

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013994.D
 Acq On : 13 Dec 2019 00:07
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 12/13/2019 11:25:48 AM

Quant Time: Dec 13 01:30:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X121219W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	86731	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	493742	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	456279	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	189741	29.57	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.57%
60) 4-Bromofluorobenzene	11.14	95	225683	30.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	102.23%
63) Toluene-d8	8.71	98	597695	28.94	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.47%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	438938	72.001	ug/l 99
3) Chloromethane	1.31	50	615401	88.307	ug/l 97
4) Vinyl Chloride	1.40	62	653508	84.369	ug/l 100
5) Bromomethane	1.62	94	451842	92.201	ug/l 98
6) Chloroethane	1.70	64	398449	91.580	ug/l 98
7) Trichlorofluoromethane	1.91	101	810433	94.192	ug/l 100
8) Diethyl Ether	2.18	74	383626	97.485	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.37	101	482135	93.687	ug/l 99
10) 1,1-Dichloroethene	2.36	96	509896	96.100	ug/l 99
11) Methyl Iodide	2.50	142	725412	109.780	ug/l 99
12) Methyl Acetate	2.77	43	770430	84.424	ug/l 99
13) Acrolein	2.28	56	498569	496.297	ug/l 99
14) Acrylonitrile	3.13	53	1531991	452.834	ug/l 100
15) Acetone	2.44	58	429292	433.689	ug/l 90
16) Carbon Disulfide	2.56	76	1424818	96.914	ug/l 99
17) Allyl chloride	2.72	41	932183	95.723	ug/l 98
18) Methylene Chloride	2.84	84	590938	96.287	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	554169	97.178	ug/l 99
20) Diisopropyl ether	3.84	45	1874669	98.548	ug/l 97
21) 1,1-Dichloroethane	3.69	63	1012283	97.980	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	638605	97.782	ug/l 99
23) tert-Butyl Alcohol	3.05	59	603366m	377.919	ug/l
24) Methyl tert-Butyl Ether	3.19	73	1729862	97.939	ug/l 99
25) Chloroform	5.20	83	974916	96.716	ug/l 100
26) Cyclohexane	5.57	56	914639	97.418	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	744965	99.067	ug/l 100
30) 2-Butanone	4.66	43	2160649	450.646	ug/l 99
31) 2,2-Dichloropropane	4.57	77	699967	88.798	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	828315	99.809	ug/l 99
33) Carbon Tetrachloride	5.78	117	715913	99.812	ug/l 98
34) Benzene	6.13	78	2303401	100.770	ug/l 97
35) Methacrylonitrile	5.03	41	473123	96.383	ug/l 96
36) 1,2-Dichloroethane	6.18	62	789384	99.326	ug/l 100
37) Trichloroethene	7.20	130	626111	101.839	ug/l 96
38) Methylcyclohexane	7.46	83	911244	99.657	ug/l 98
39) 1,2-Dichloropropane	7.51	63	605636	102.268	ug/l 93
40) Dibromomethane	7.65	93	383113	98.045	ug/l 98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 13 01:15:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	777219	102.678	ug/l	99
42) Vinyl Acetate	3.80	43	7948961	508.826	ug/l	100
43) Ethyl Acetate	4.82	43	846643	95.321	ug/l	99
44) Isopropyl Acetate	6.44	43	1419760	98.565	ug/l	99
45) 1,4-Dioxane	7.73	88	265953	1695.576	ug/l	98
46) Methyl methacrylate	7.76	41	715759	99.768	ug/l	99
47) n-amyl Acetate	10.89	43	1344292	105.690	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	880589	103.997	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	965264	103.655	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	591529	101.726	ug/l	100
51) Ethyl methacrylate	9.17	69	996910	104.422	ug/l	98
52) 1,3-Dichloropropane	9.37	76	1002486	100.759	ug/l	99
53) Dibromochloromethane	9.58	129	639157	104.896	ug/l	98
54) 1,2-Dibromoethane	9.67	107	621203	100.877	ug/l	97
55) 2-Chloroethyl vinyl ether	8.31	63	2079793	509.071	ug/l	99
56) Bromoform	10.86	173	511318	105.844	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	4407077	470.064	ug/l	99
59) 2-Hexanone	9.49	43	3366865	458.836	ug/l	99
61) Tetrachloroethene	9.33	164	590448	103.341	ug/l	97
62) Toluene	8.78	91	2486519	98.302	ug/l	99
64) Chlorobenzene	10.14	112	1571844	98.866	ug/l	96
65) 1,1,1,2-Tetrachloroethane	10.21	131	593594	100.470	ug/l	100
66) Ethyl Benzene	10.25	91	2799807	100.636	ug/l	98
67) m/p-Xylenes	10.36	106	2151051	200.249	ug/l	98
68) o-Xylene	10.70	106	1058857	101.618	ug/l	99
69) Styrene	10.71	104	1832137	103.613	ug/l	99
70) Isopropylbenzene	11.01	105	2735416	100.340	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	958439	98.275	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	865698m	102.544	ug/l	
73) Bromobenzene	11.25	156	727816	100.877	ug/l	100
74) n-propylbenzene	11.35	91	3143140	101.450	ug/l	98
75) 2-Chlorotoluene	11.42	91	1869191	101.016	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	2344636	102.094	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	317765	98.597	ug/l	88
78) 4-Chlorotoluene	11.51	91	2173424	102.462	ug/l	98
79) tert-butylbenzene	11.77	119	2324797	101.184	ug/l	98
80) 1,2,4-Trimethylbenzene	11.81	105	2357693	102.824	ug/l	99
81) sec-Butylbenzene	11.94	105	2701293	102.242	ug/l	99
82) p-Isopropyltoluene	12.06	119	2482136	102.508	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	1298304	102.482	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	1294976	102.844	ug/l	100
85) n-Butylbenzene	12.39	91	2166389	104.366	ug/l	99
86) Hexachloroethane	12.59	117	468034	105.892	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	1304408	103.041	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	204513	95.023	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	898051	104.513	ug/l	100
90) Hexachlorobutadiene	13.78	225	402404	97.297	ug/l	98
91) Naphthalene	13.83	128	2723544	101.157	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	892994	103.058	ug/l	98

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ClientSampleId :
VSTDICC100

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QLast Update : Fri Dec 13 01:15:47 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

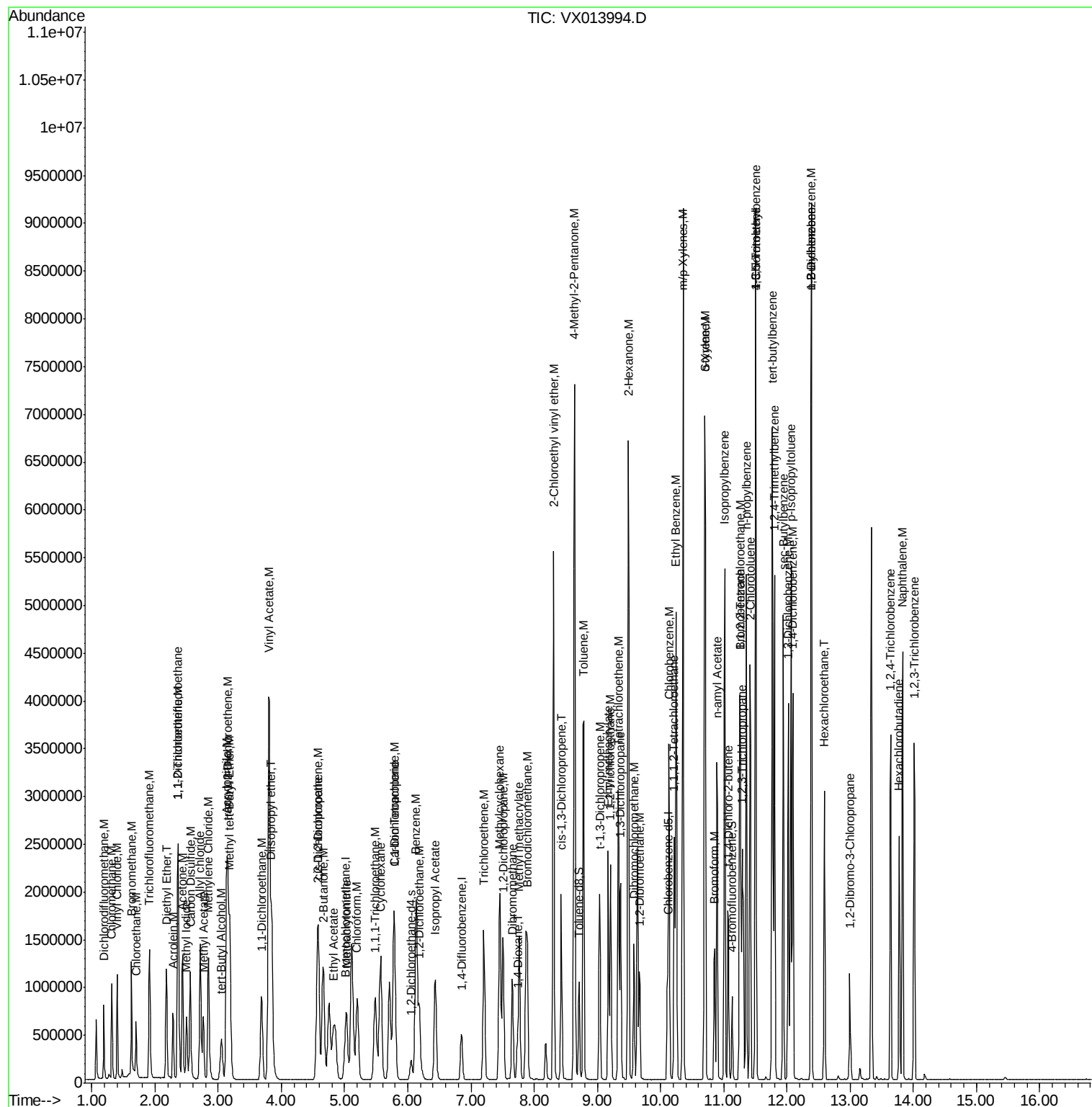
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Data File : VX013994.D
Acq On : 13 Dec 2019 00:07
Operator : JC/SP
Sample : VSTDIC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 33 Sample Multiplier: 1

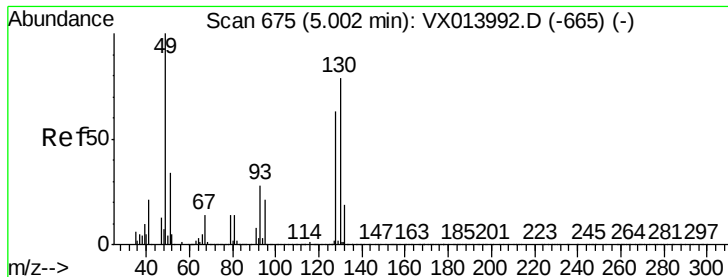
Instrument :
MSVOA_X
ClientSampled :
VSTDIC100

Manual Integrations
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#1

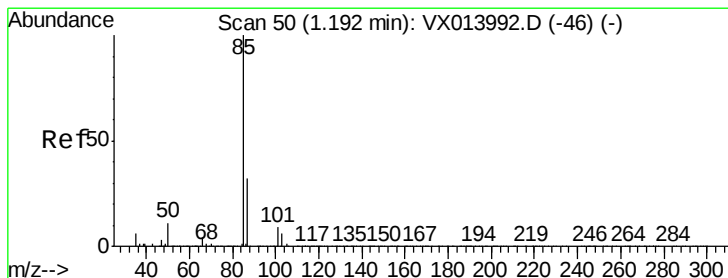
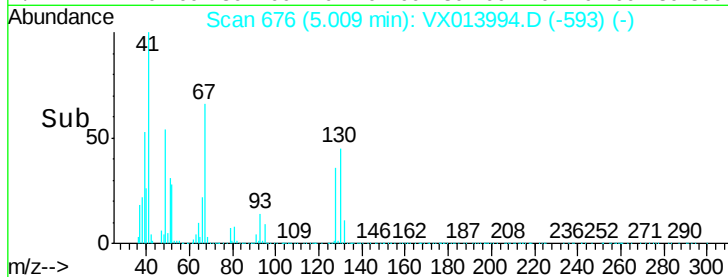
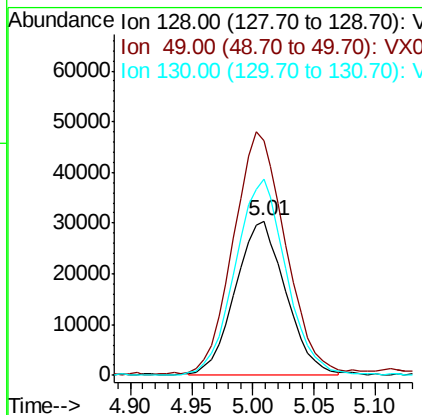
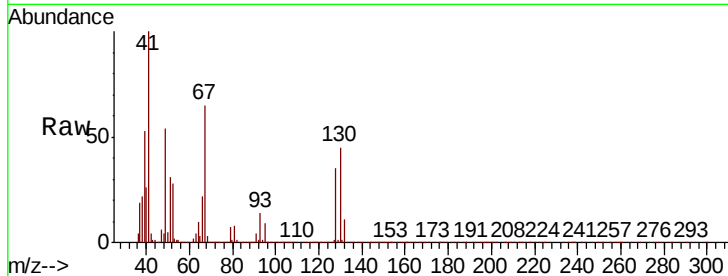
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.01 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
128	100		
49	160.8	0.0	405.0
130	128.2	0.0	321.5

Manual Integrations
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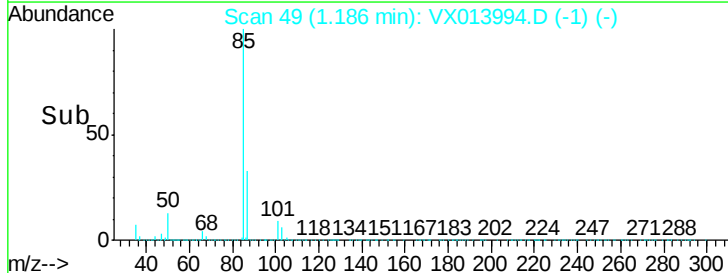
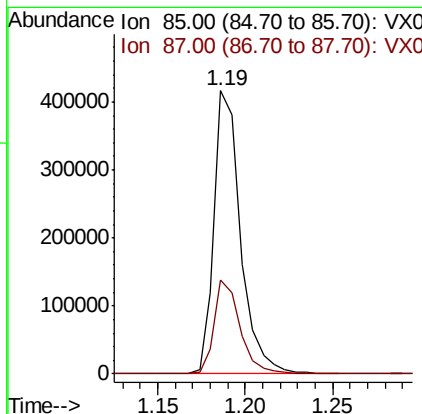
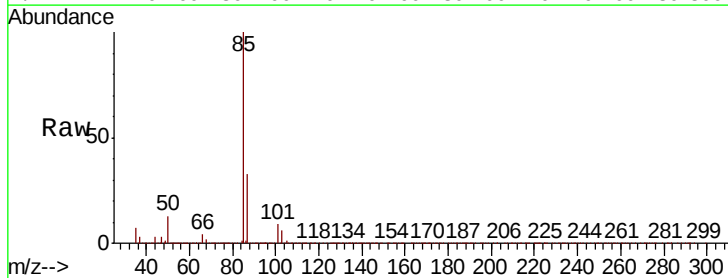
apatel
 12/13/2019 11:25:48 AM

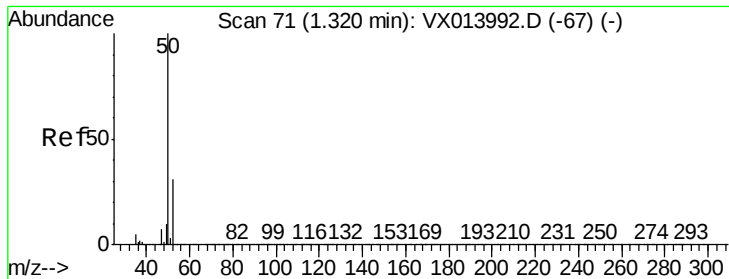


#2

Dichlorodifluoromethane
 Concen: 72.001 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. -0.01 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.3	48.9





#3

Chloromethane

Concen: 88.307 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 50 Resp: 615401

Ion Ratio Lower Upper

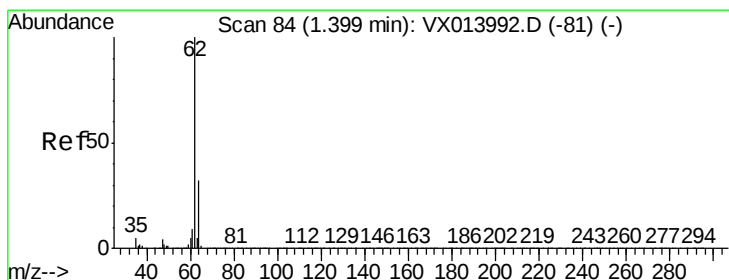
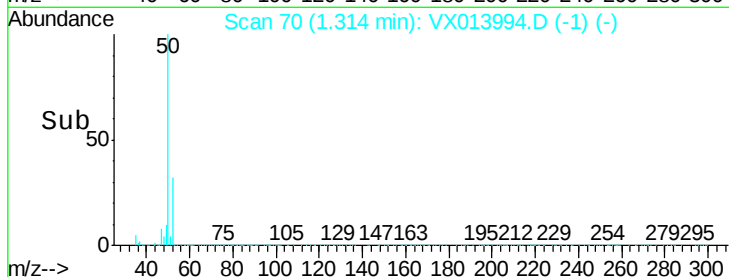
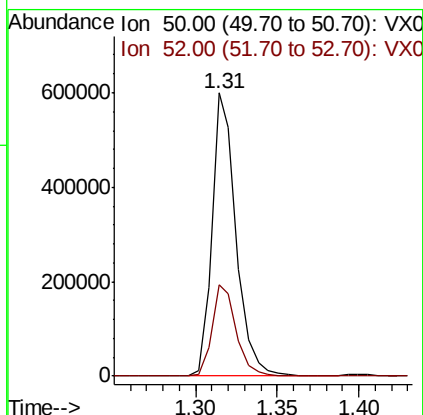
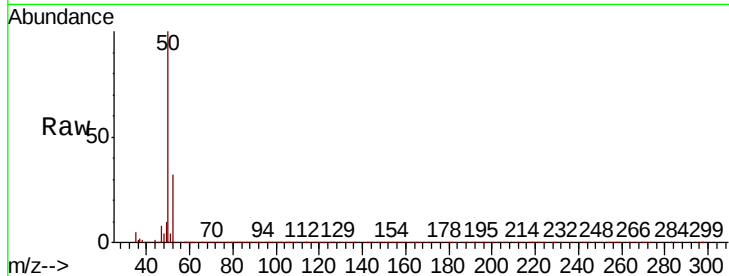
50 100

52 32.3 24.3 36.5

Manual Integrations
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#4

Vinyl Chloride

Concen: 84.369 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013994.D

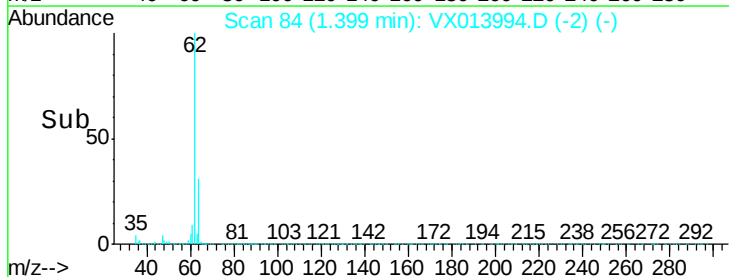
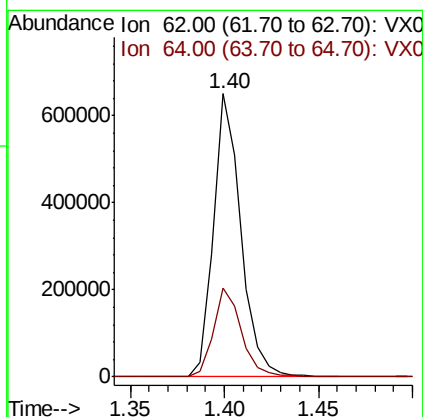
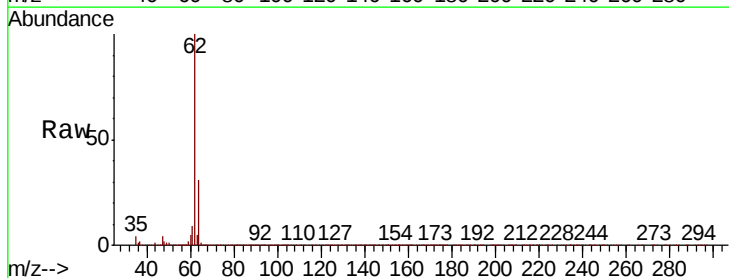
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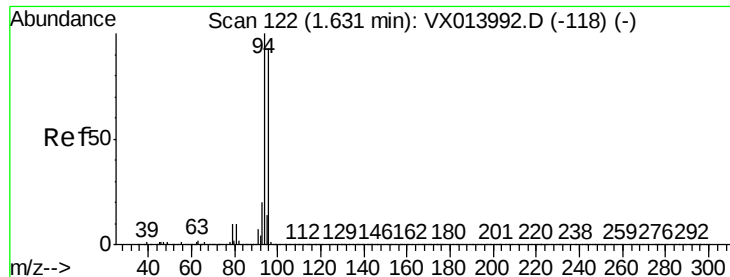
Tgt Ion: 62 Resp: 653508

