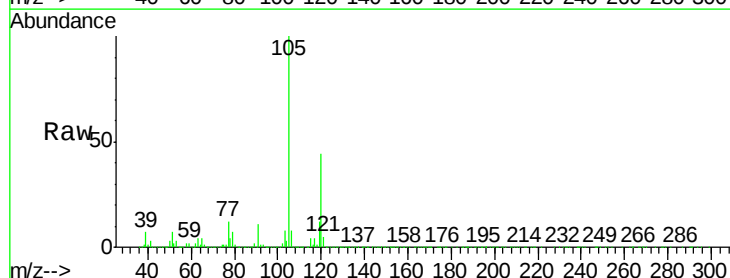
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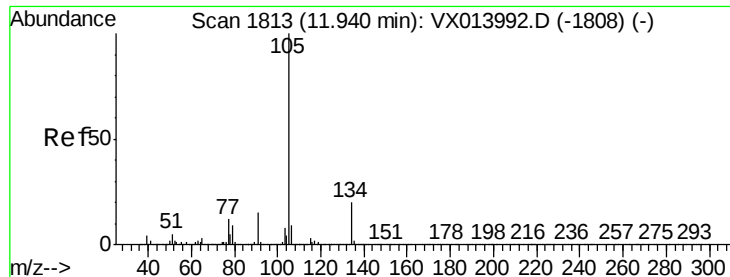
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#80
1,2,4-Trimethylbenzene
Concen: 19.624 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	404198		
120	45.6	0.0	92.0	





#81

sec-Butylbenzene

Concen: 19.750 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:105 Resp: 466433

Ion Ratio Lower Upper

105 100

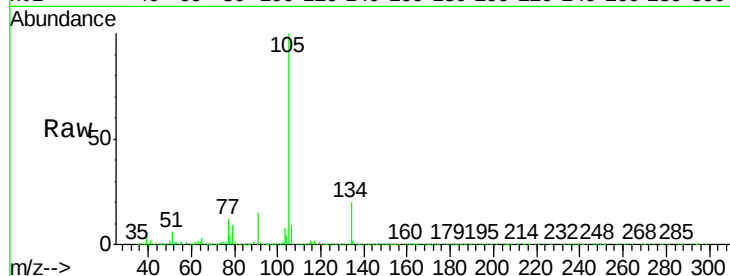
134 20.2 0.0 40.2

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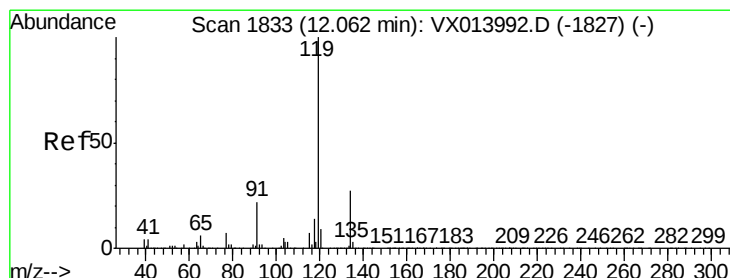
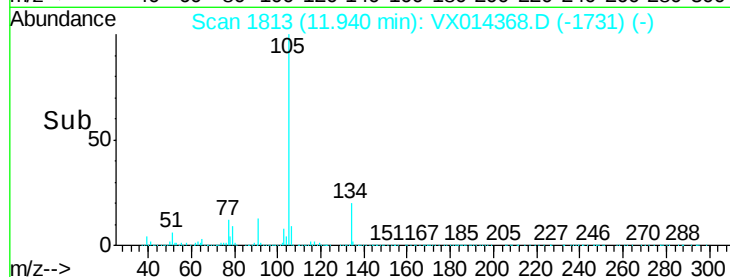
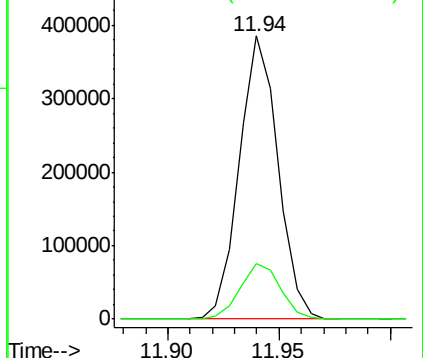
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 19.697 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