Ion Ratio Lower Upper

62 100

64 31.3 25.2 37.8





#5

Bromomethane

Concen: 92.201 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 451842

Ion Ratio Lower Upper

94 100

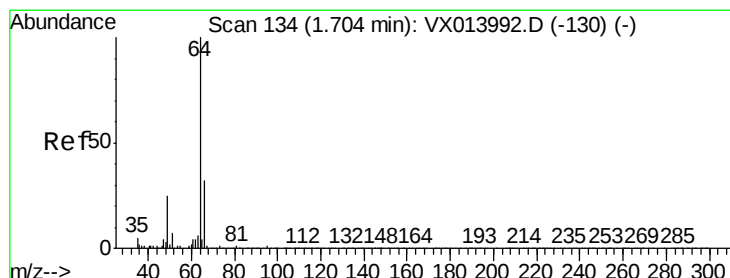
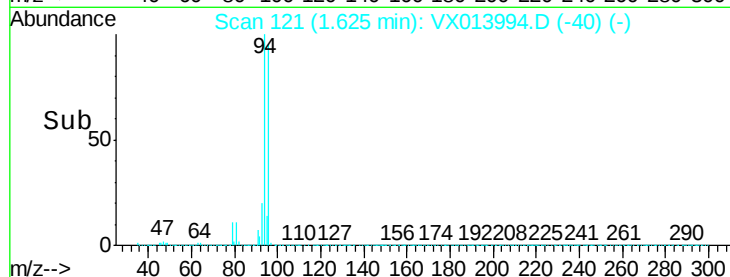
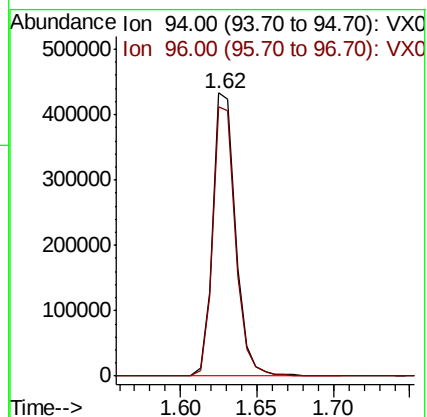
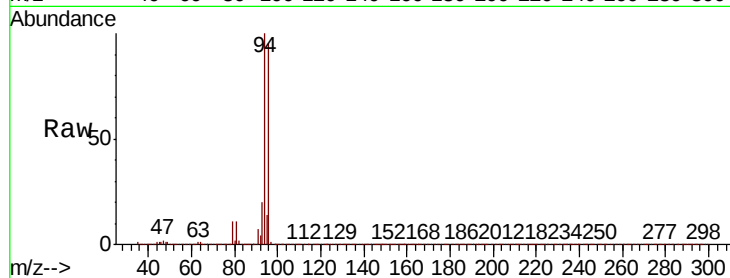
96 95.3 74.4 111.6

Manual Integrations

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#6

Chloroethane

Concen: 91.580 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.01 min

Lab File: VX013994.D

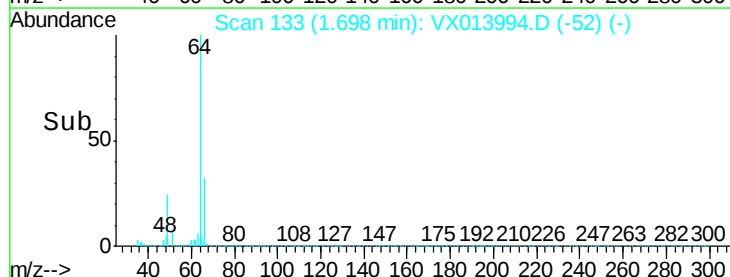
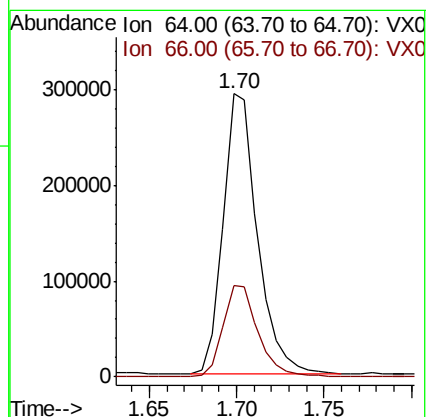
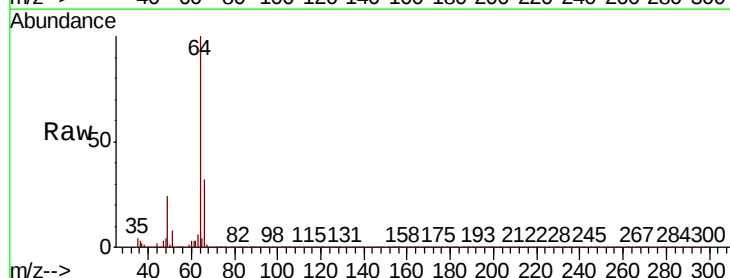
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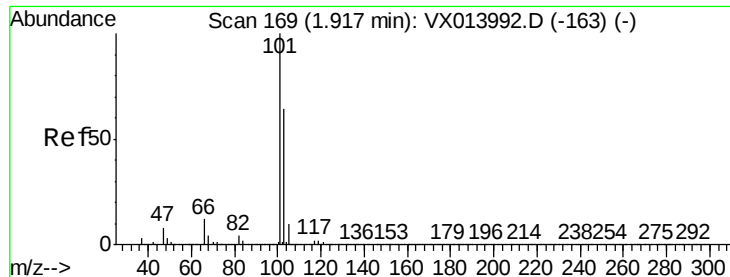
Tgt Ion: 64 Resp: 398449

Ion Ratio Lower Upper

64 100

66 32.5 25.2 37.8





#7

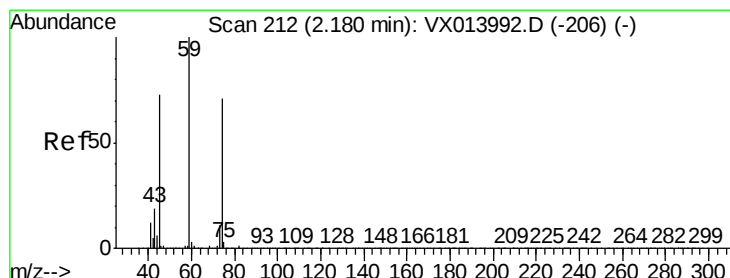
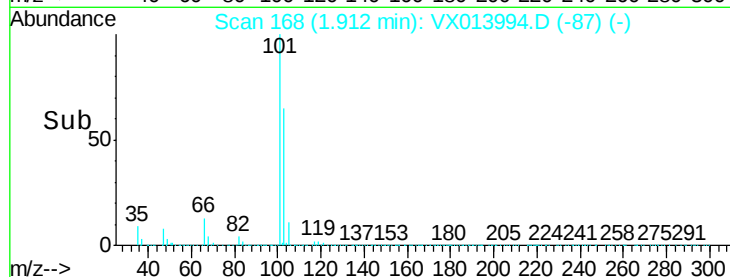
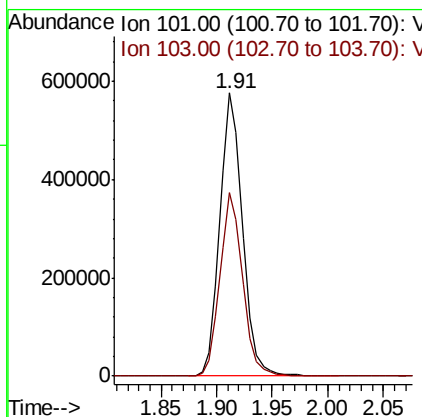
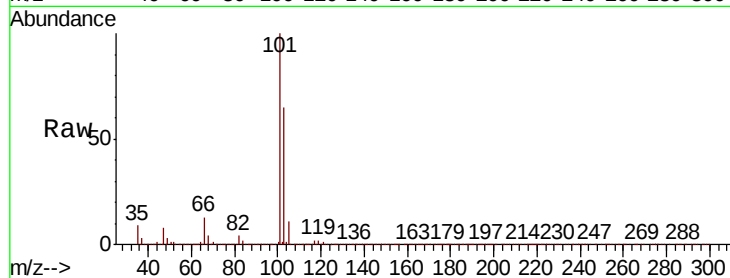
Trichlorofluoromethane
Concen: 94.192 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.8	51.6	77.4

Manual Integrations
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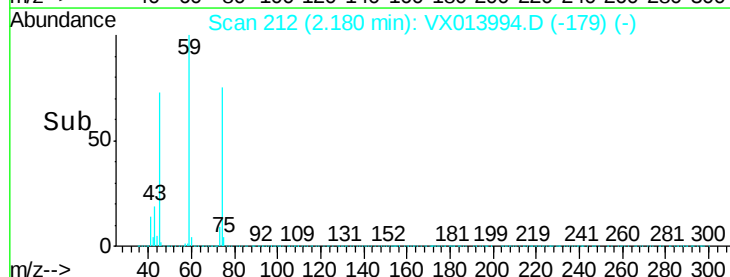
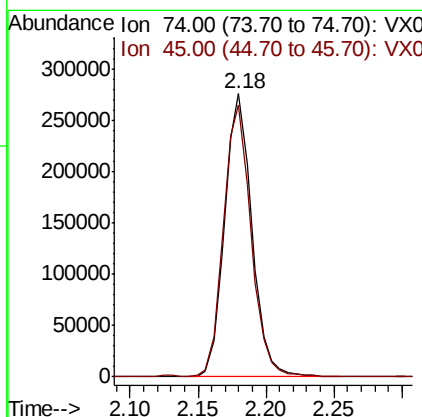
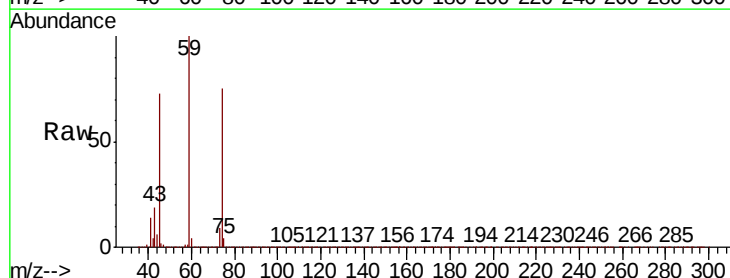
apatel
12/13/2019 11:25:48 AM

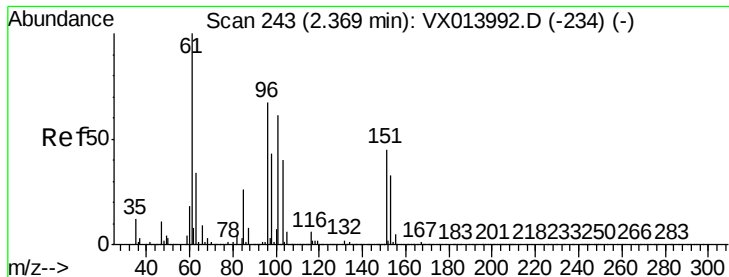


#8

Diethyl Ether
Concen: 97.485 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.1	20.6	185.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 93.687 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

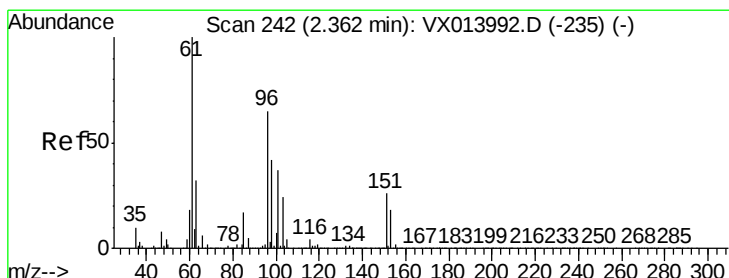
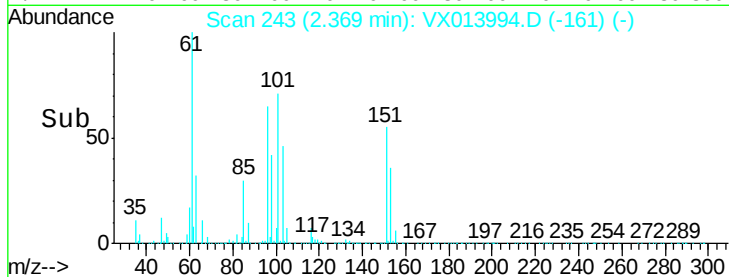
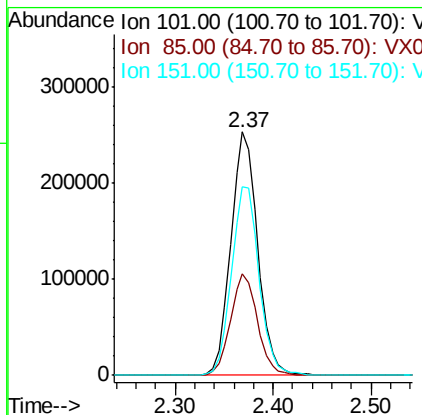
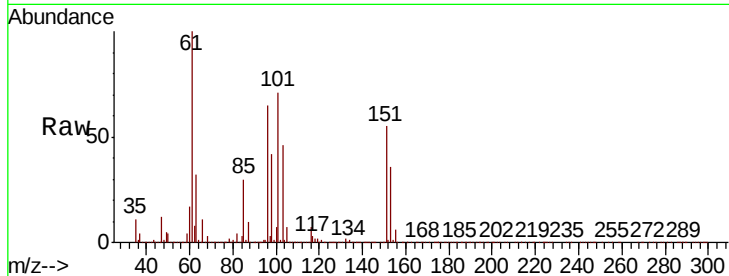
ClientSampleId :

VSTDIC100

Tot Ion:	101	Resp:	482135
Ion Ratio	Lower	Upper	
101	100		
85	41.4	0.0	85.6
151	79.8	0.0	159.4

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#10

1,1-Dichloroethene

Concen: 96.100 ug/l

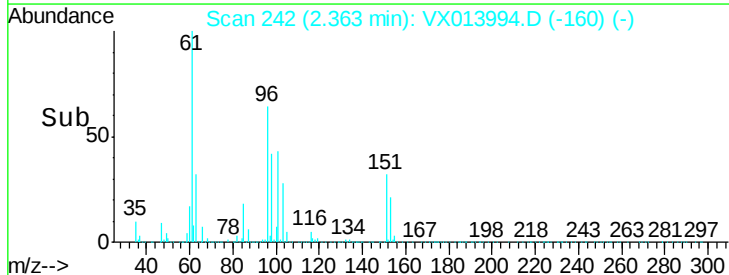
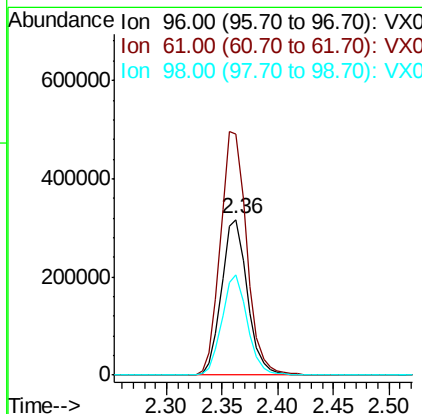
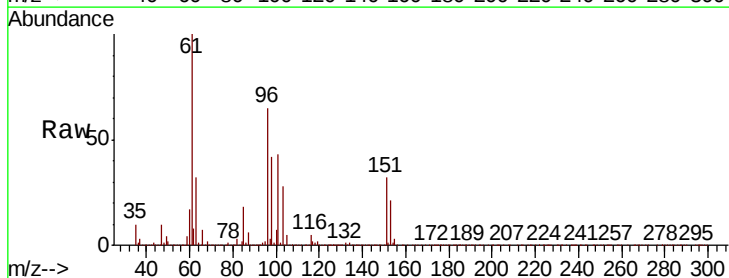
RT: 2.36 min Scan# 242

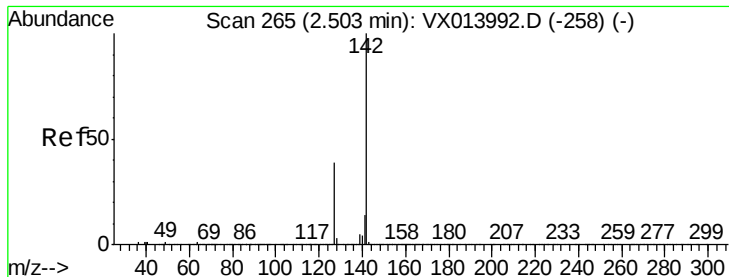
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	96	Resp:	509896
Ion Ratio	Lower	Upper	
96	100		
61	155.0	123.0	184.6
98	64.4	51.4	77.0





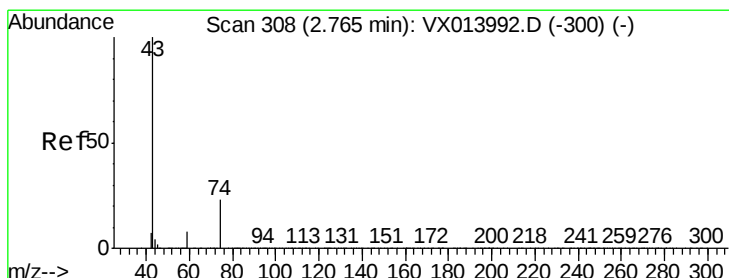
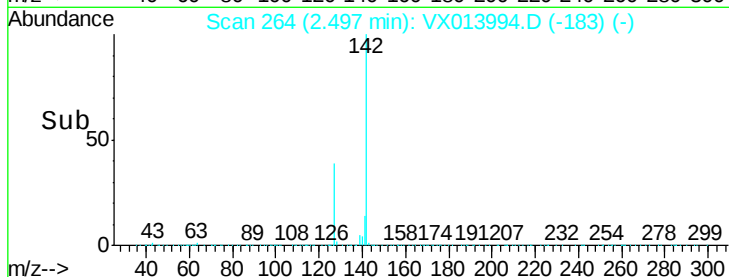
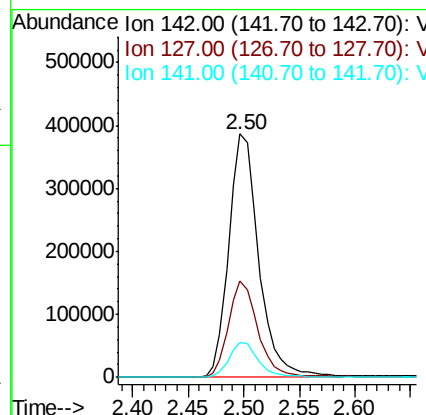
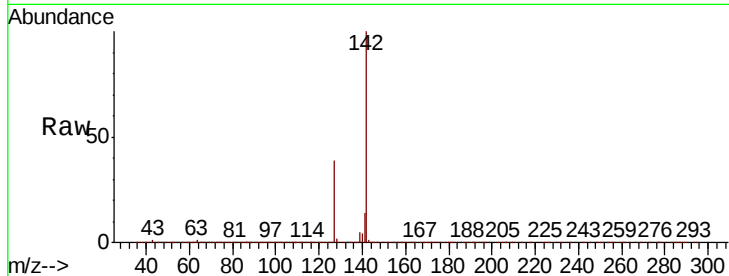
#11
Methvl Iodide
Concen: 109.780 ug/l
RT: 2.50 min Scan# 264
Delta R.T. -0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.4	19.5	58.5
141	14.2	7.0	20.9

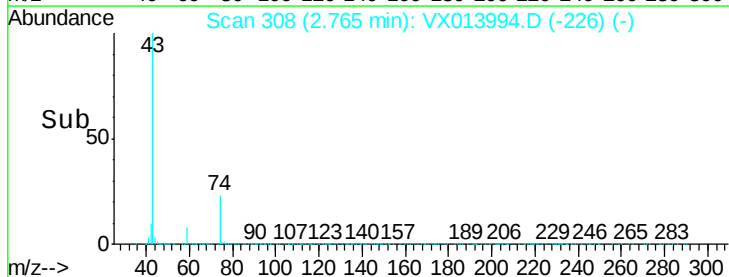
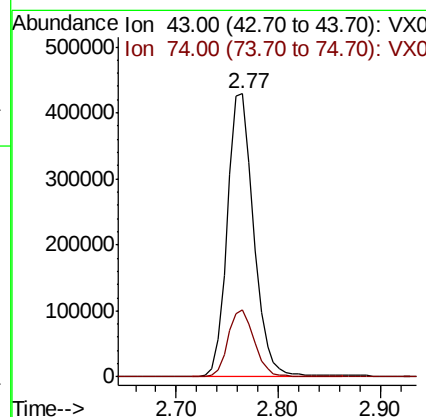
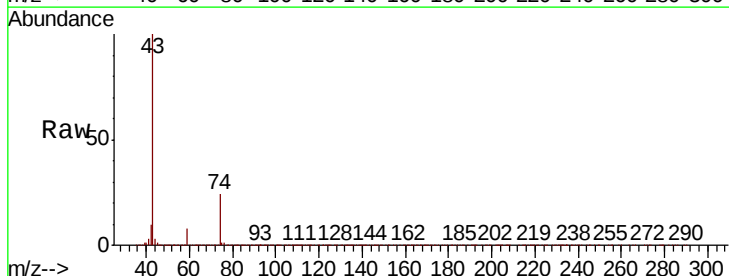
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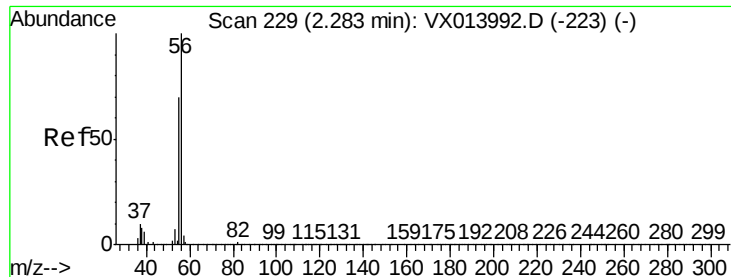
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#12
Methyl Acetate
Concen: 84.424 ug/l
RT: 2.77 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.4	18.5	27.7





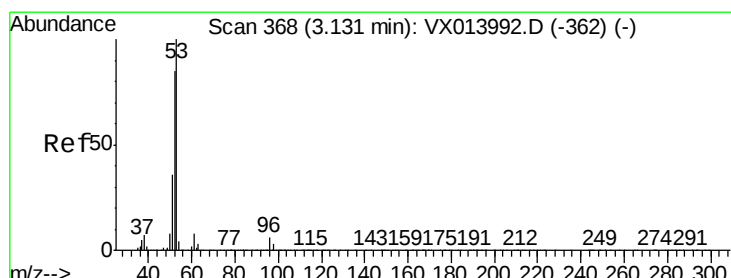
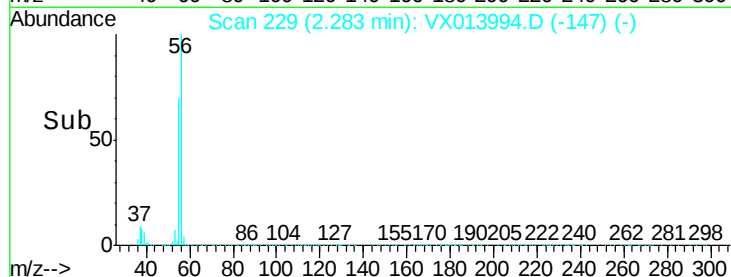
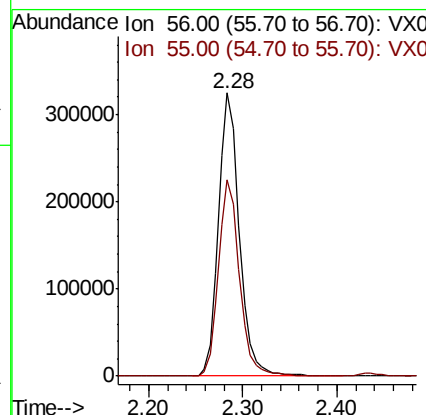
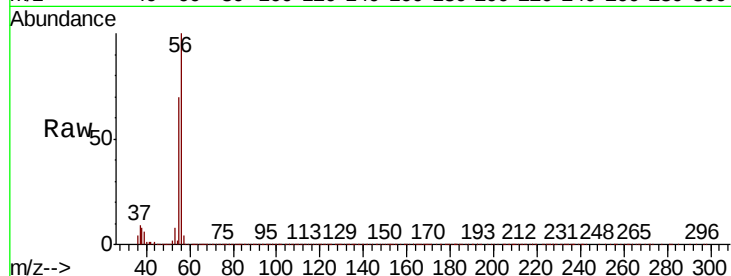
#13
Acrolein
Concen: 496.297 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.7	54.9	82.3