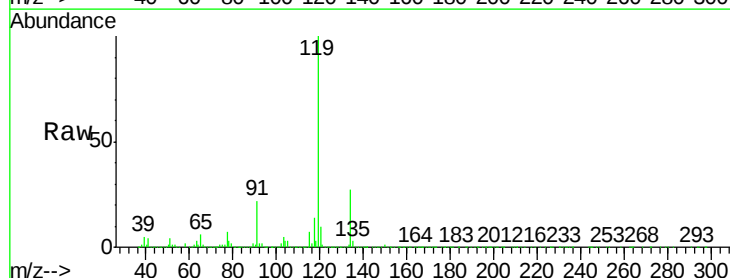
Tgt Ion:119 Resp: 419782

Ion Ratio Lower Upper

119 100

134 26.4 0.0 53.8

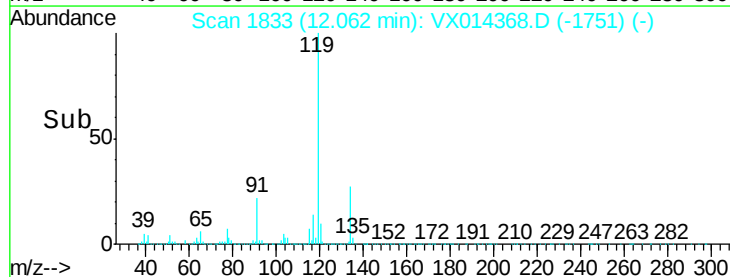
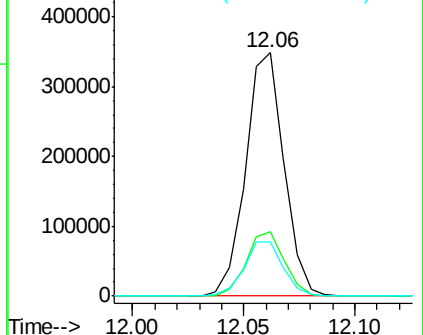
91 22.6 0.0 45.0

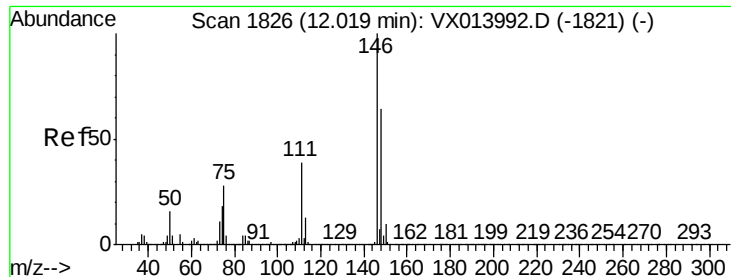


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 19.703 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Instrument :

MSVOA_X

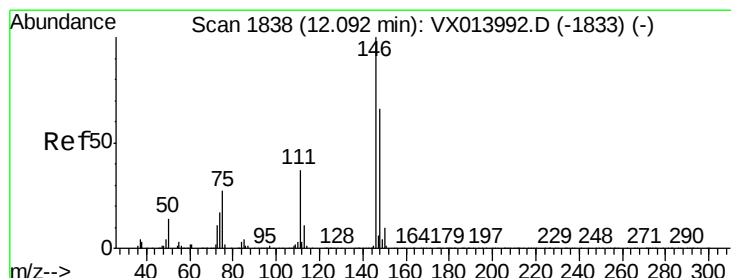
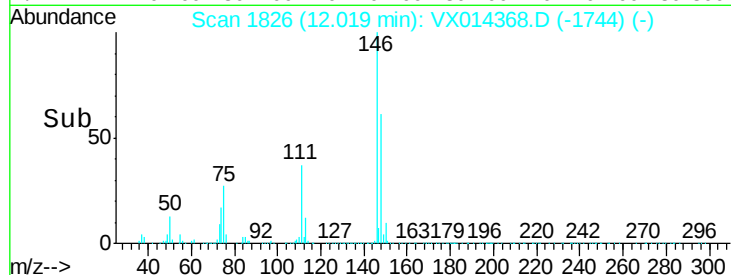
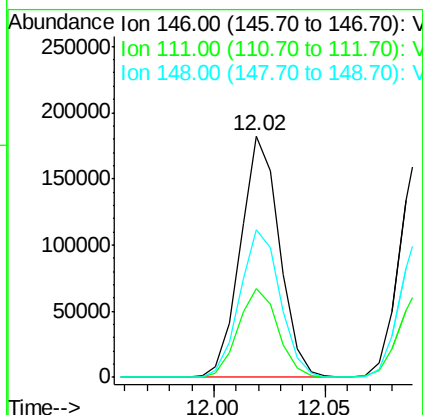
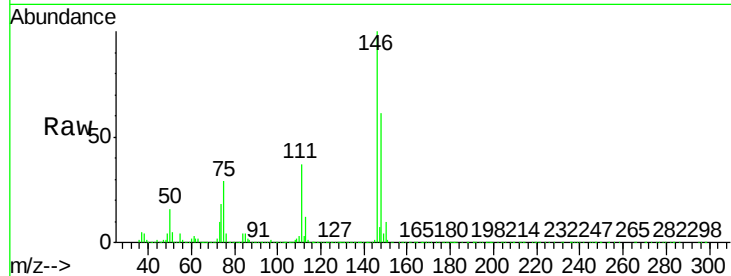
ClientSampleId :

VSTDCCC020EC

Tot Ion:	146	Resp:	222610
Ion Ratio		Lower	Upper
146	100		
111	37.6	19.3	57.9
148	63.2	32.2	96.6

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#84

1,4-Dichlorobenzene

Concen: 19.253 ug/l

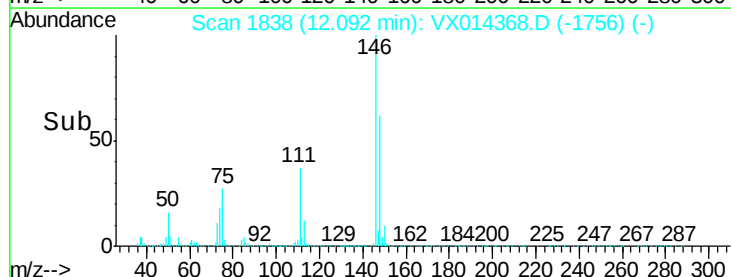
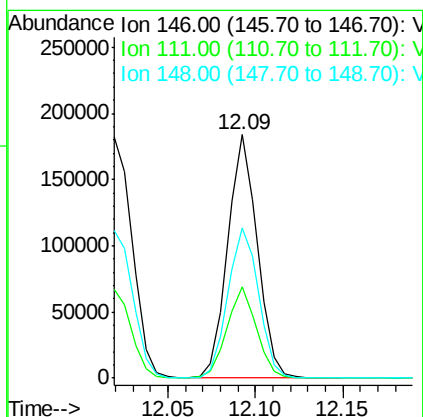
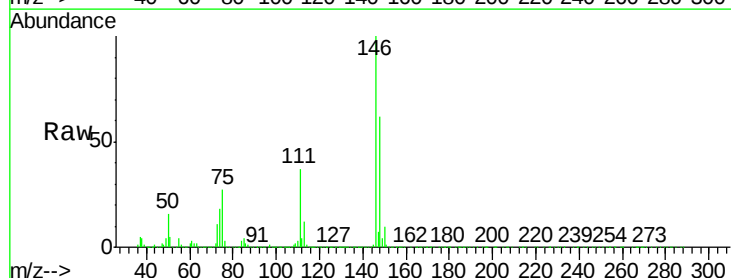
RT: 12.09 min Scan# 1838