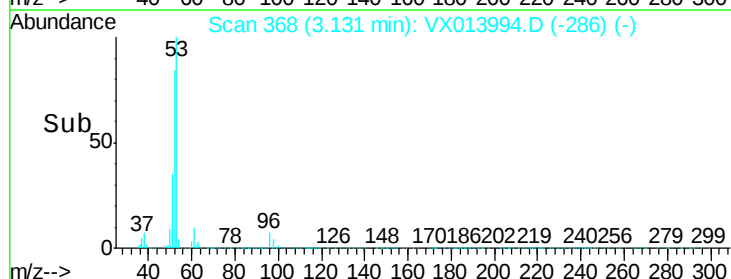
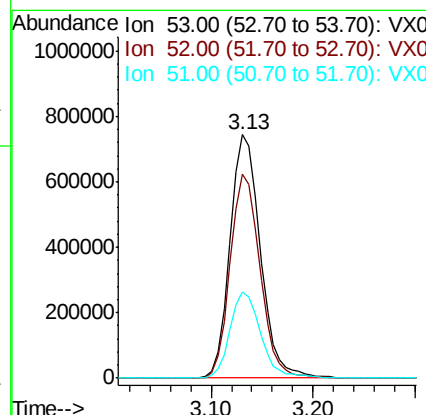
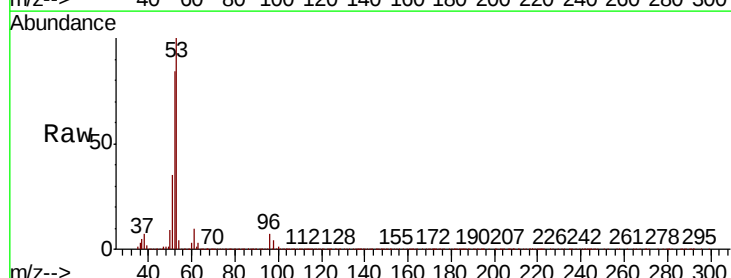
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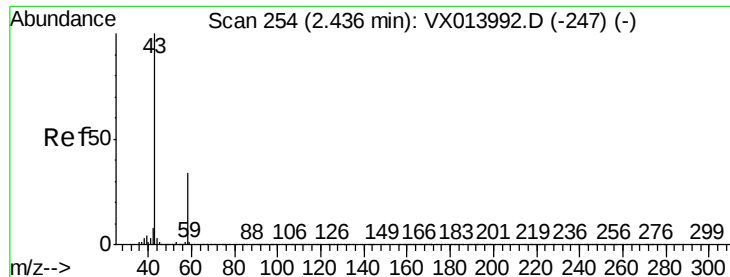
apatel
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#14
Acrylonitrile
Concen: 452.834 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.8	41.5	124.6
51	35.7	17.8	53.5





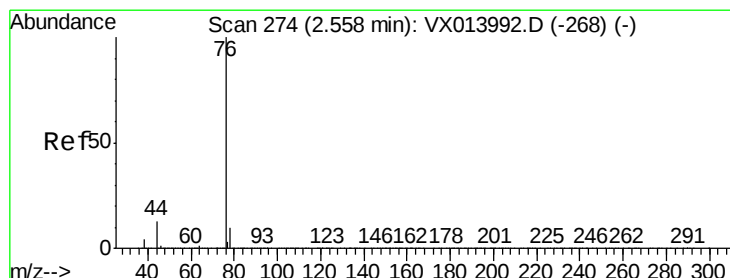
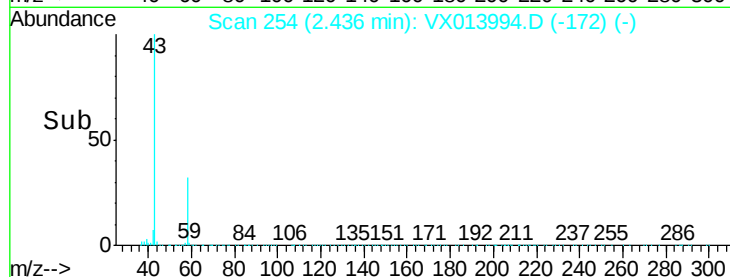
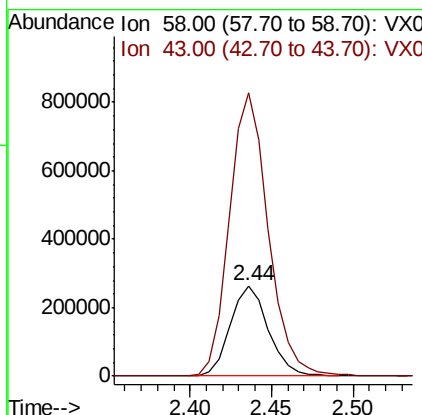
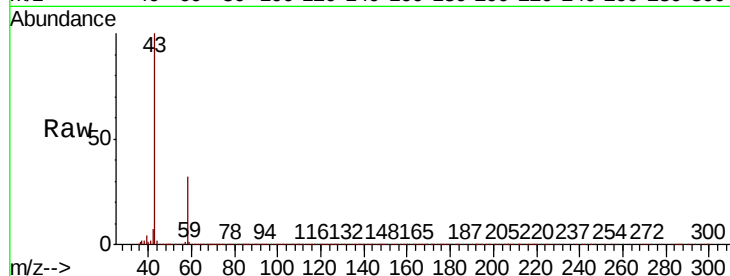
#15
Acetone
Concen: 433.689 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
58	100		
43	313.9	236.3	354.5

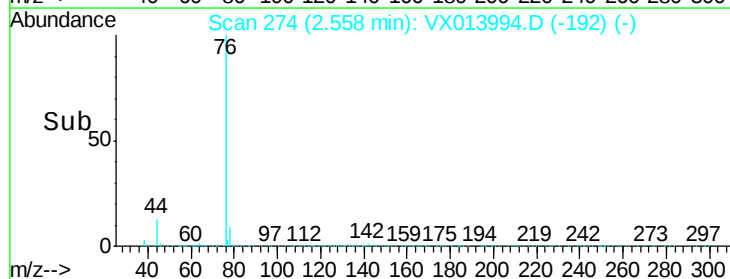
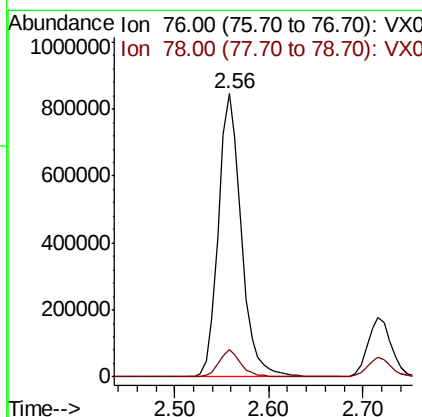
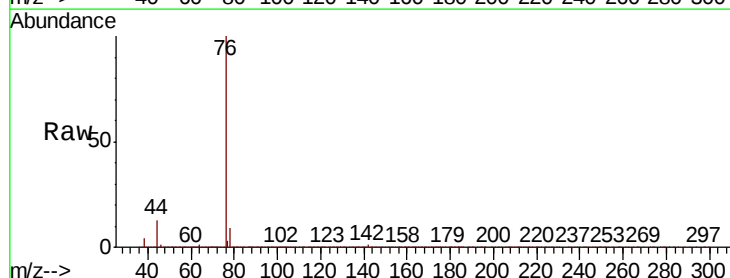
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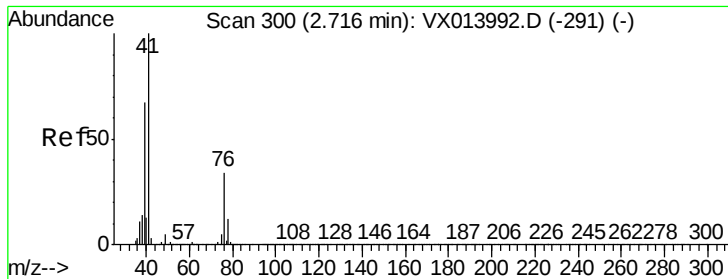
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#16
Carbon Disulfide
Concen: 96.914 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.8	11.8





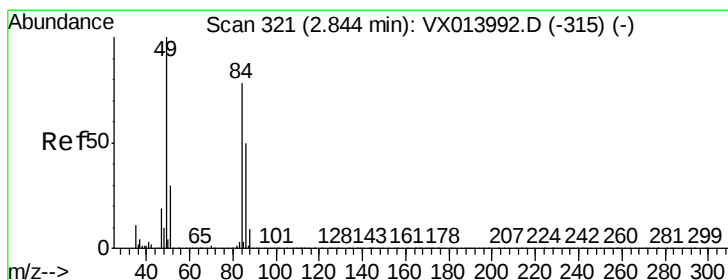
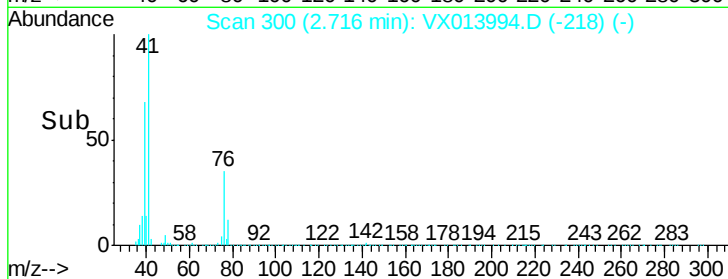
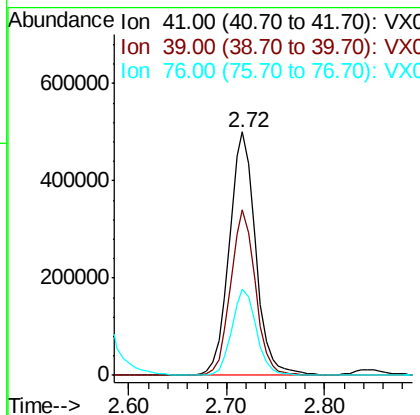
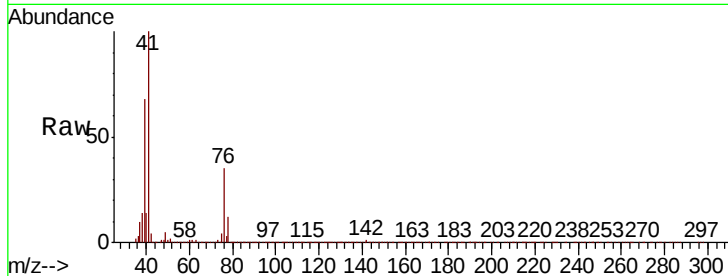
#17
Allvl chloride
Concen: 95.723 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	41	Resp:	932183
Ion Ratio	Lower	Upper	
41	100		
39	68.1	33.4	100.2
76	35.2	17.0	50.9

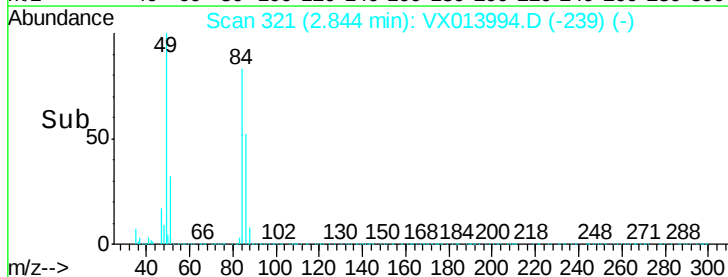
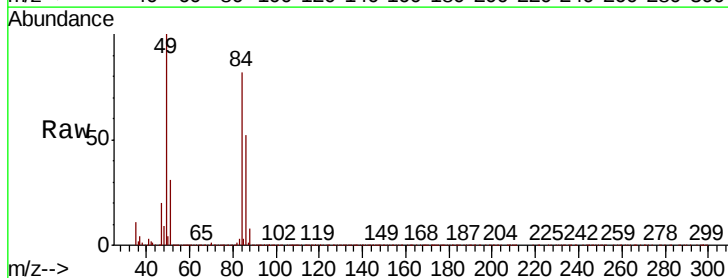
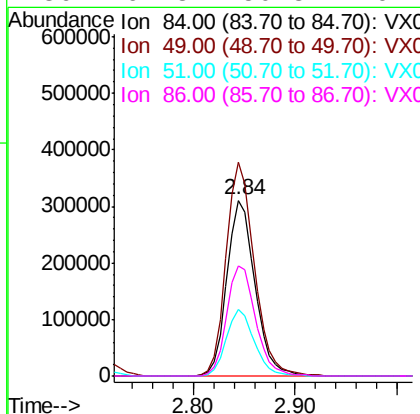
Manual Integrations
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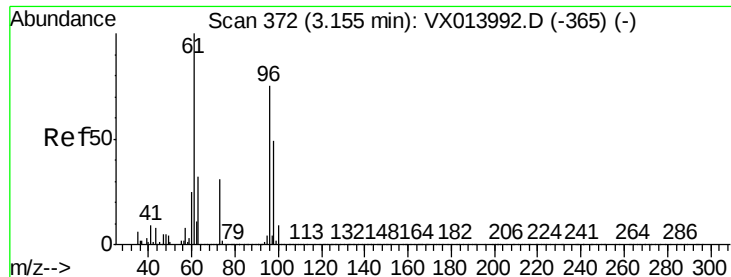
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#18
Methylene Chloride
Concen: 96.287 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion:	84	Resp:	590938
Ion Ratio	Lower	Upper	
84	100		
49	121.6	102.2	153.2
51	38.0	31.4	47.0
86	62.8	50.8	76.2





#19

trans-1,2-Dichloroethene

Concen: 97.178 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

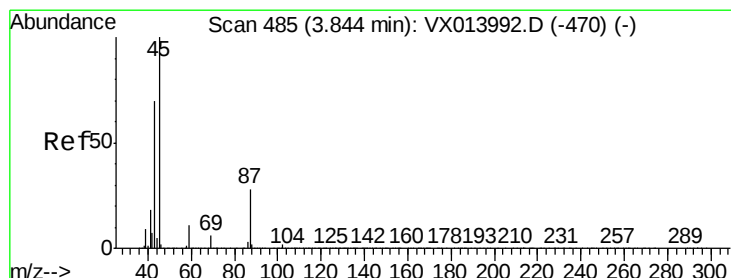
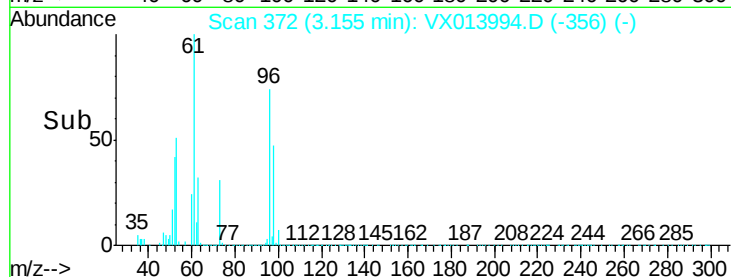
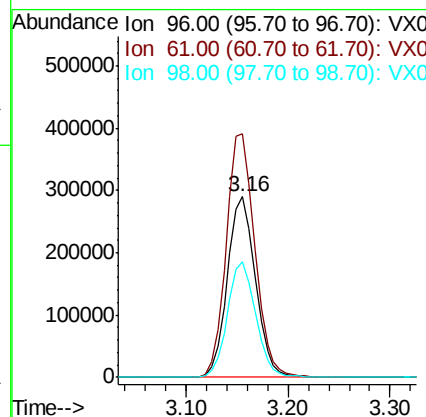
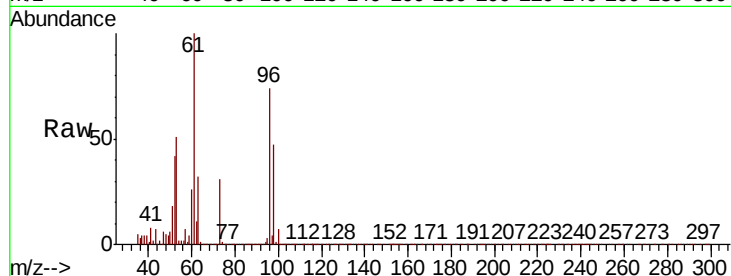
ClientSampleId :

VSTDIC100

Tot Ion:	96	Resp:	554169
Ion Ratio	Lower	Upper	
96	100		
61	134.8	106.6	159.8
98	63.8	51.6	77.4

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#20

Diisopropyl ether

Concen: 98.548 ug/l

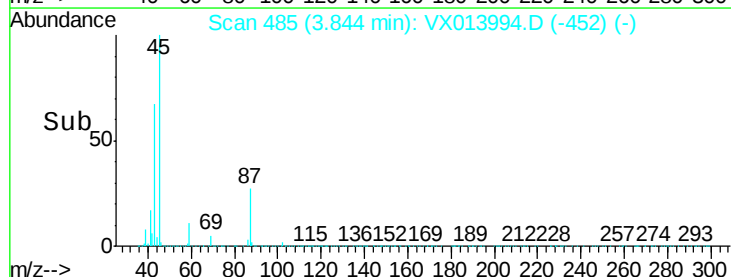
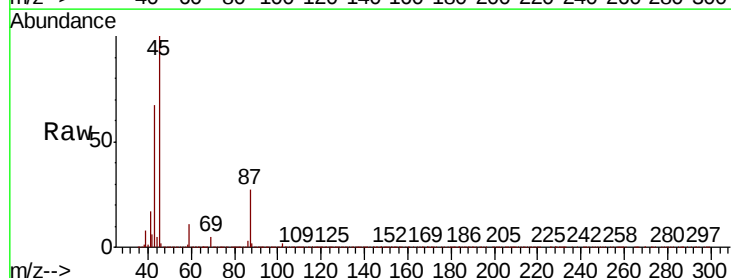
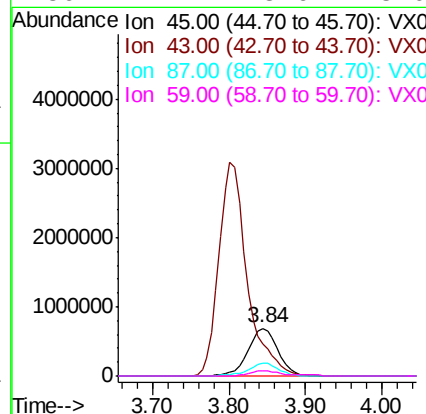
RT: 3.84 min Scan# 485

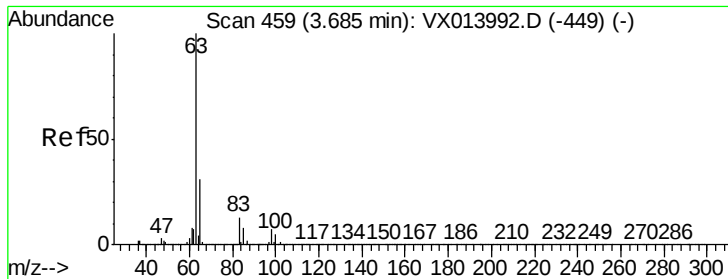
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	45	Resp:	1874669
Ion Ratio	Lower	Upper	
45	100		
43	66.1	55.9	83.9
87	27.2	22.2	33.2
59	11.1	8.6	13.0





#21

1,1-Dichloroethane

Concen: 97.980 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

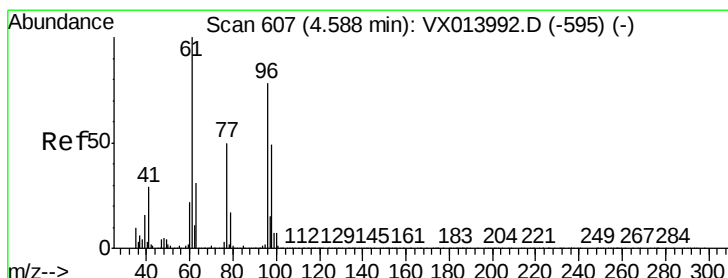
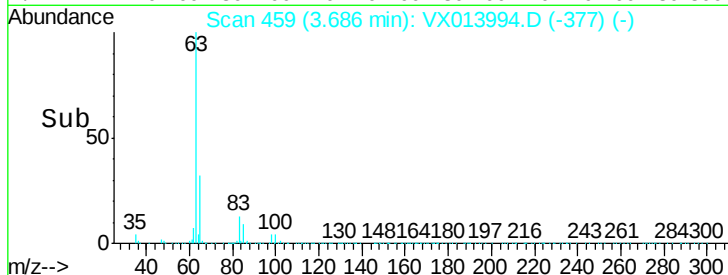
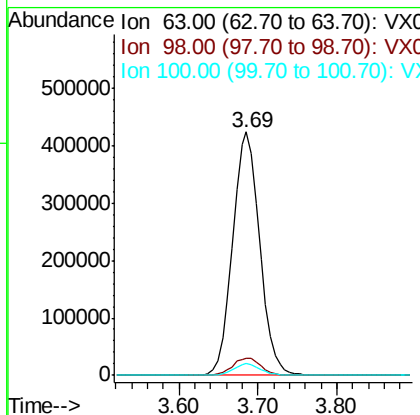
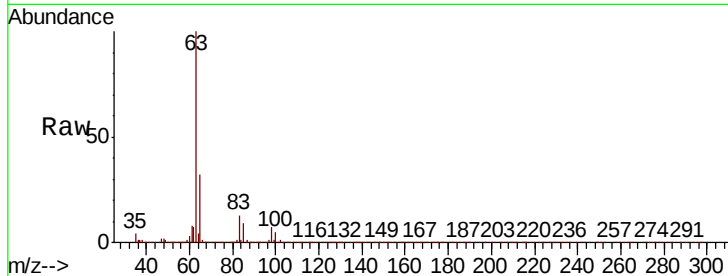
ClientSampleId :

VSTDICC100

Tot Ion:	63	Resp:	1012283
Ion	Ratio	Lower	Upper
63	100		
98	7.2	3.4	10.1
100	4.7	2.5	7.4