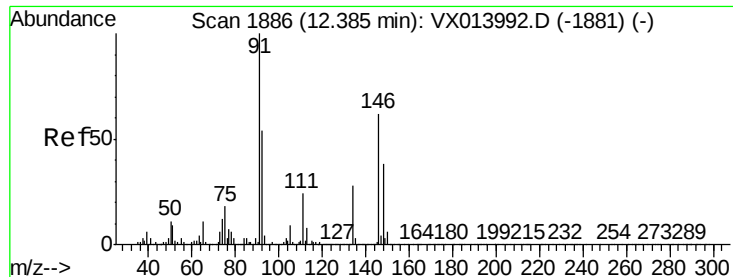
Delta R.T. -0.00 min

Lab File: VX014368.D

Acq: 30 Dec 2019 20:49

Tgt Ion:	146	Resp:	216607
Ion Ratio		Lower	Upper
146	100		
111	37.0	18.4	55.4
148	64.1	32.0	96.0





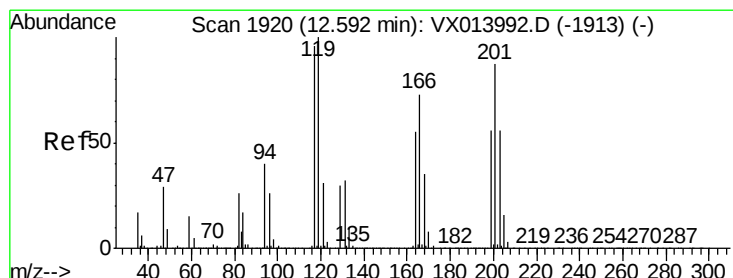
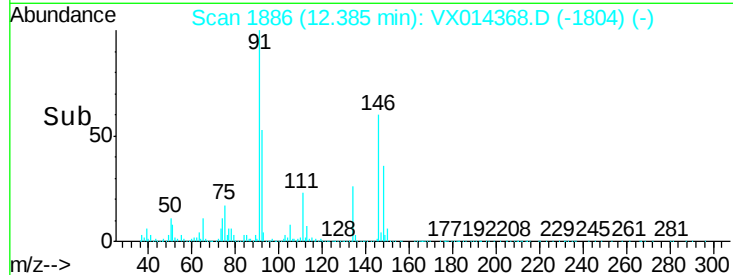
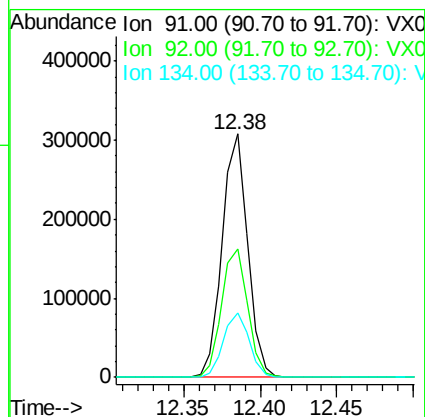
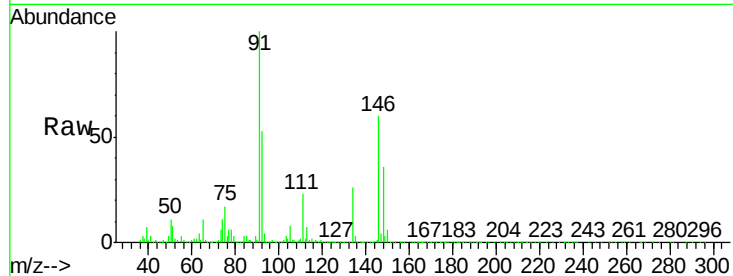
#85
n-Butylbenzene
Concen: 19.866 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	355978		
92	54.3	0.0	109.0	
134	26.7	0.0	54.0	

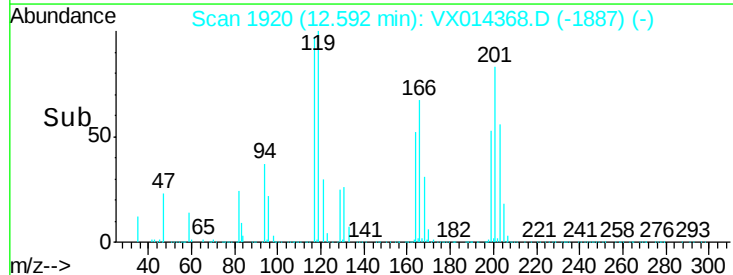
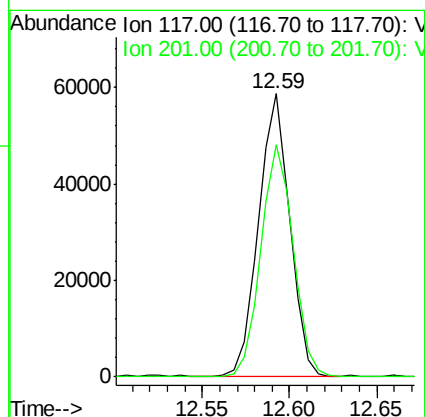
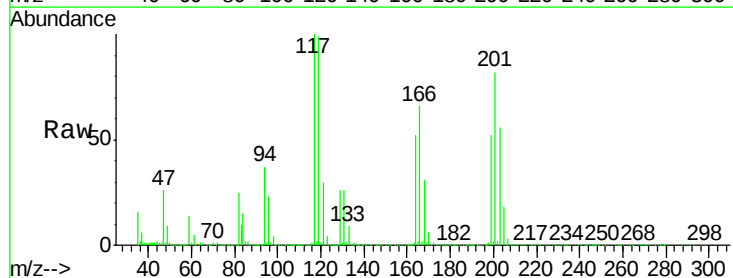
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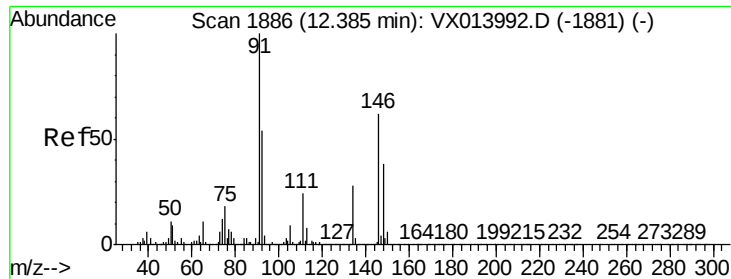
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#86
Hexachloroethane
Concen: 18.752 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	72499		
201	85.4	44.8	134.3	





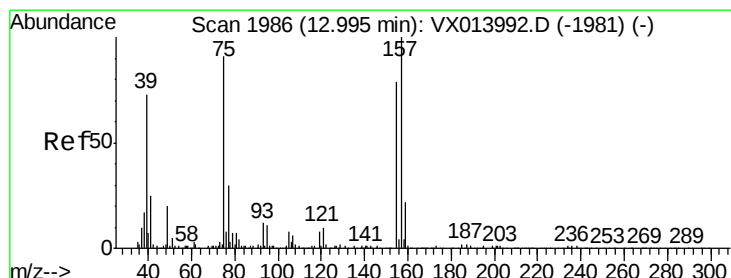
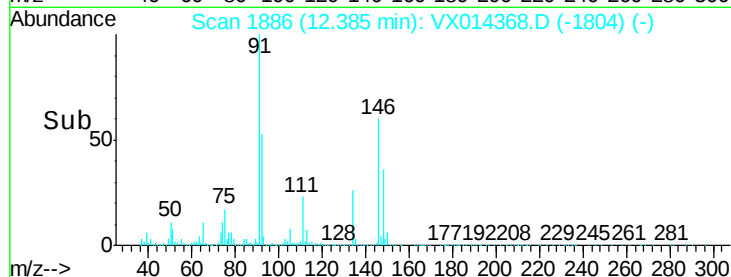
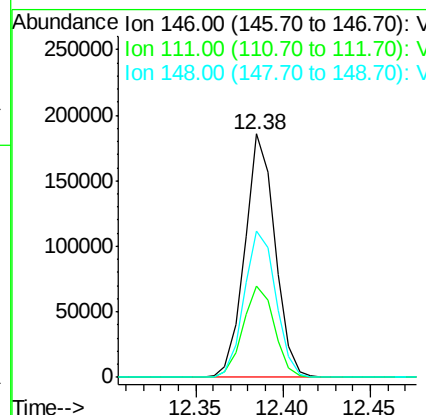
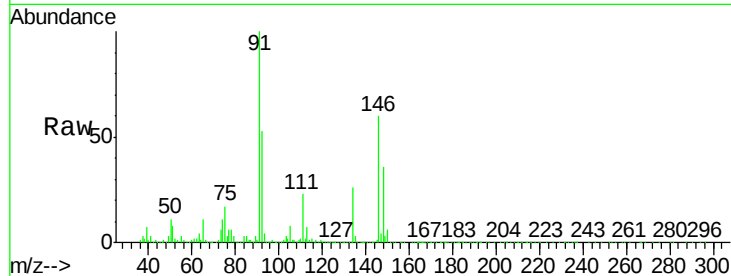
#87
 1,2-Dichlorobenzene
 Concen: 19.407 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	20.1	60.2
148	63.0	32.0	96.2