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 97.782 ug/l

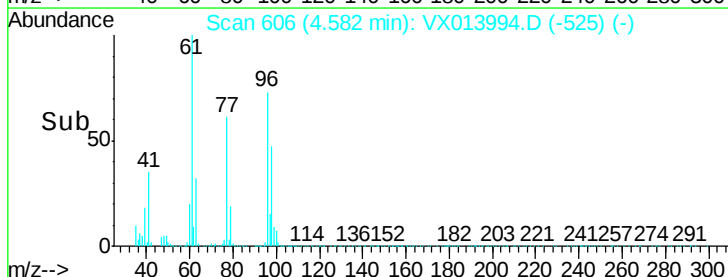
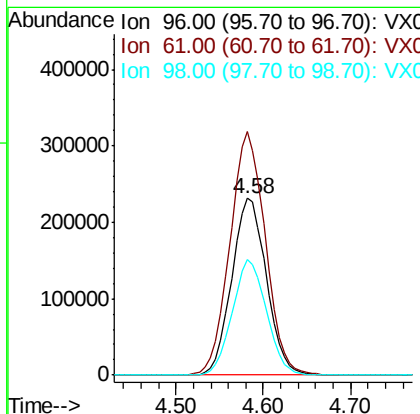
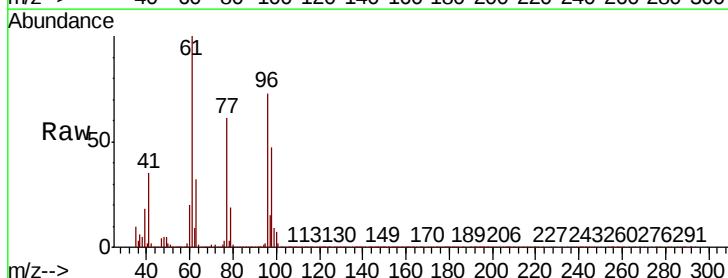
RT: 4.58 min Scan# 606

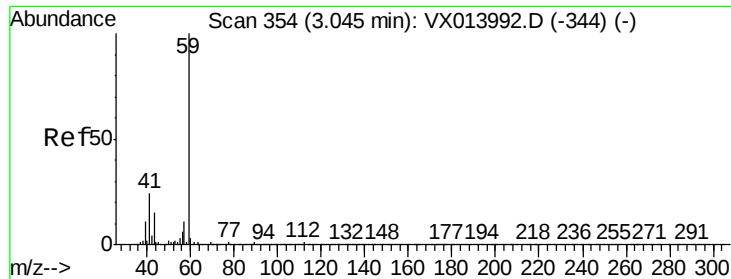
Delta R.T. -0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	96	Resp:	638605
Ion	Ratio	Lower	Upper
96	100		
61	140.3	112.4	168.6
98	64.2	50.3	75.5





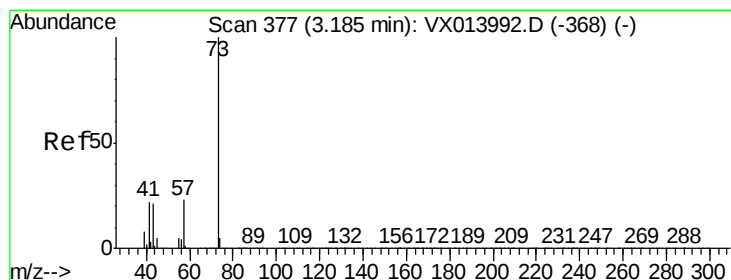
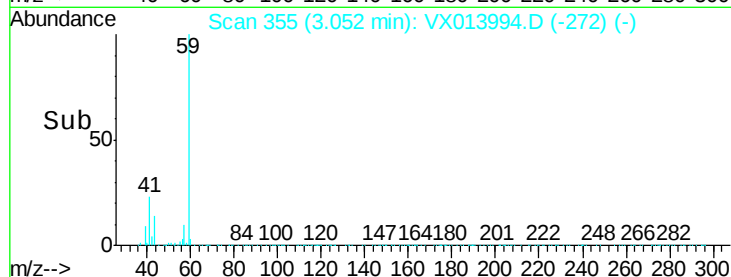
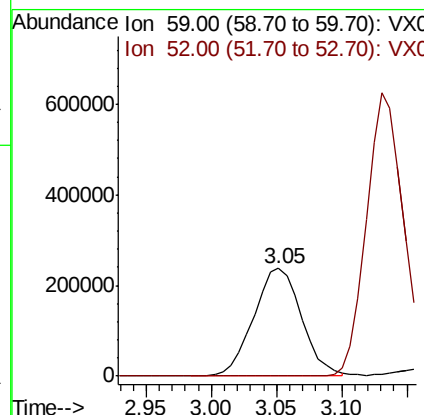
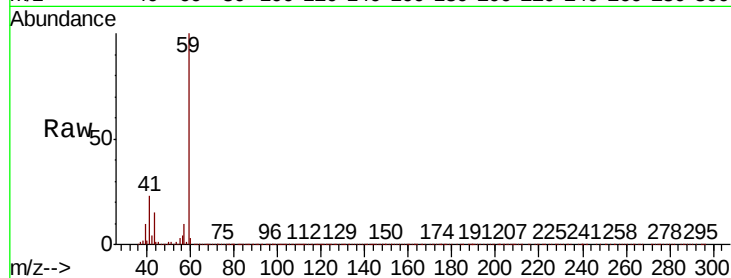
#23
tert-Butyl Alcohol
Concen: 377.919 ug/l m
RT: 3.05 min Scan# 355
Delta R.T. 0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion: 59 Resp: 603366
Ion Ratio Lower Upper
59 100
52 0.0 0.2 0.2#

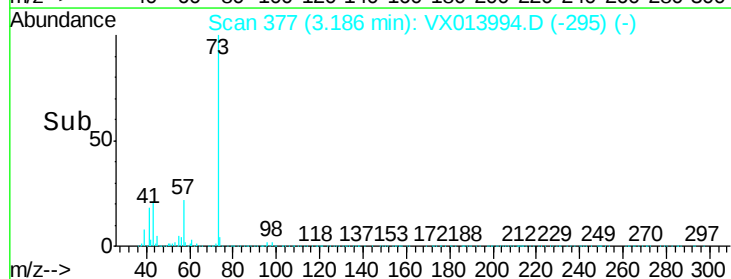
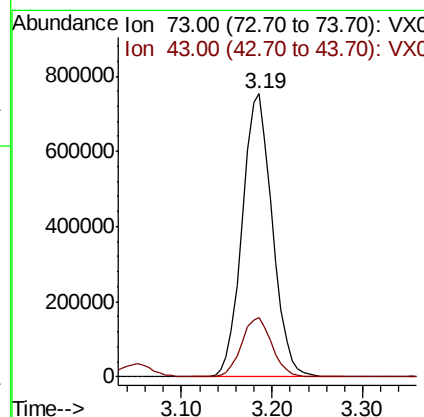
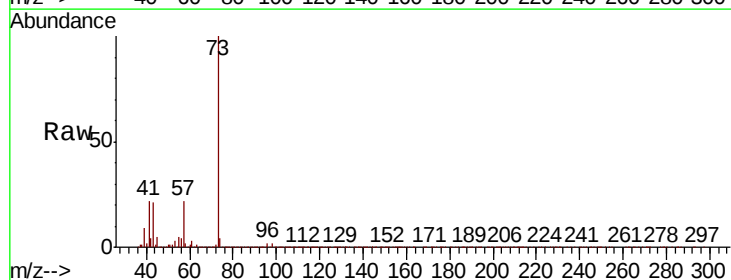
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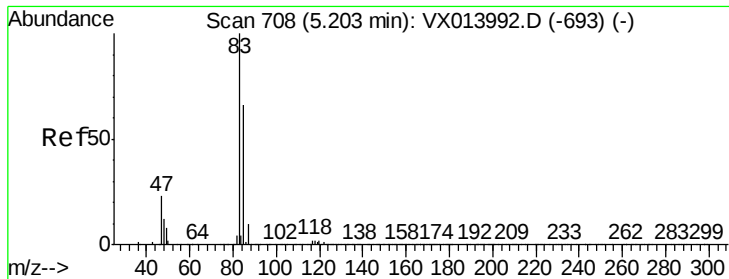
apatel
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#24
Methyl tert-Butyl Ether
Concen: 97.939 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion: 73 Resp: 1729862
Ion Ratio Lower Upper
73 100
43 21.1 16.6 25.0





#25

Chloroform

Concen: 96.716 ug/l

RT: 5.20 min Scan# 707

Delta R.T. -0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 83 Resp: 974916

Ion Ratio Lower Upper

83 100

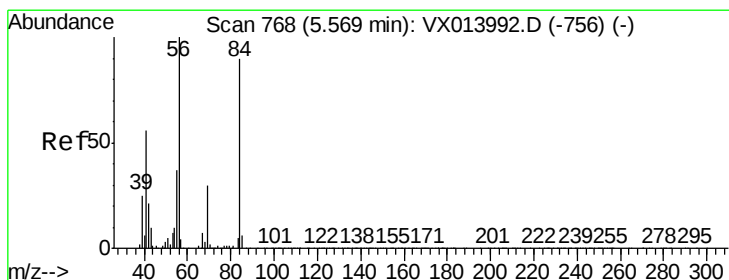
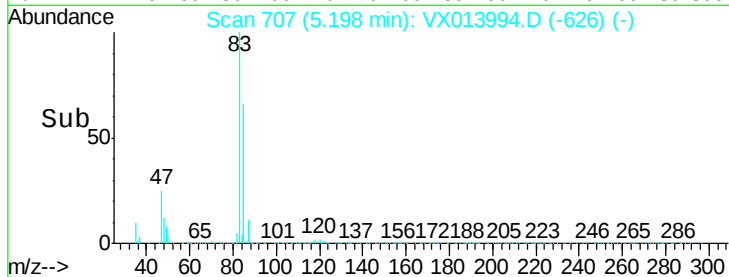
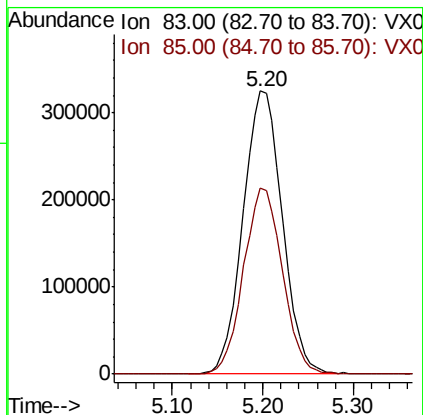
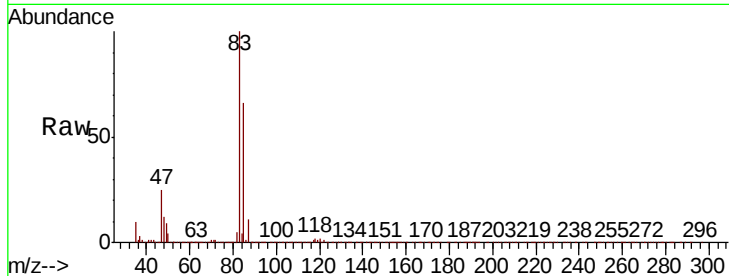
85 65.6 52.7 79.1

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#26

Cyclohexane

Concen: 97.418 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

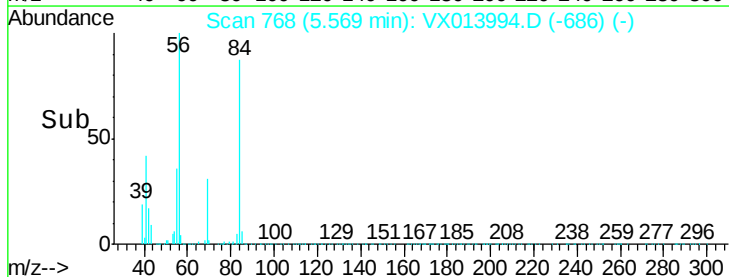
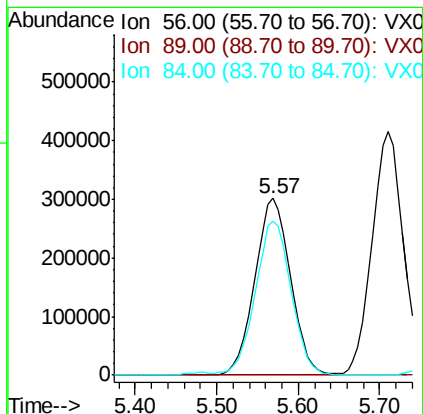
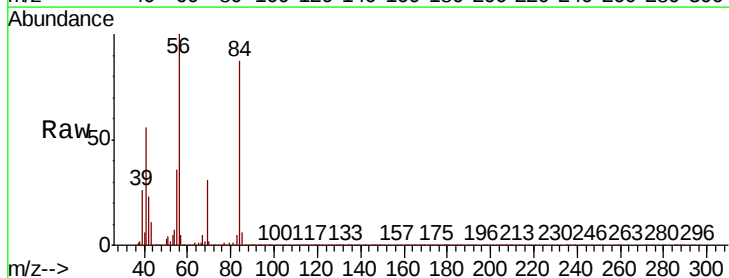
Tgt Ion: 56 Resp: 914639

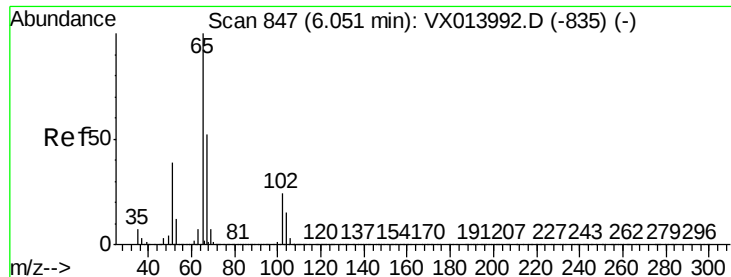
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 87.6 70.8 106.2





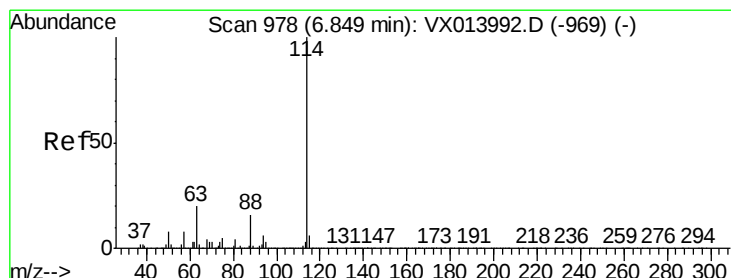
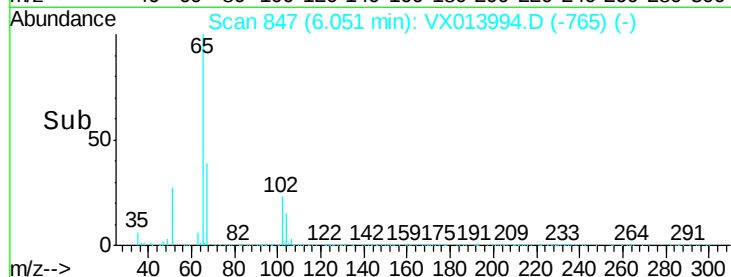
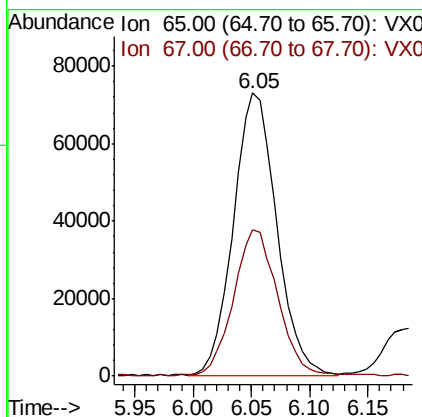
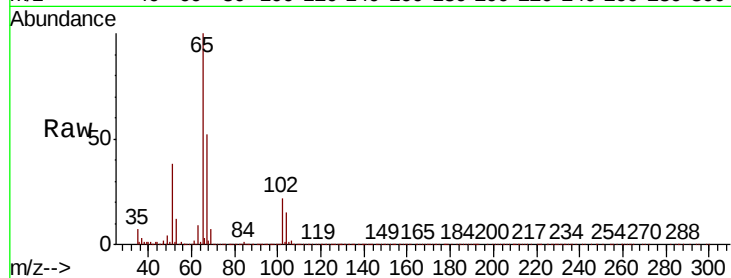
#27
 1,2-Dichloroethane-d4
 Concen: 29.571 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
65	100		
67	51.6	43.1	64.7

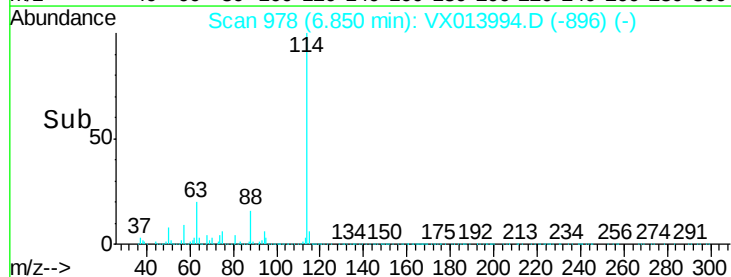
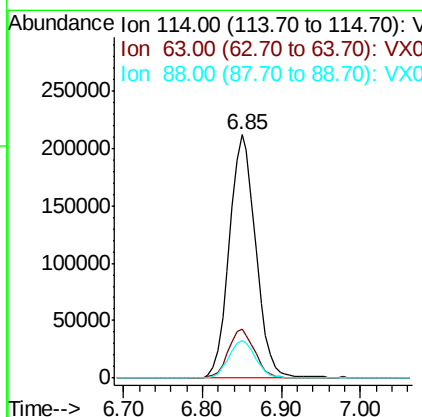
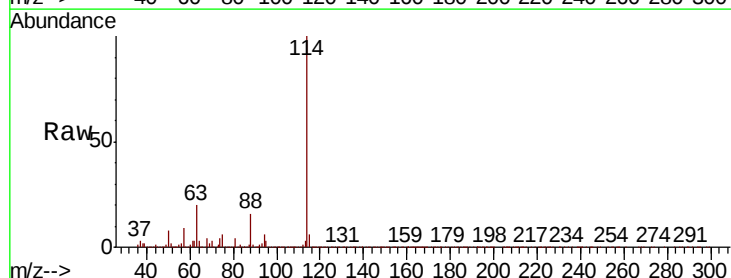
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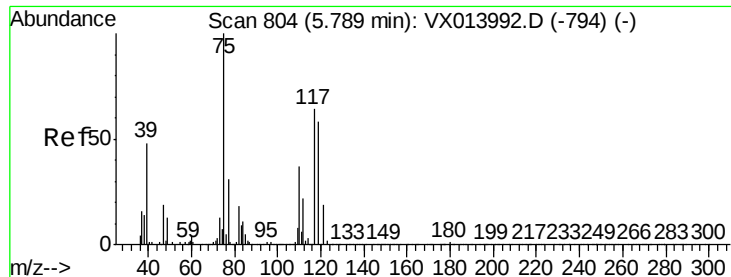
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.6	16.1	24.1
88	15.8	12.5	18.7





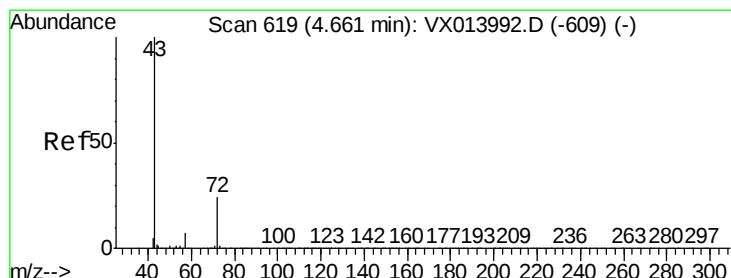
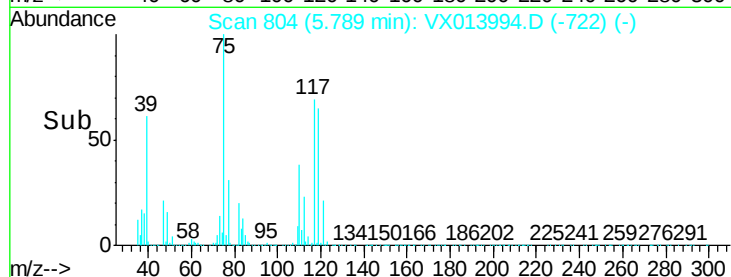
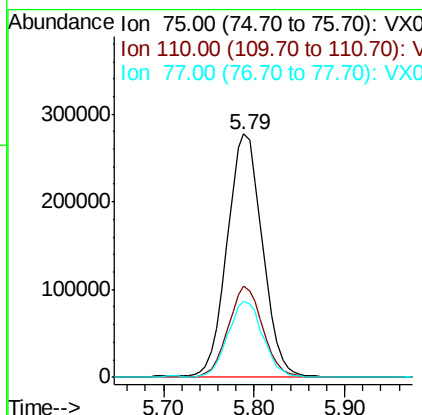
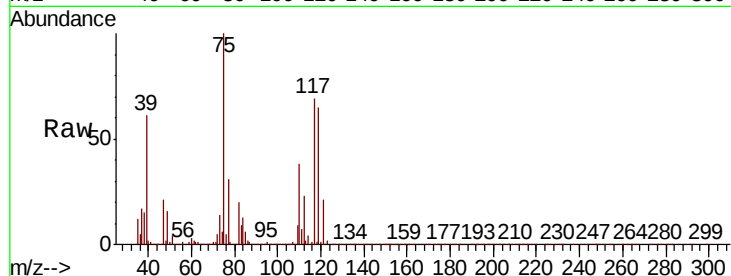
#29
 1,1-Dichloropropene
 Concen: 99.067 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion:	75	Resp:	744965
Ion Ratio	Lower	Upper	
75	100		
110	37.1	0.0	73.8
77	31.1	0.0	62.4