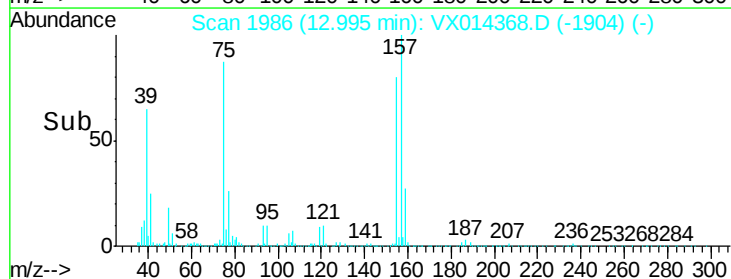
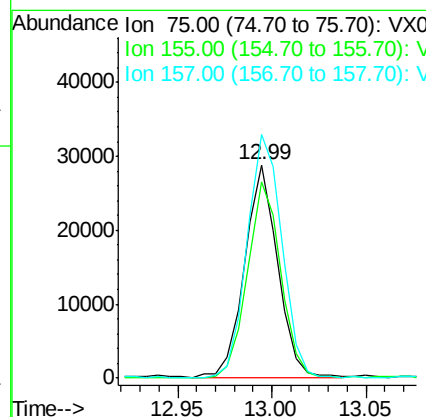
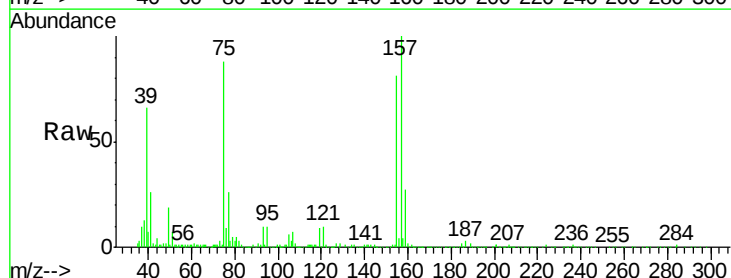
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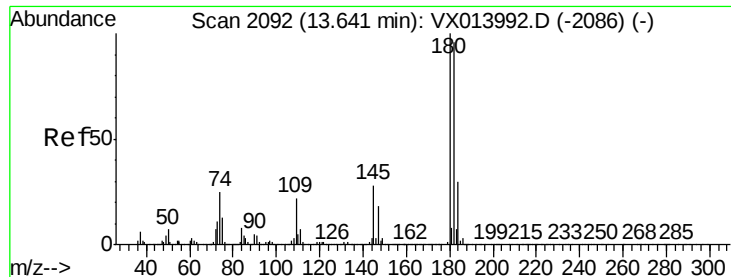
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.559 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.5	73.8	110.6
157	119.5	95.0	142.4





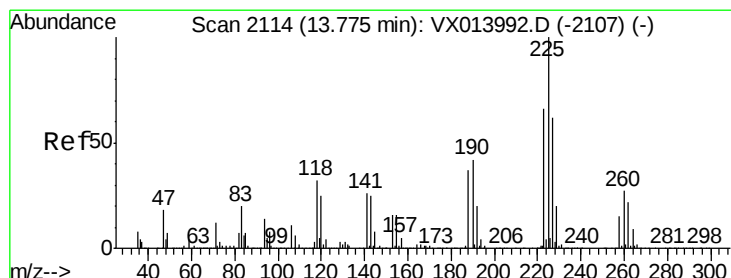
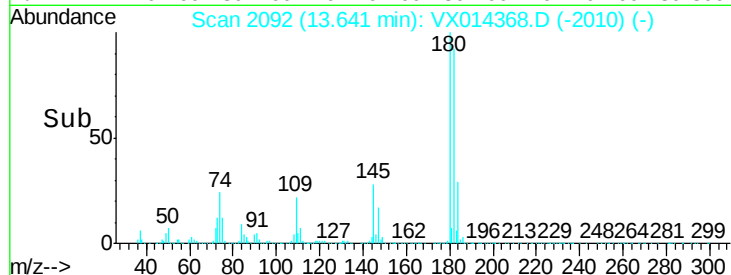
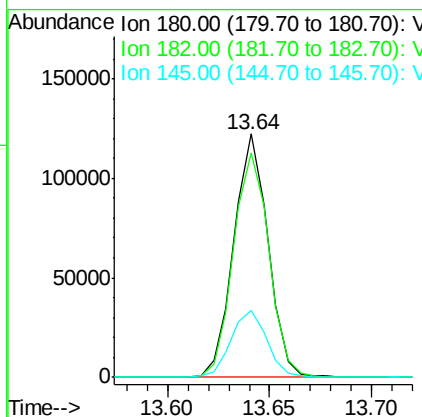
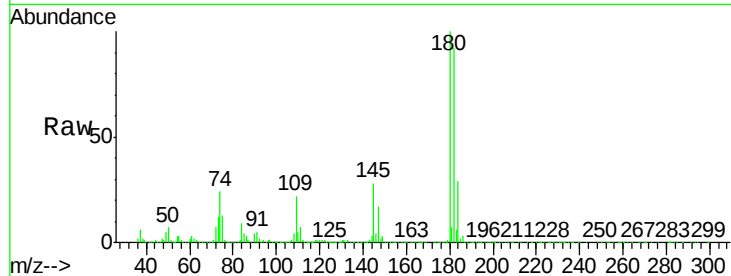
#89
 1,2,4-Trichlorobenzene
 Concen: 19.373 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	142096		
182	96.1	76.4	114.6	
145	28.9	21.9	32.9	

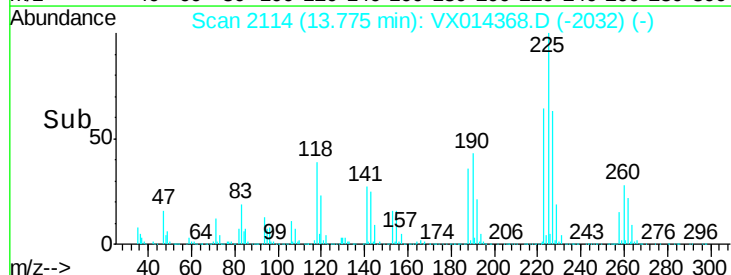
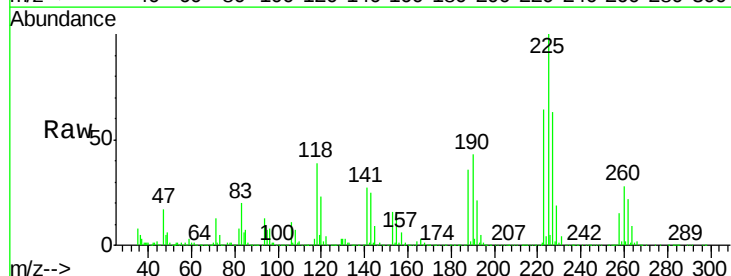
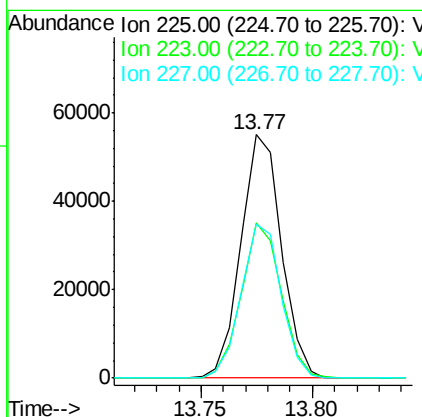
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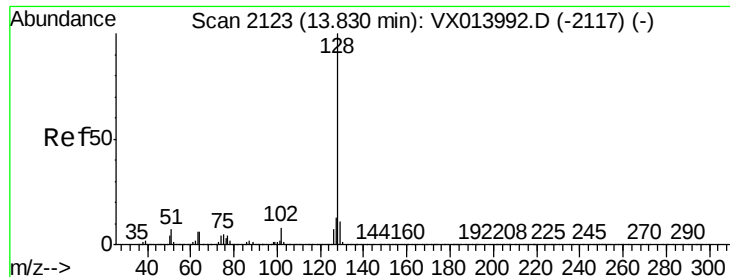
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#90
 Hexachlorobutadiene
 Concen: 20.116 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX014368.D
 Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	70131		
223	62.9	0.0	127.4	
227	62.4	0.0	122.8	