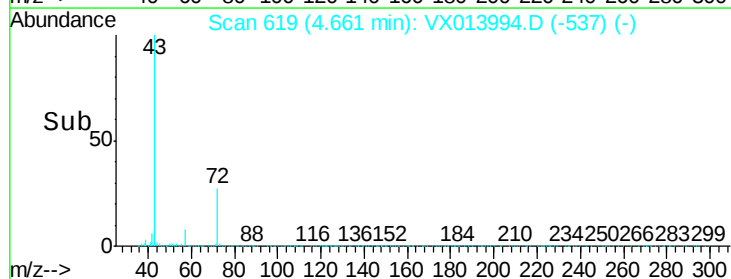
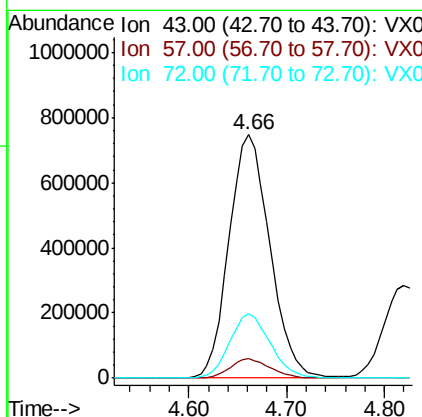
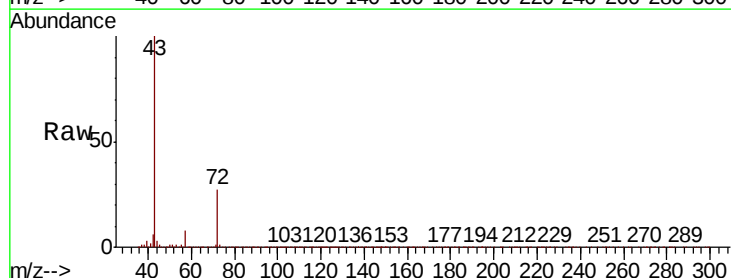
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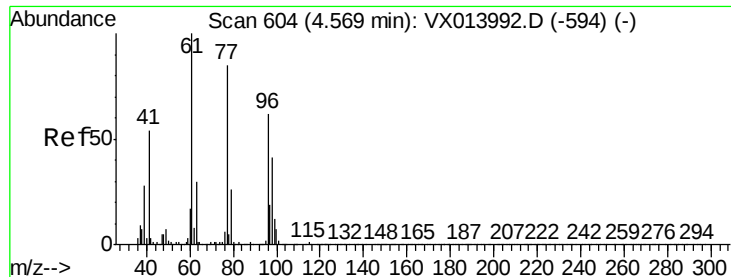
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#30
 2-Butanone
 Concen: 450.646 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Tgt Ion:	43	Resp:	2160649
Ion Ratio	Lower	Upper	
43	100		
57	7.8	6.2	9.2
72	25.9	20.3	30.5





#31

2,2-Dichloropropane

Concen: 88.798 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 77 Resp: 699967

Ion Ratio Lower Upper

77 100

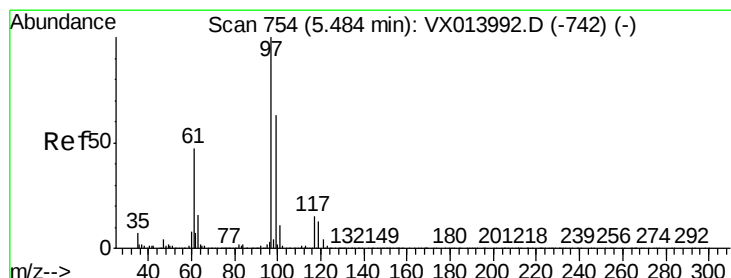
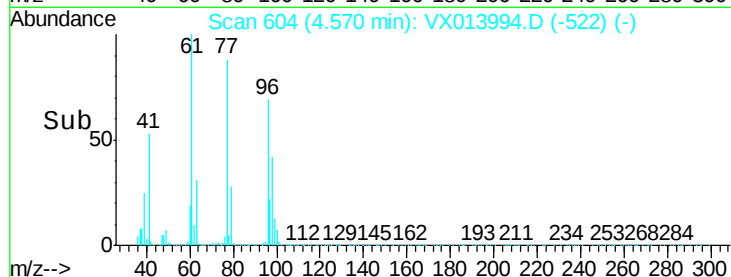
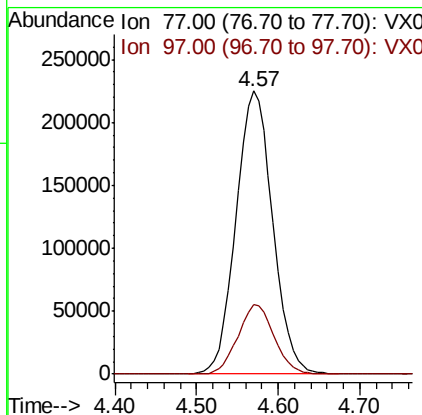
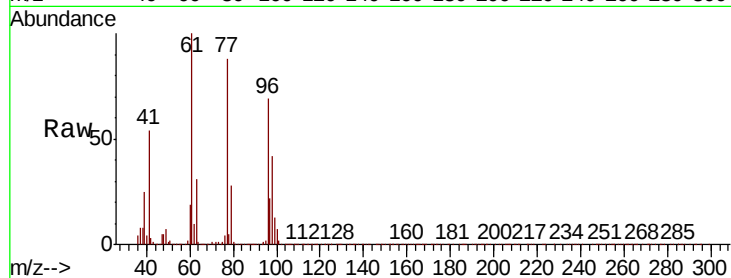
97 24.4 19.7 29.5

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#32

1,1,1-Trichloroethane

Concen: 99.809 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

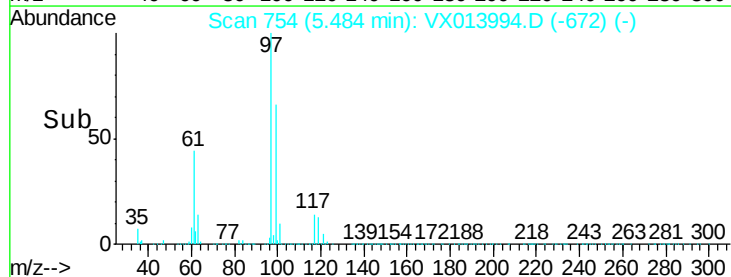
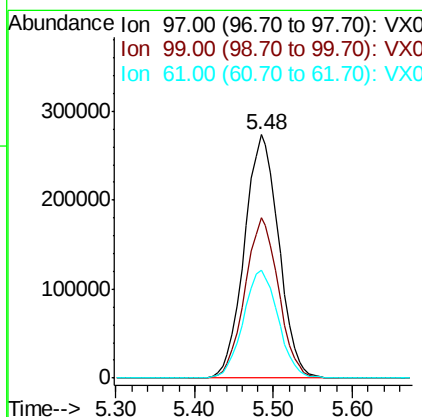
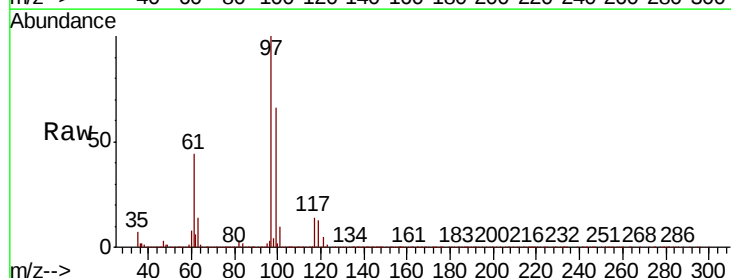
Tgt Ion: 97 Resp: 828315

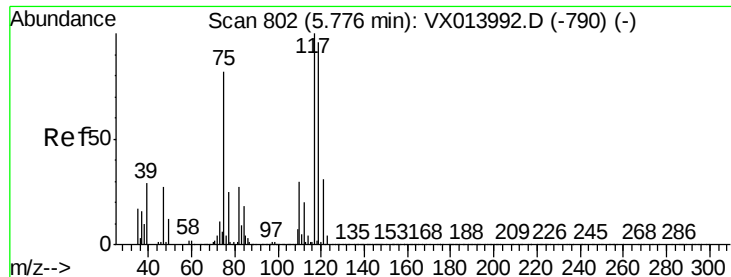
Ion Ratio Lower Upper

97 100

99 64.4 51.9 77.9

61 44.7 36.8 55.2





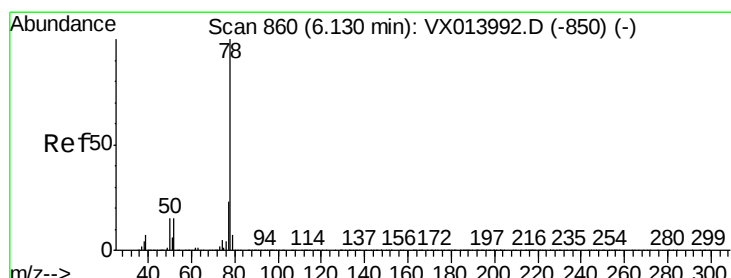
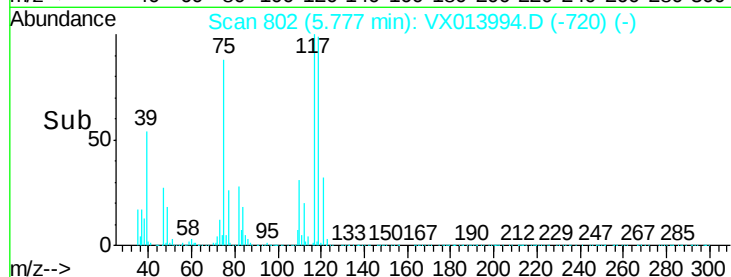
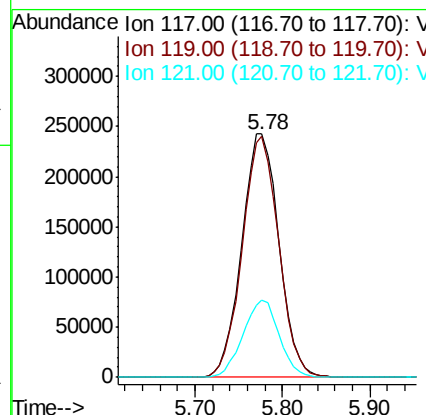
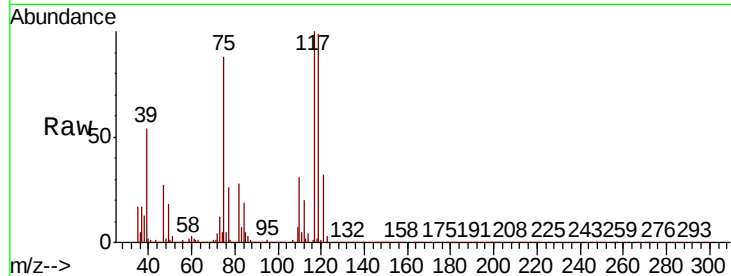
#33
Carbon Tetrachloride
Concen: 99.812 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.2	115.8
121	31.8	24.8	37.2

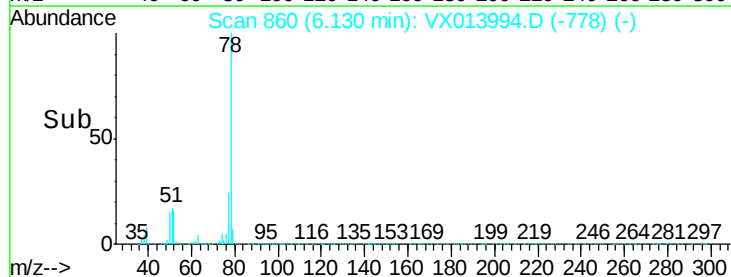
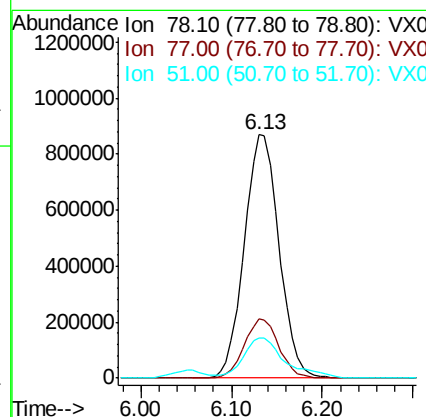
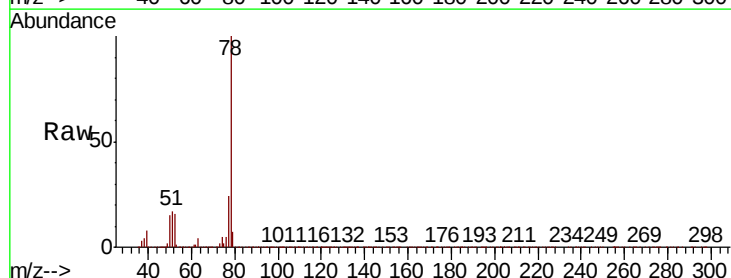
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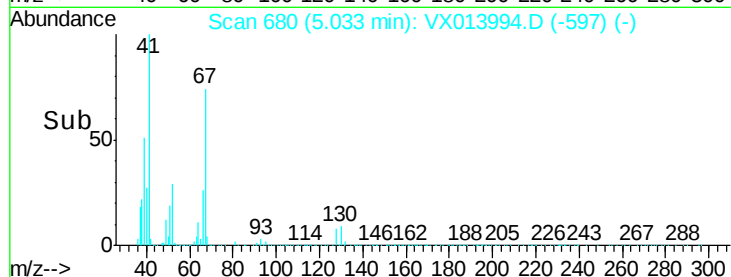
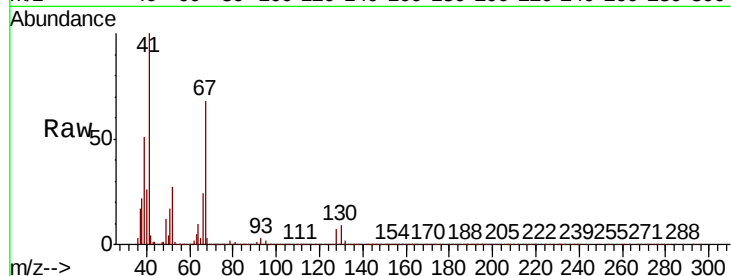
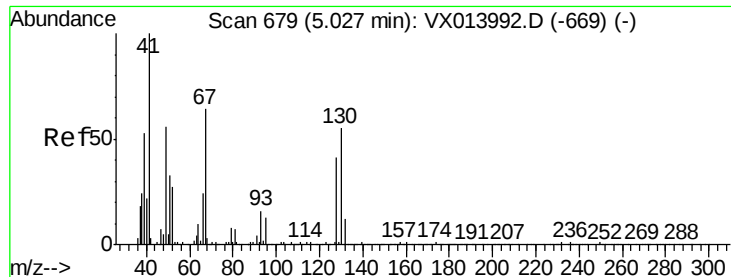
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#34
Benzene
Concen: 100.770 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

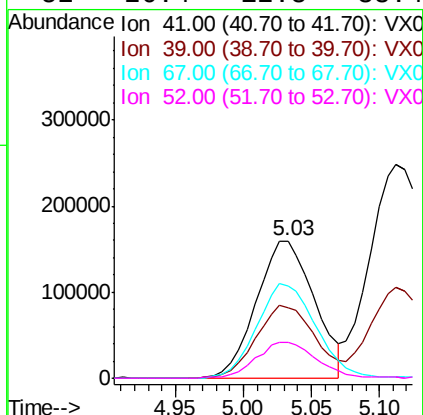
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.2	27.2
51	16.3	12.4	18.6





#35
Methacrylonitrile
Concen: 96.383 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

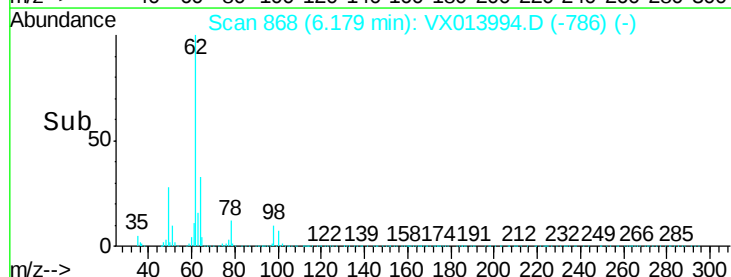
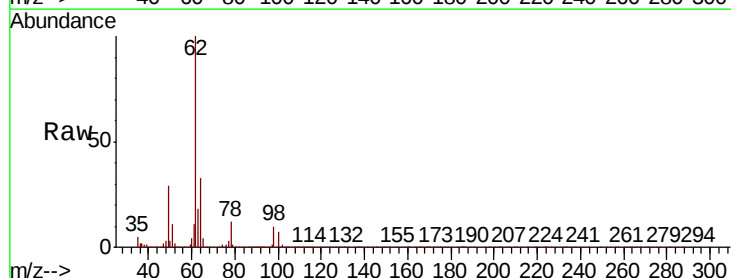
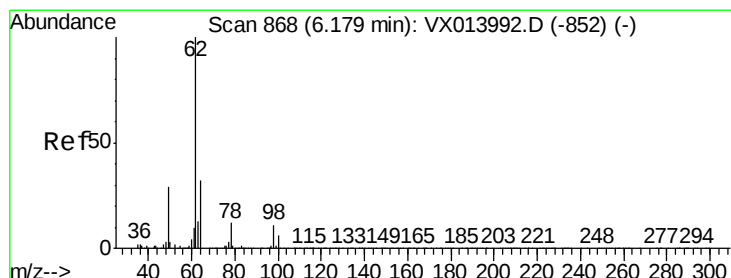
Tot Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	51.0	26.7	80.1
67	67	67.7	31.5	94.5
52	52	26.4	12.8	38.4



Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

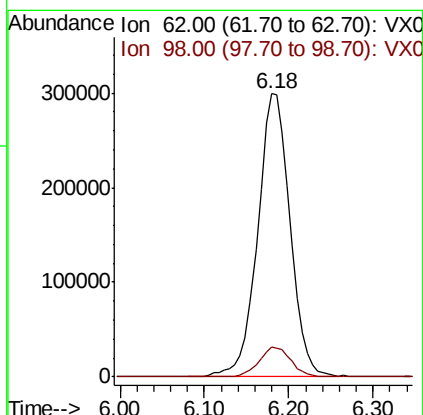
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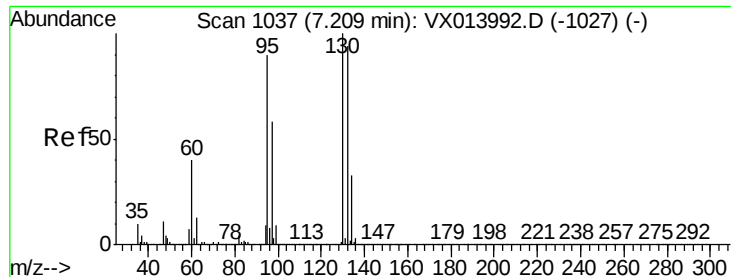
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#36
1,2-Dichloroethane
Concen: 99.326 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

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





#37

Trichloroethene

Concen: 101.839 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:130 Resp: 626111

Ion Ratio Lower Upper

130 100

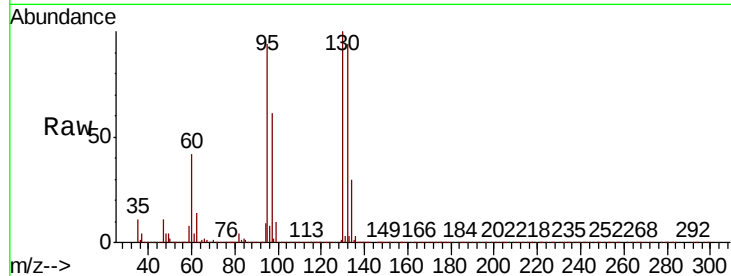
95 93.6 71.7 107.5

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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

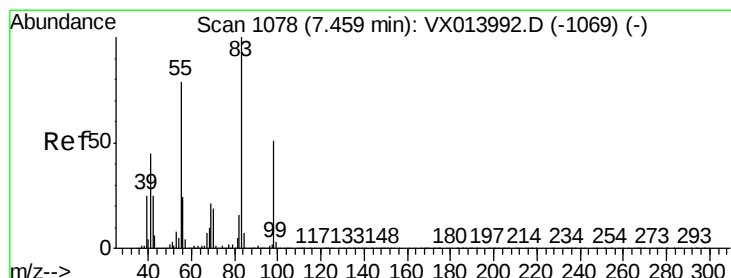
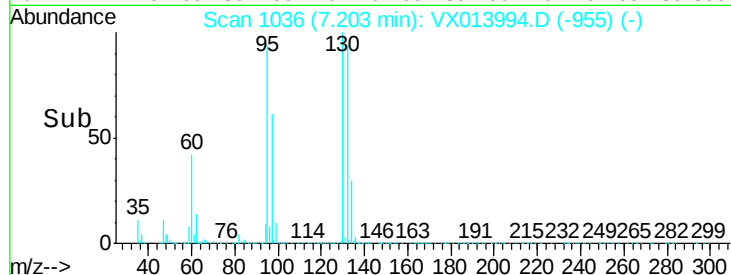
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 99.657 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

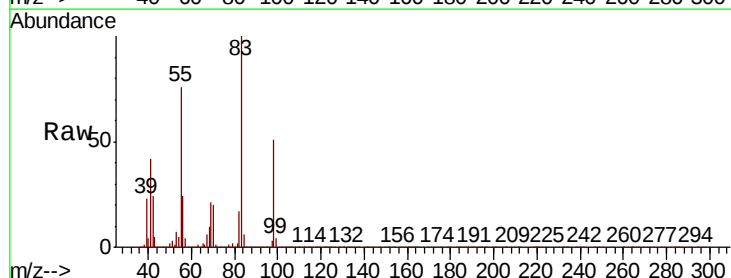
Tgt Ion: 83 Resp: 911244

Ion Ratio Lower Upper

83 100

55 76.7 39.4 118.1

98 49.7 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

7.46

500000

400000

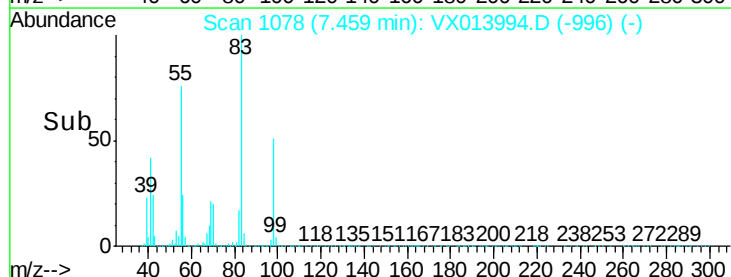
300000

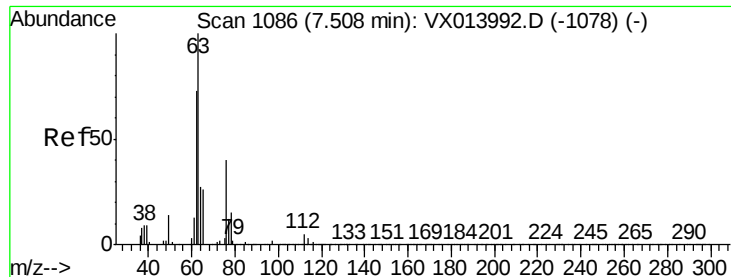
200000

100000

0

Time-->





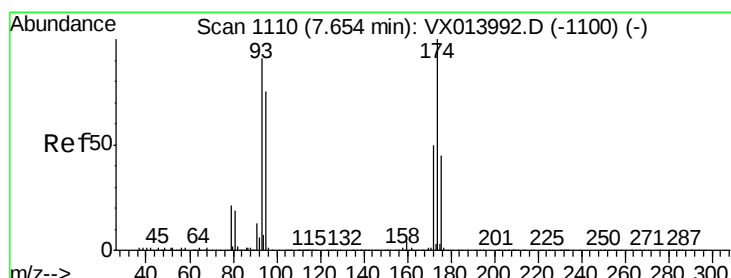
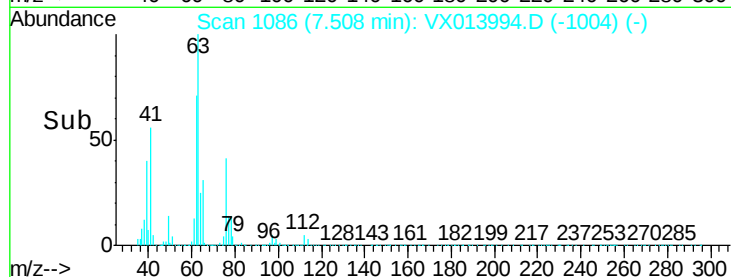
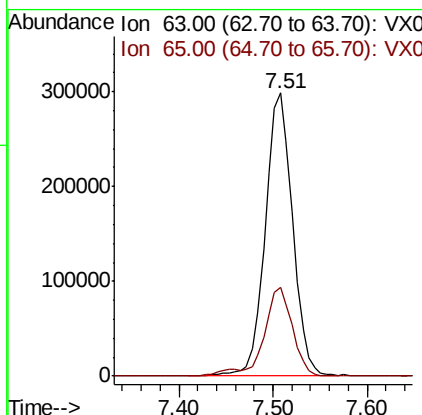
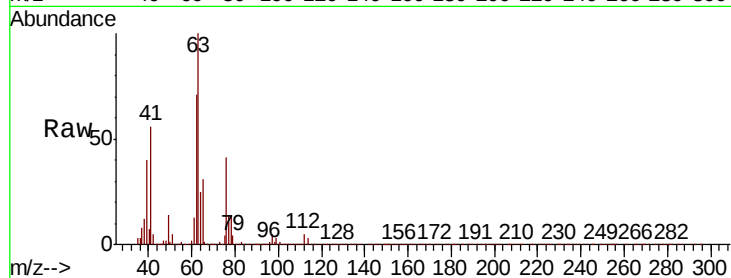
#39
 1,2-Dichloropropane
 Concen: 102.268 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.1	33.1

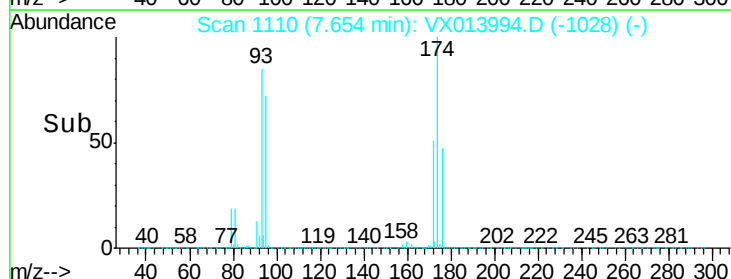
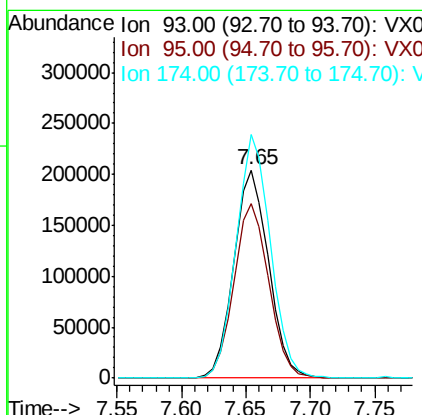
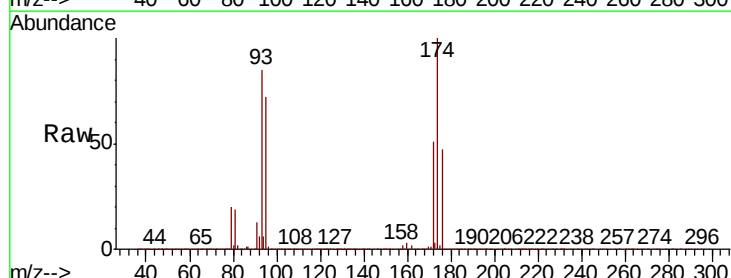
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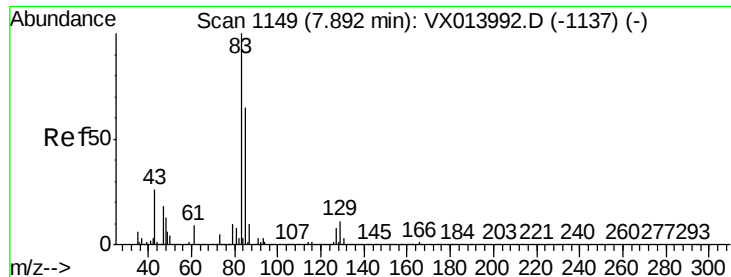
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#40
 Dibromomethane
 Concen: 98.045 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.2	0.0	164.4
174	115.5	0.0	228.8





#41

Bromodichloromethane

Concen: 102.678 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

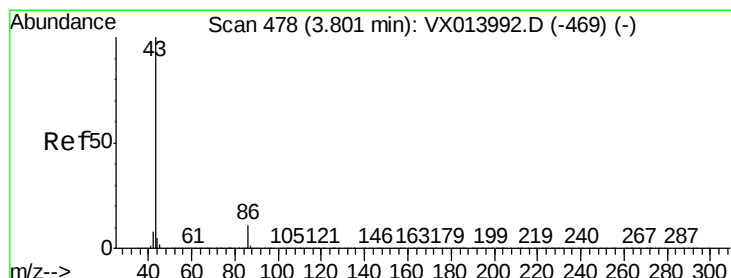
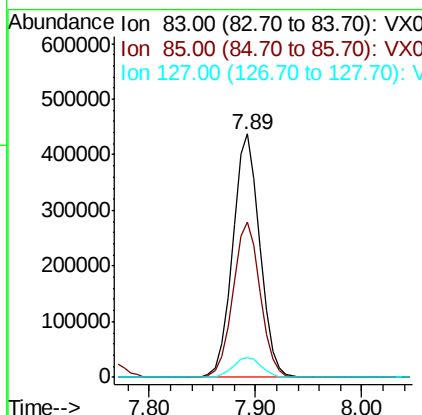
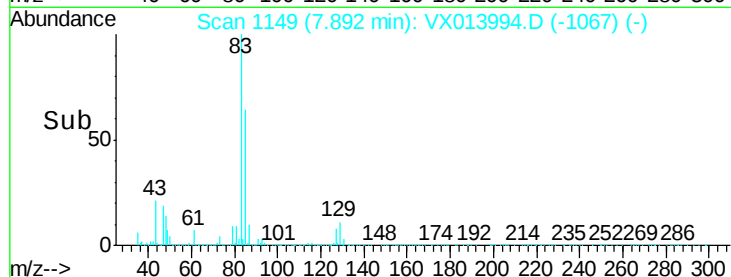
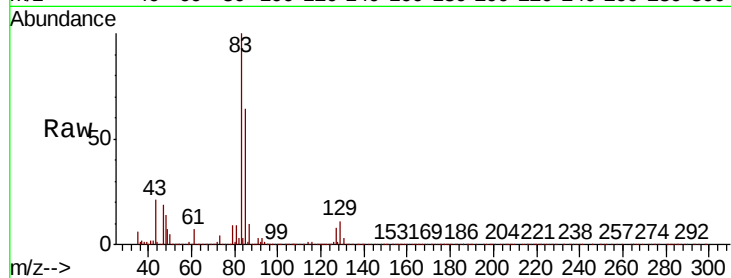
ClientSampleId :

VSTDICC100

Tot Ion:	83	Resp:	777219
Ion Ratio	Lower	Upper	
83	100		
85	63.9	51.6	77.4
127	8.2	6.0	9.0

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#42

Vinyl Acetate

Concen: 508.826 ug/l

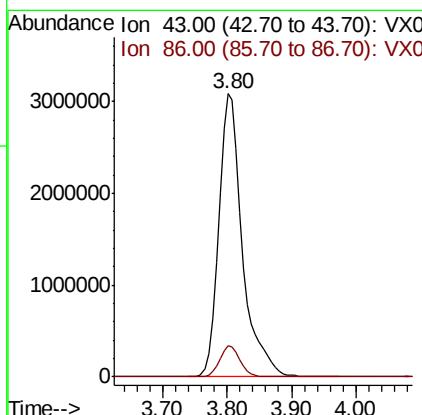
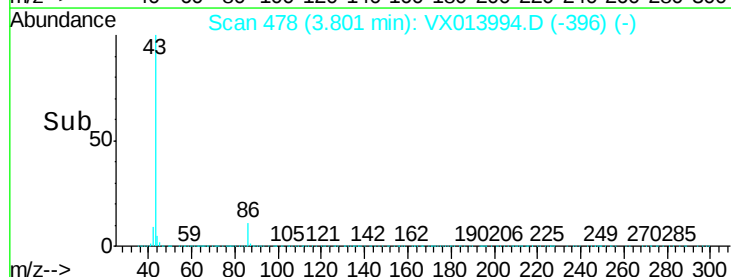
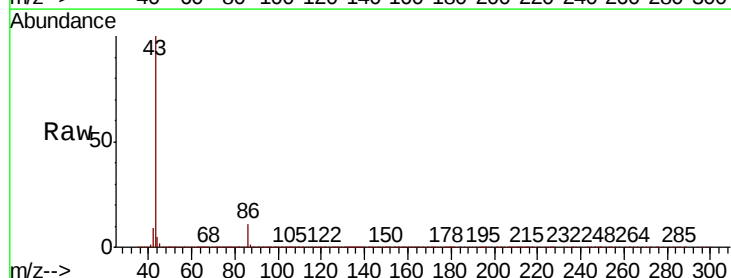
RT: 3.80 min Scan# 478

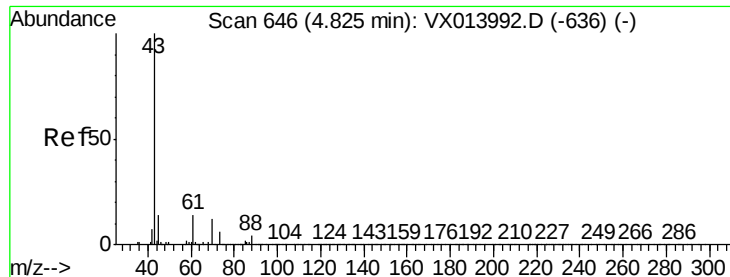
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	43	Resp:	7948961
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.7	11.5





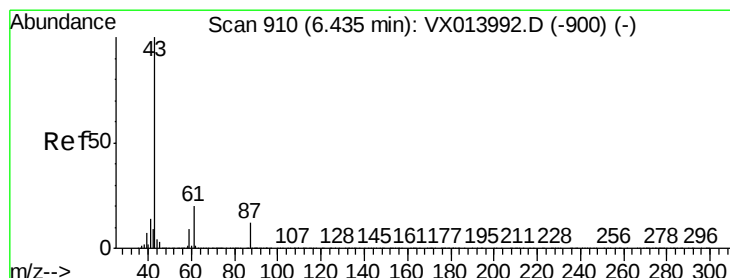
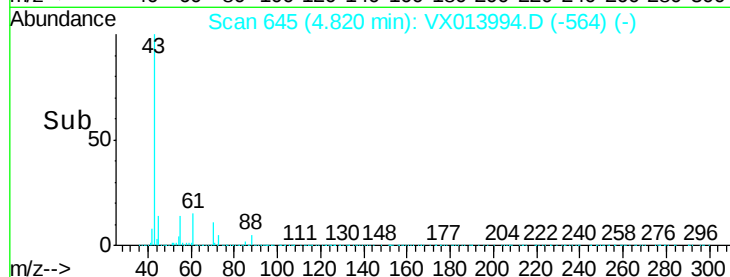
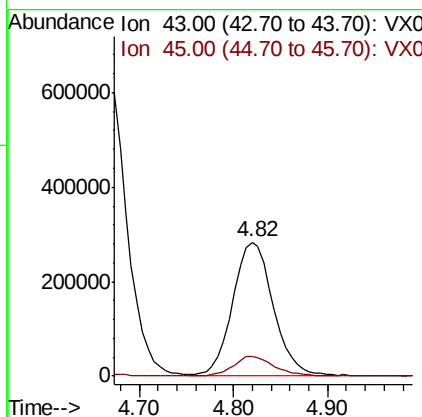
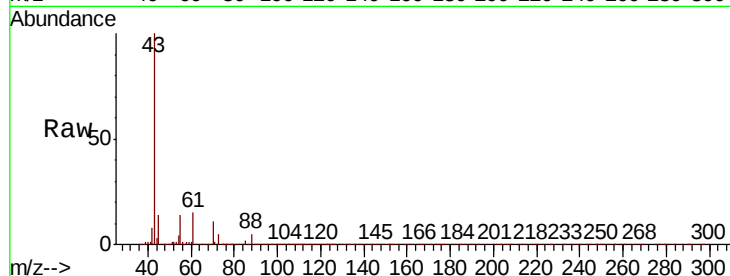
#43
Ethyl Acetate
Concen: 95.321 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.6	11.8	17.8

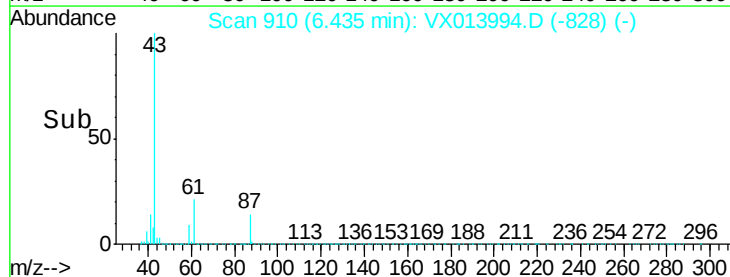
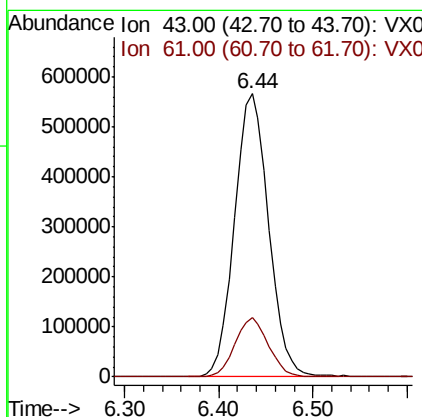
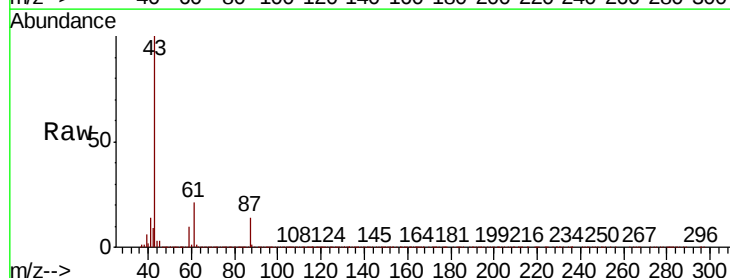
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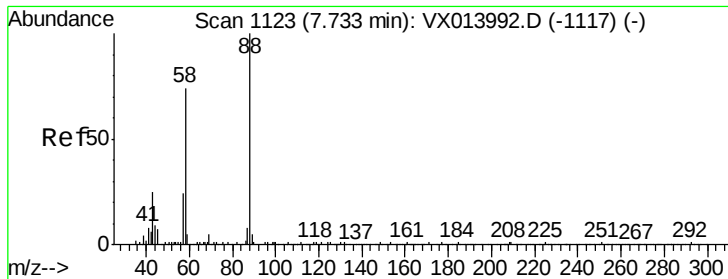
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#44
Isopropyl Acetate
Concen: 98.565 ug/l
RT: 6.44 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.3	15.9	23.9





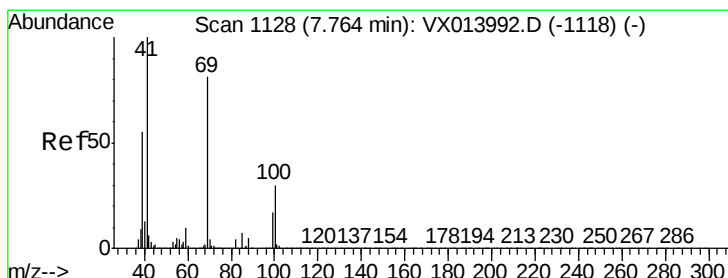
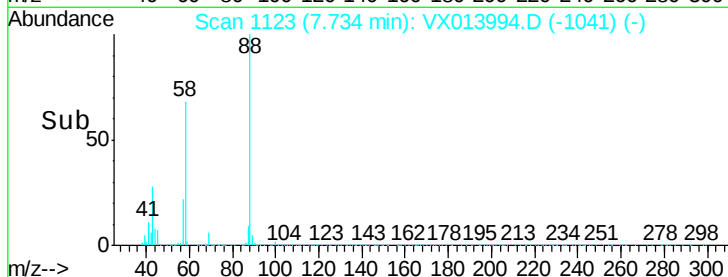
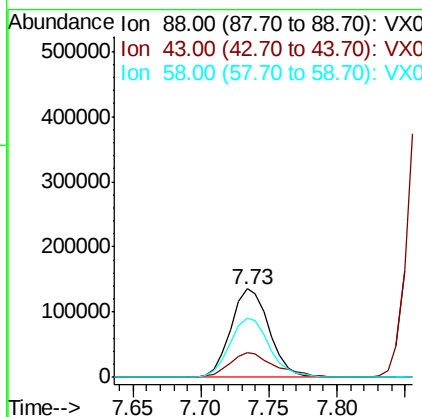
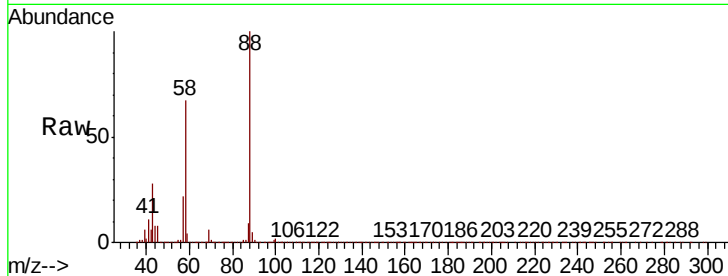
#45
1,4-Dioxane
Concen: 1695.576 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	88	Resp:	265953
Ion	Ratio	Lower	Upper
88	100		
43	32.5	25.4	38.2
58	68.8	56.5	84.7

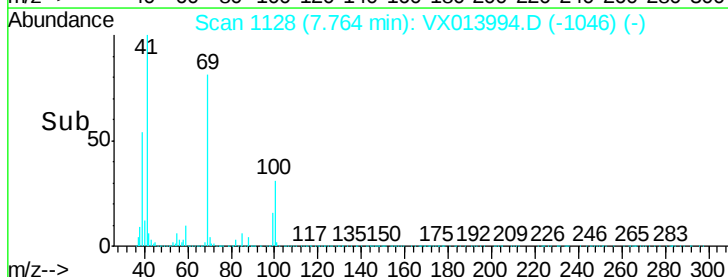
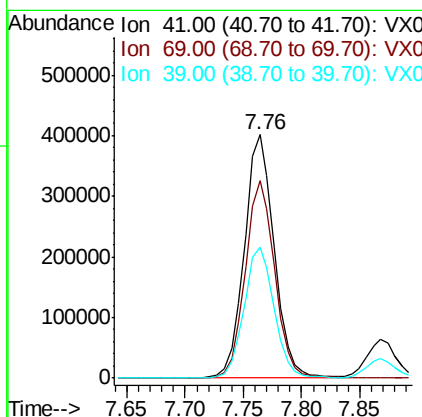
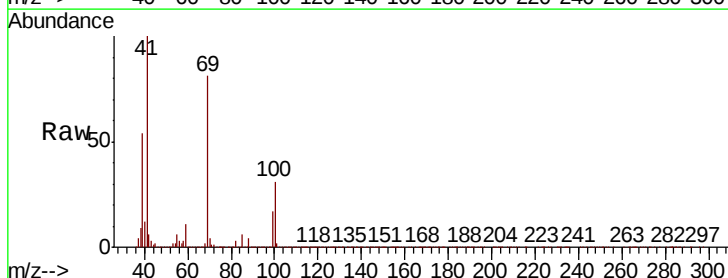
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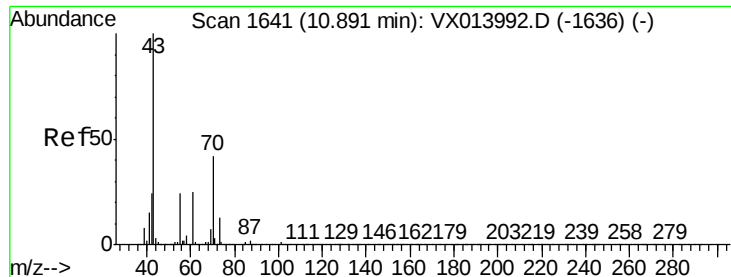
apatel
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#46
Methyl methacrylate
Concen: 99.768 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion:	41	Resp:	715759
Ion	Ratio	Lower	Upper
41	100		
69	81.3	40.6	122.0
39	54.0	27.8	83.3





#47

n-amvl Acetate

Concen: 105.690 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 43 Resp: 1344292