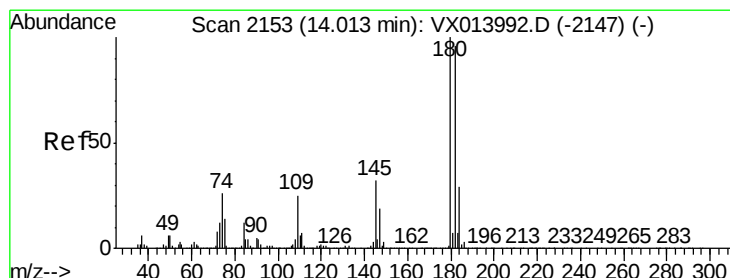
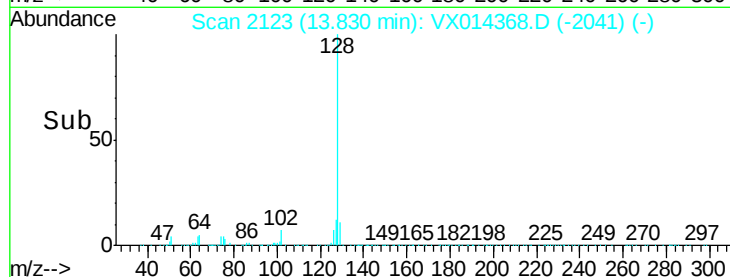
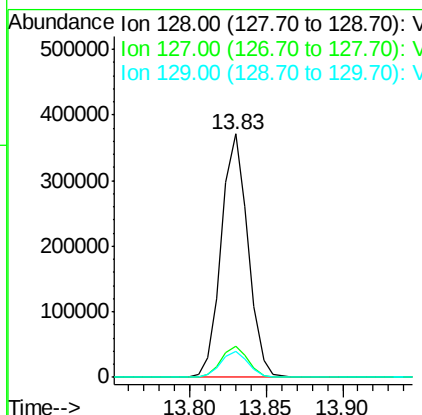
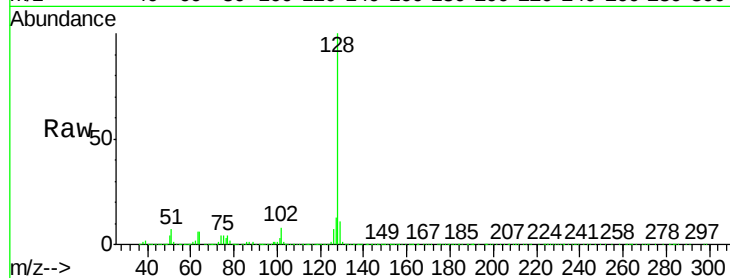
#91
Naphthalene
Concen: 20.366 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.9	8.9	13.3

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#92
1,2,3-Trichlorobenzene
Concen: 19.708 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX014368.D
Acq: 30 Dec 2019 20:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	192.8
145	30.3	0.0	60.0