Ion Ratio Lower Upper

43 100

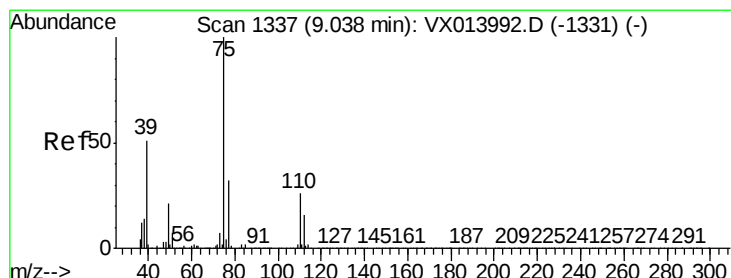
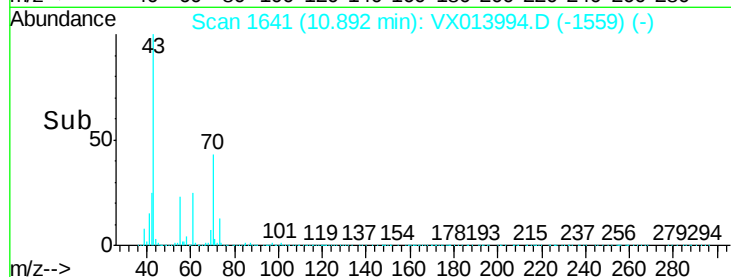
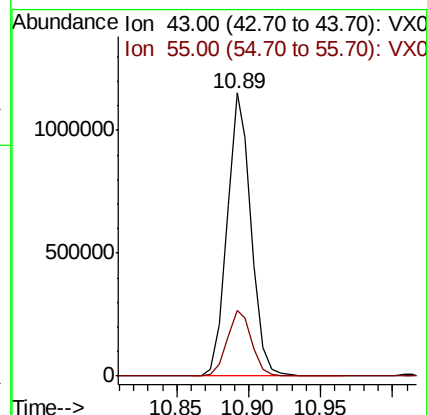
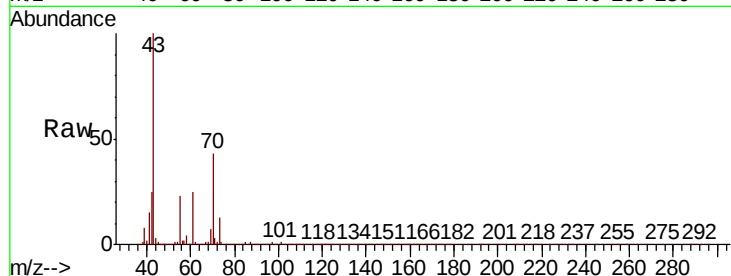
55 23.7 19.4 29.2

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#48

t-1,3-Dichloropropene

Concen: 103.997 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013994.D

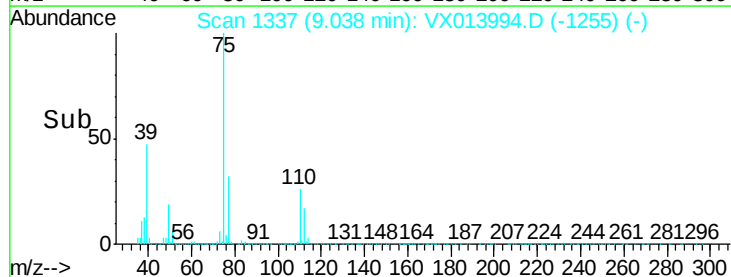
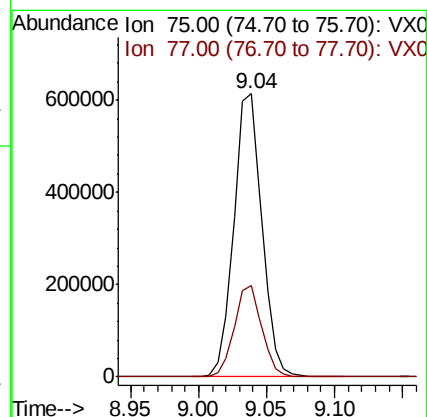
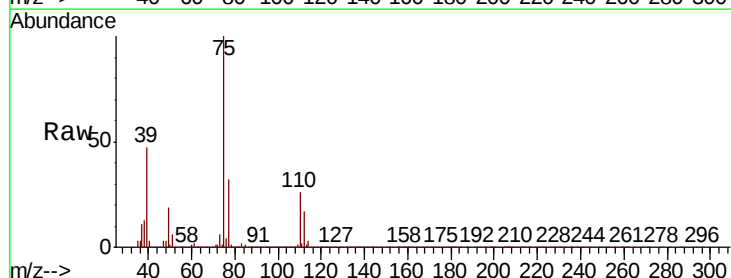
Acq: 13 Dec 2019 00:07

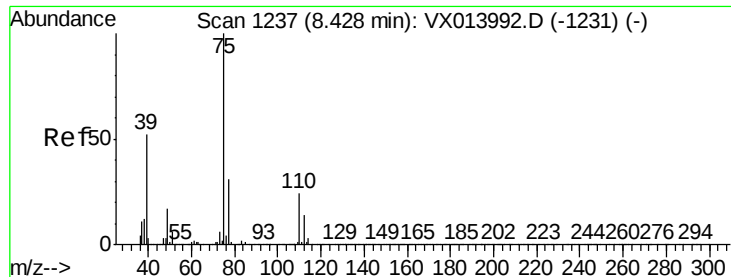
Tgt Ion: 75 Resp: 880589

Ion Ratio Lower Upper

75 100

77 32.3 26.0 39.0





#49

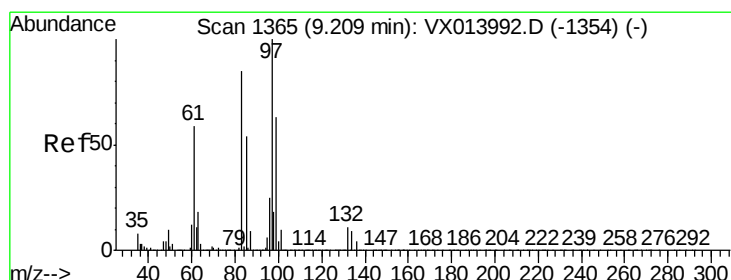
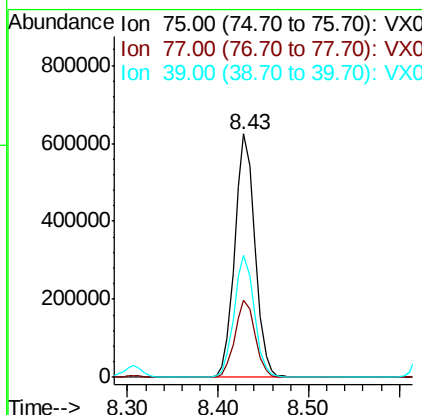
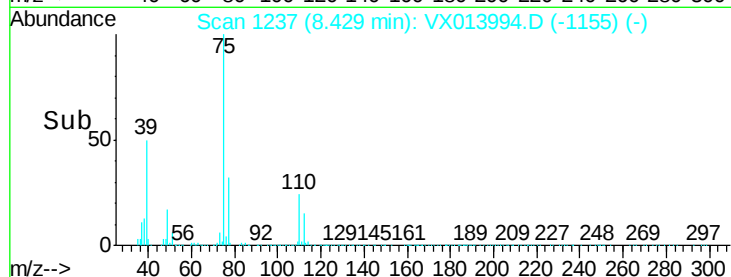
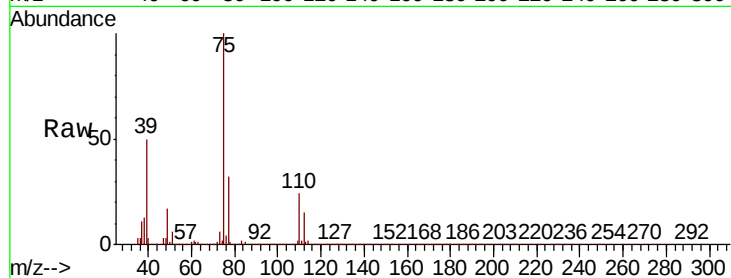
cis-1,3-Dichloropropene
Concen: 103.655 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:	75	Resp:	965264
Ion Ratio	Lower	Upper	
75	100		
77	31.7	24.8	37.2
39	50.0	41.1	61.7

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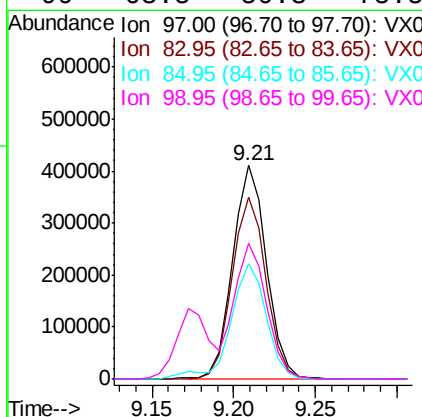
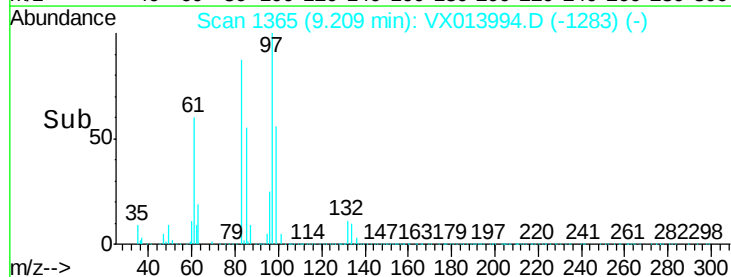
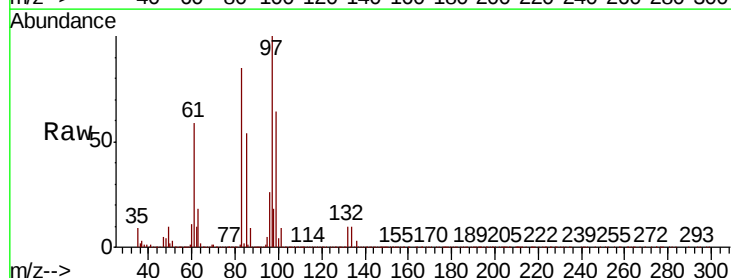
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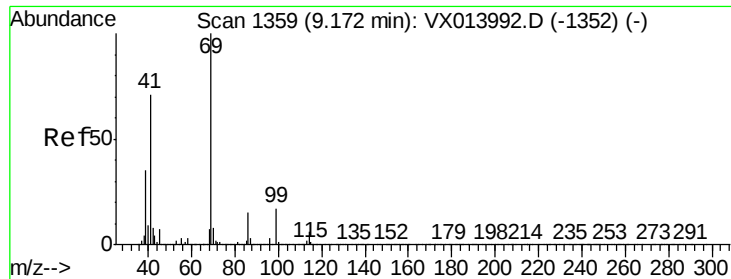


#50

1,1,2-Trichloroethane
Concen: 101.726 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion:	97	Resp:	591529
Ion Ratio	Lower	Upper	
97	100		
83	85.0	68.1	102.1
85	53.9	42.7	64.1
99	63.5	50.3	75.5





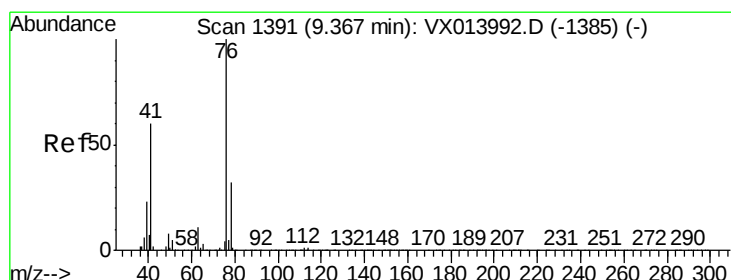
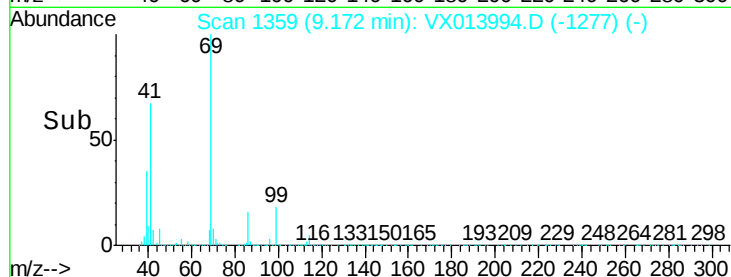
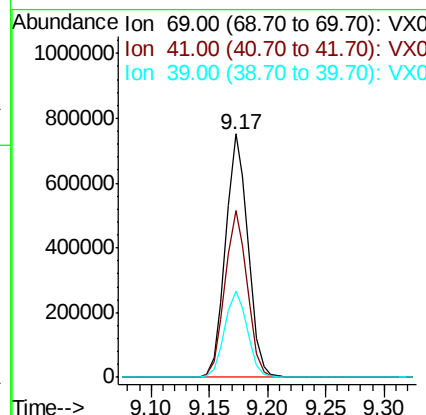
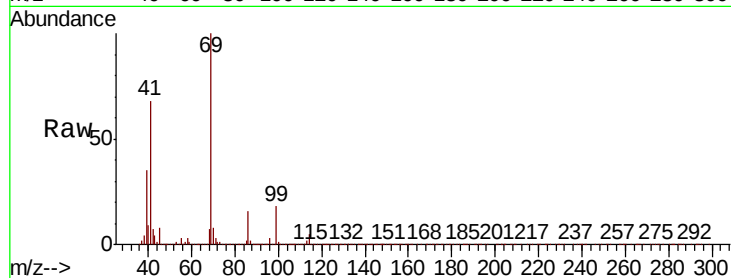
#51
Ethyl methacrylate
Concen: 104.422 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
69	100		
41	68.2	35.4	106.1
39	35.3	17.8	53.3

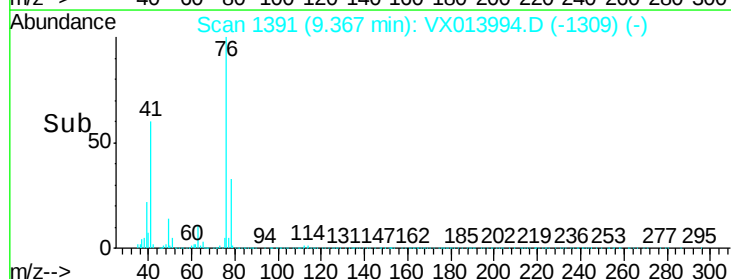
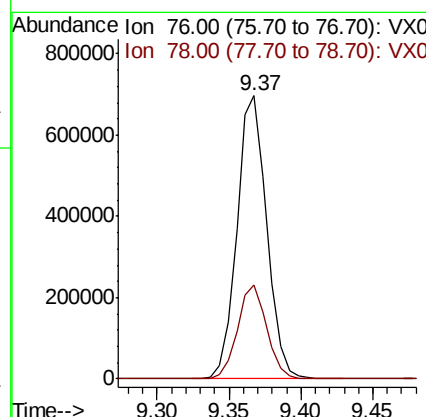
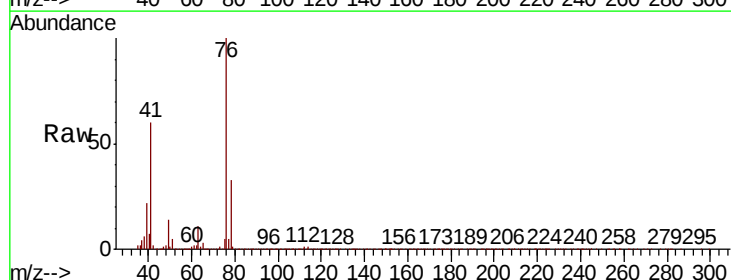
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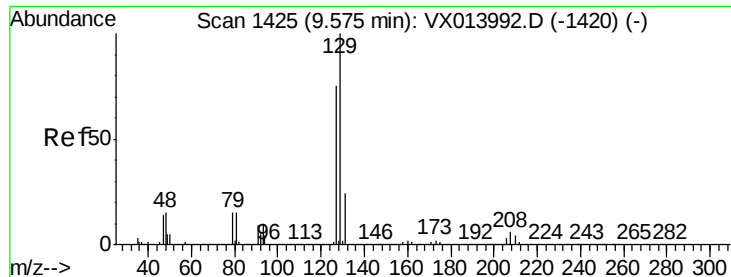
apatel
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#52
1,3-Dichloropropane
Concen: 100.759 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	63.4





#53

Dibromochloromethane

Concen: 104.896 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:129 Resp: 639157

Ion Ratio Lower Upper

129 100

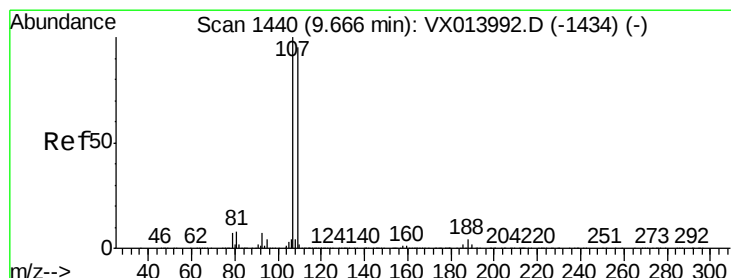
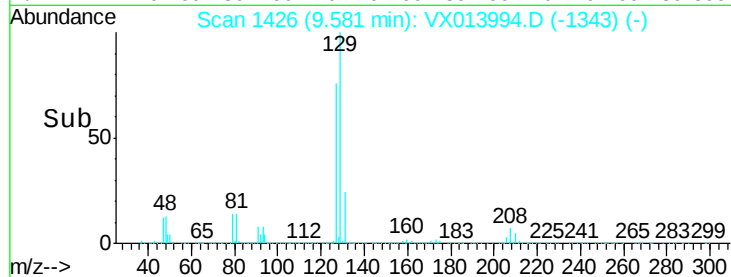
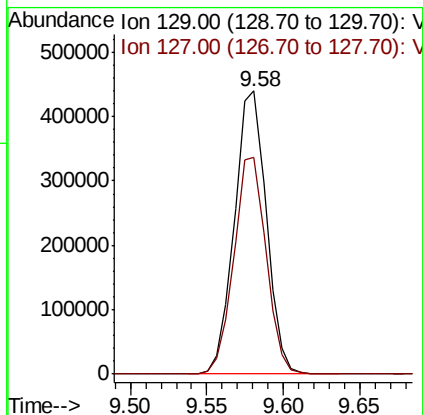
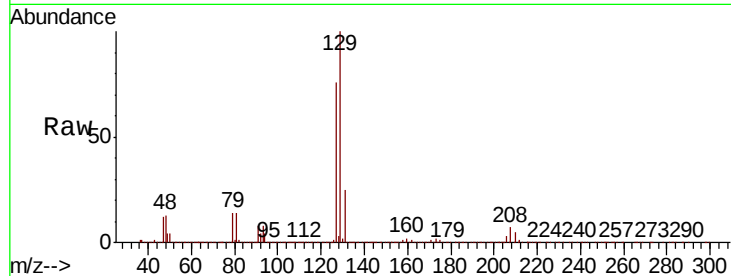
127 76.9 39.1 117.5

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#54

1,2-Dibromoethane

Concen: 100.877 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013994.D

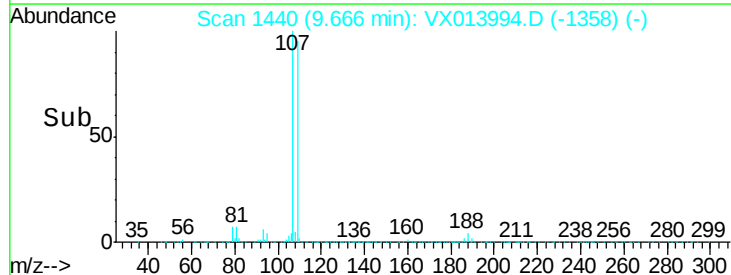
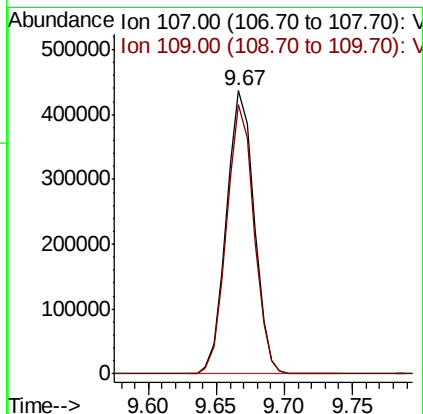
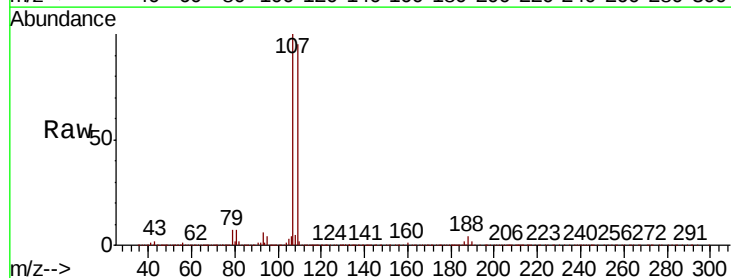
Acq: 13 Dec 2019 00:07

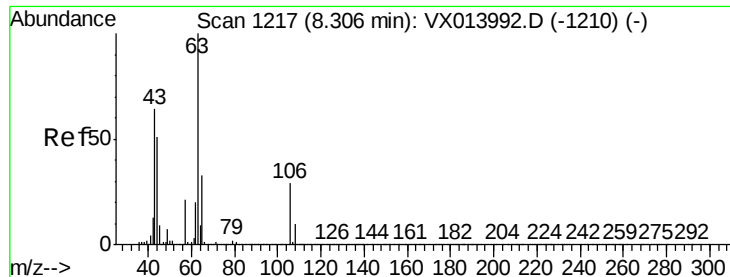
Tgt Ion:107 Resp: 621203

Ion Ratio Lower Upper

107 100

109 93.6 77.2 115.8





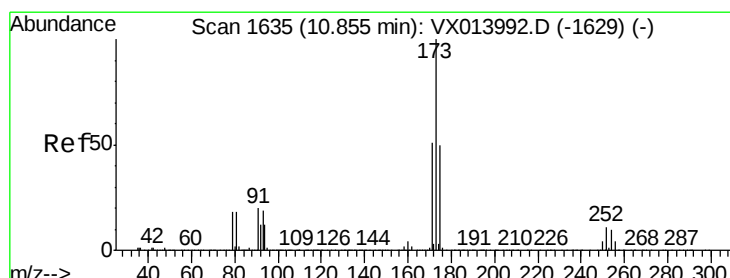
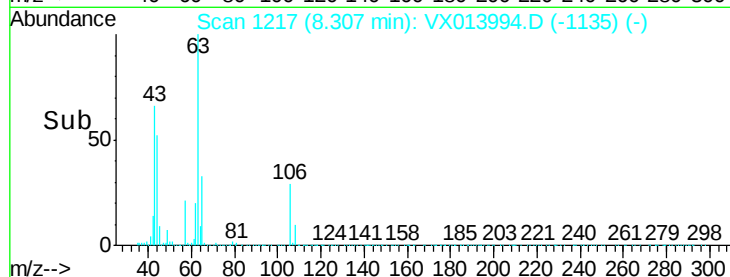
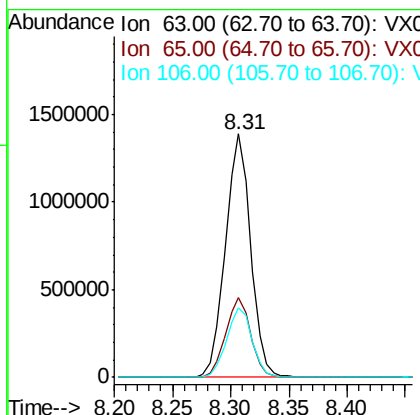
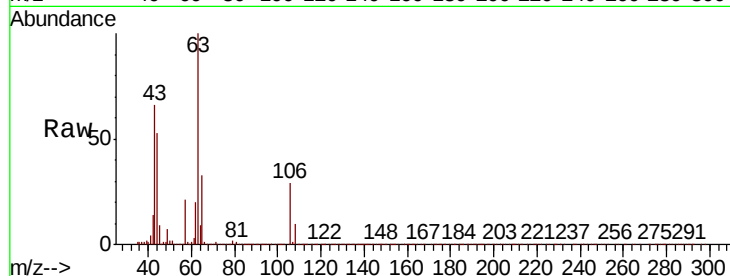
#55
2-Chloroethyl vinyl ether
Concen: 509.071 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.7	25.8	38.6
106	28.9	22.9	34.3

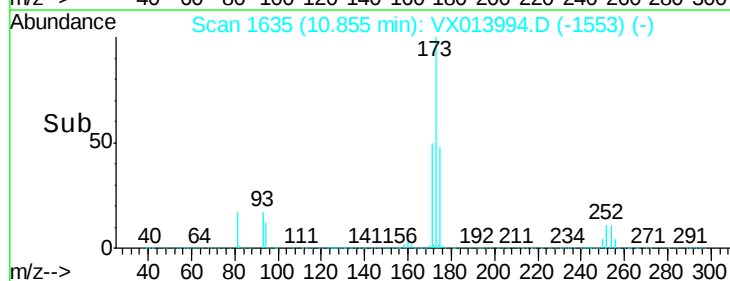
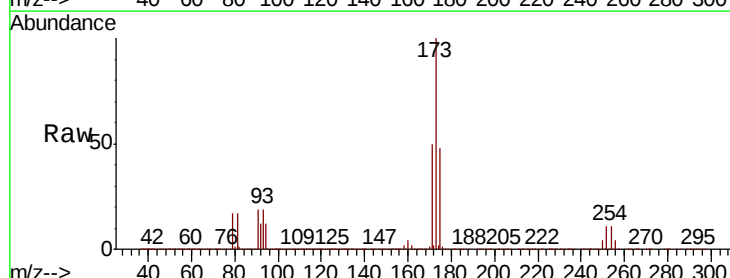
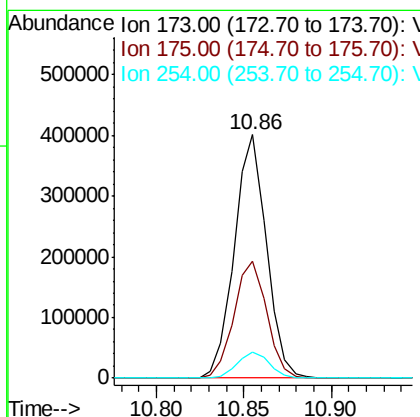
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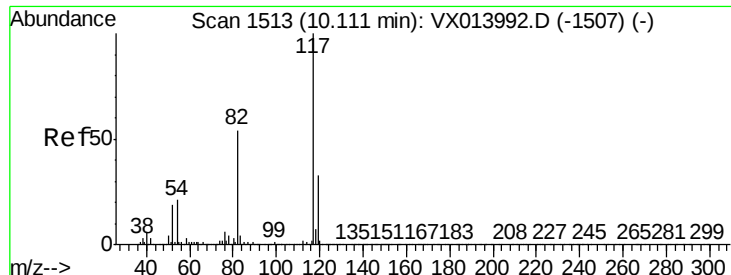
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#56
Bromoform
Concen: 105.844 ug/l
RT: 10.86 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.1	39.5	59.3
254	10.9	8.2	12.4





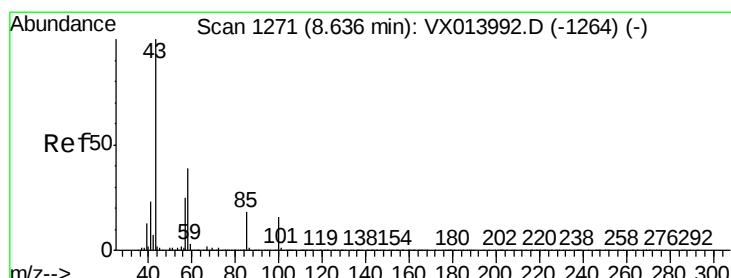
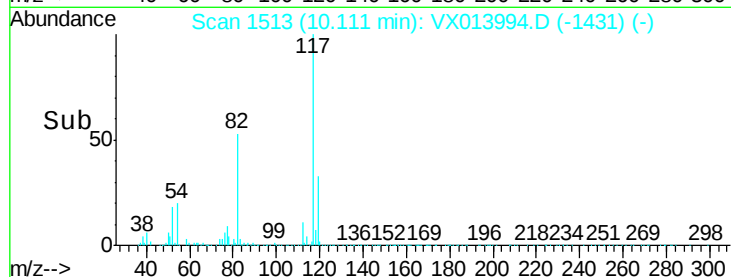
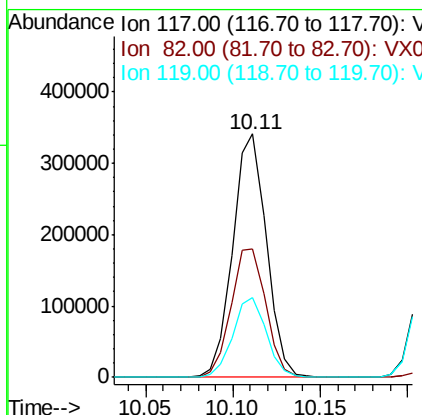
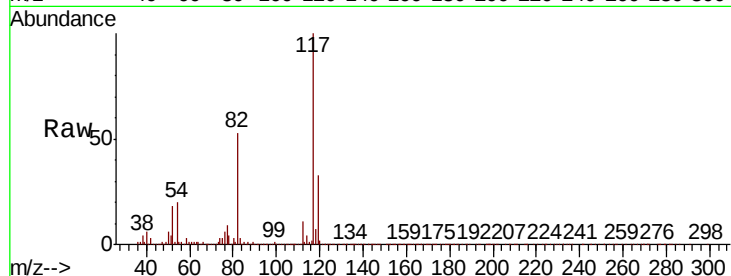
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.8	65.6
119	32.5	25.8	38.6

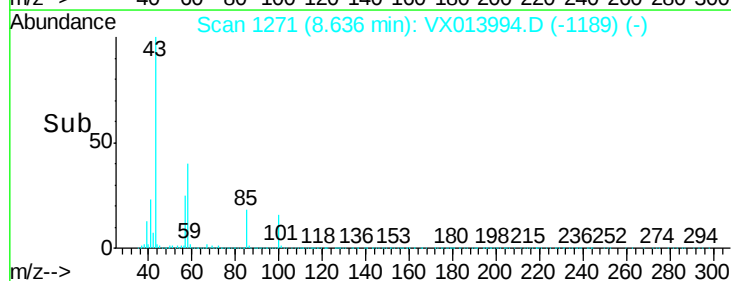
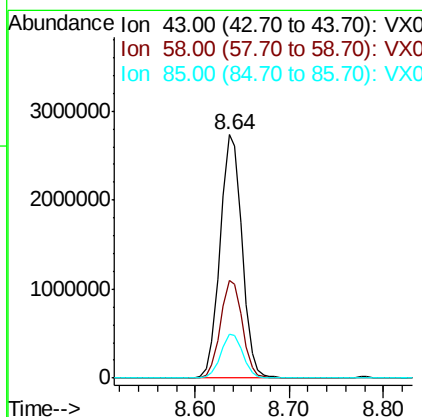
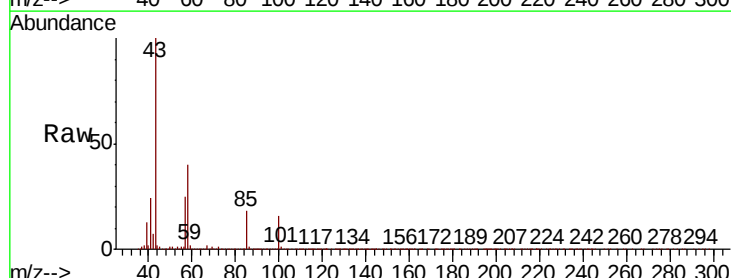
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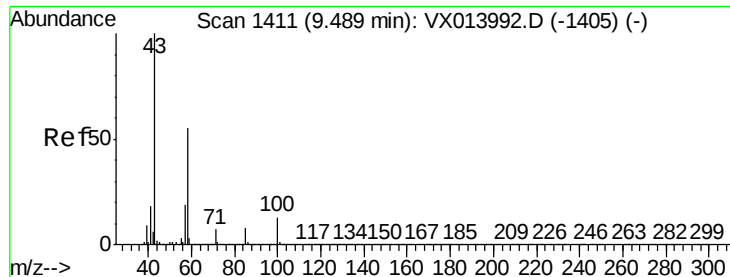
apatel
12/13/2019 11:25:48 AM



#58
4-Methyl-2-Pentanone
Concen: 470.064 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.2	31.2	46.8
85	17.9	14.2	21.2





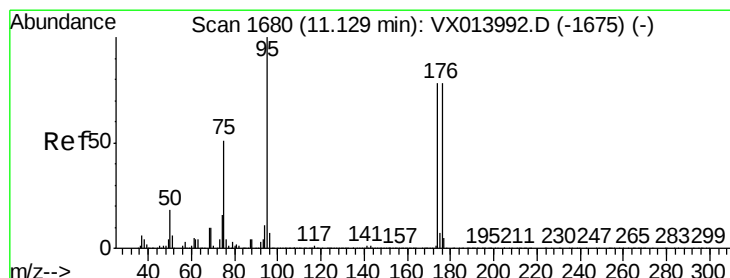
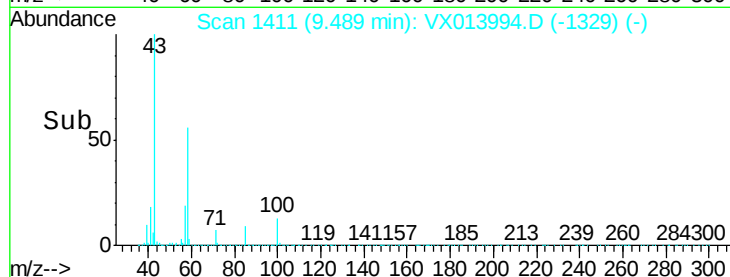
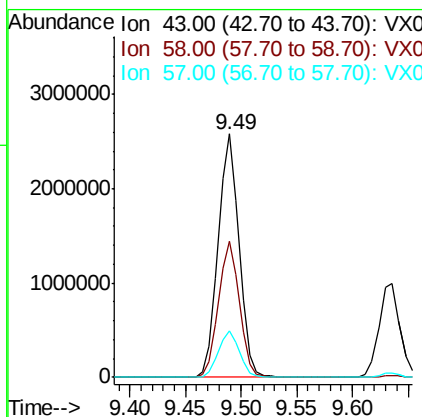
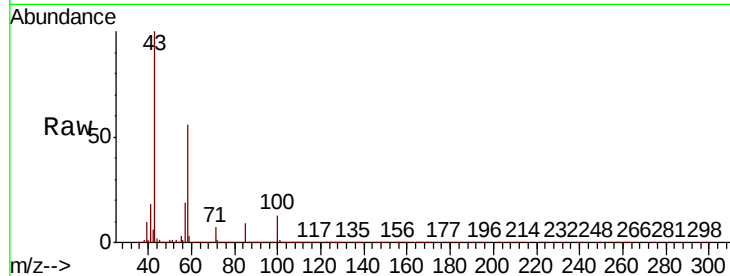
#59
2-Hexanone
Concen: 458.836 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.8	43.8	65.6
57	19.1	15.4	23.0

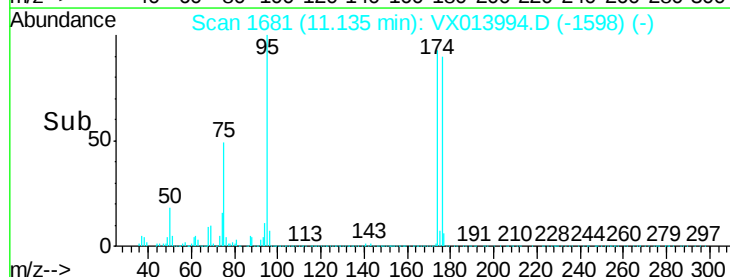
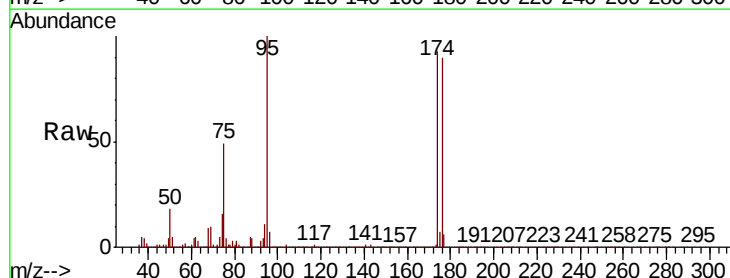
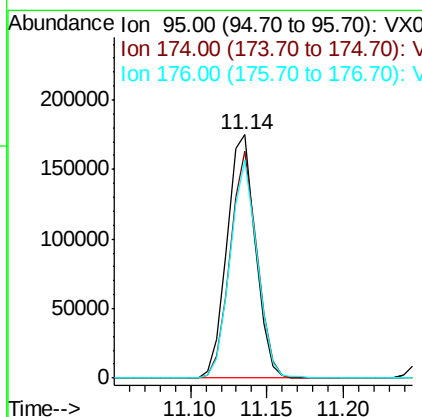
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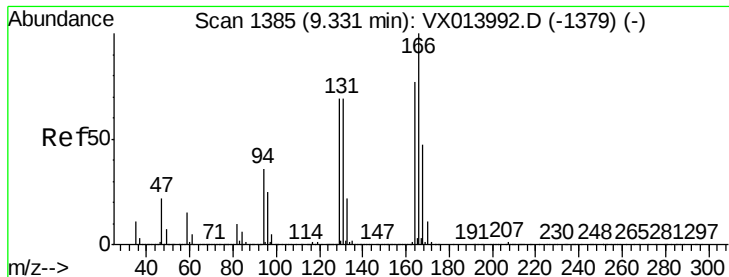
apatel
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#60
4-Bromofluorobenzene
Concen: 30.670 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.2	70.2	105.2
176	85.3	68.3	102.5





#61

Tetrachloroethene

Concen: 103.341 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:164 Resp: 590448

Ion Ratio Lower Upper

164 100

166 128.1 104.2 156.2

129 86.7 71.6 107.4

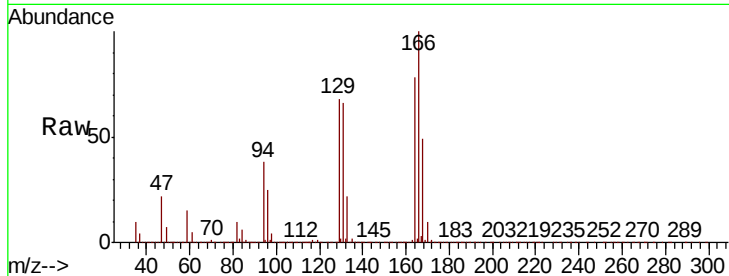
131 84.5 71.7 107.5

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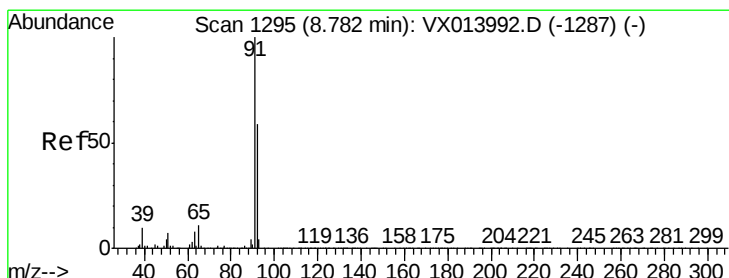
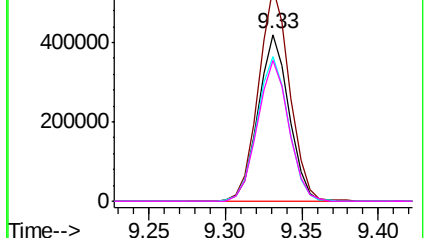
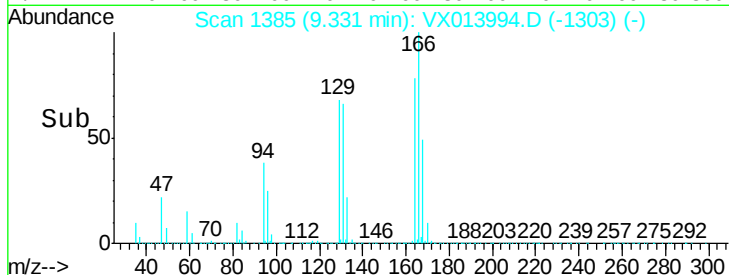


Abundance Ion 163.85 (163.55 to 164.55): V

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: 98.302 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX013994.D

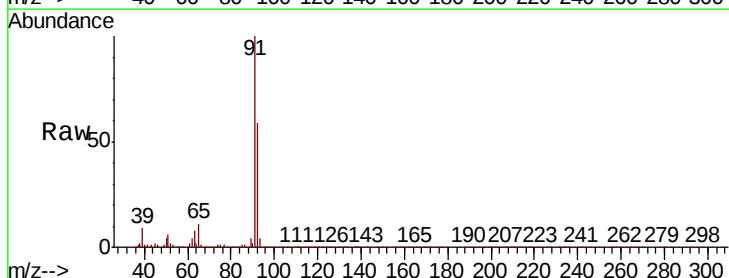
Acq: 13 Dec 2019 00:07

Tgt Ion: 91 Resp: 2486519

Ion Ratio Lower Upper

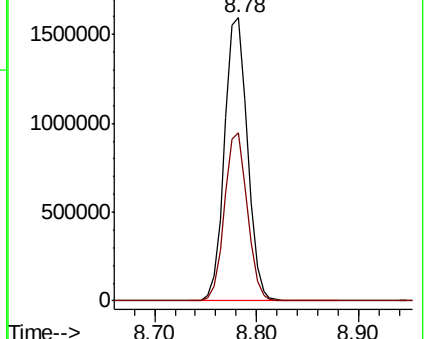
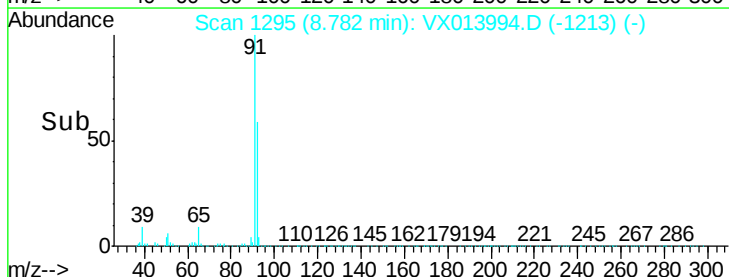
91 100

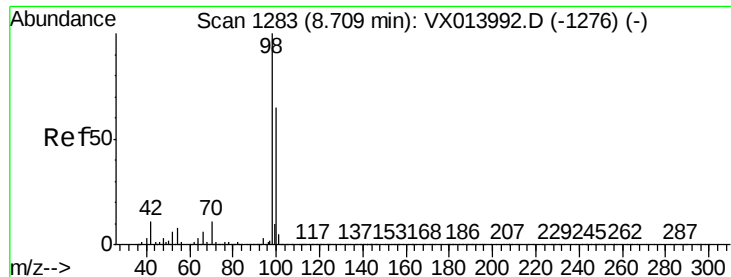
92 58.8 46.4 69.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 28.941 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion: 98 Resp: 597695

Ion Ratio Lower Upper

98 100

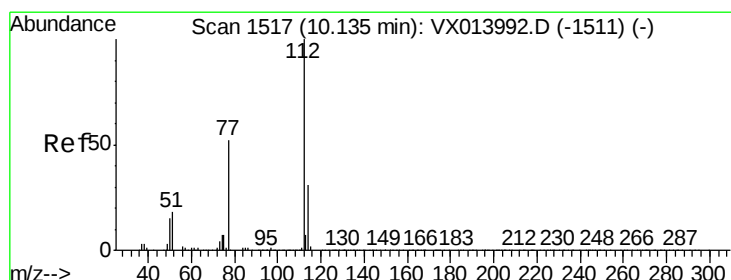
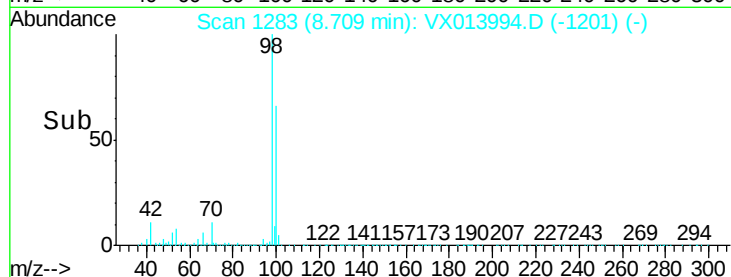
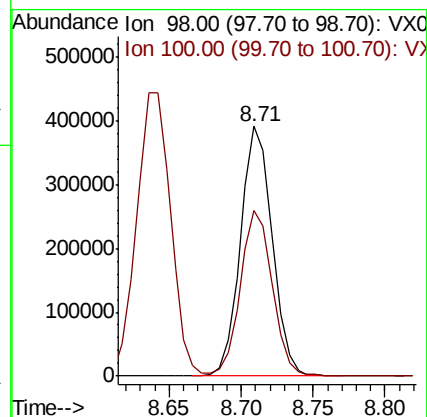
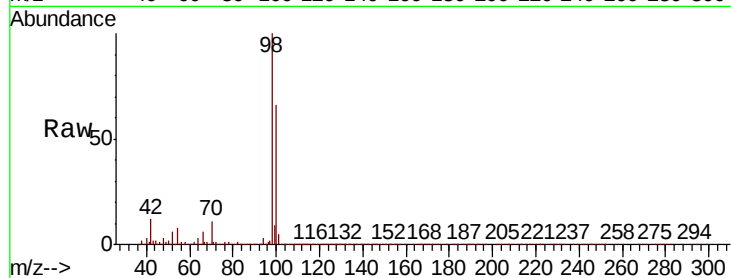
100 66.6 52.2 78.2

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#64

Chlorobenzene

Concen: 98.866 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013994.D

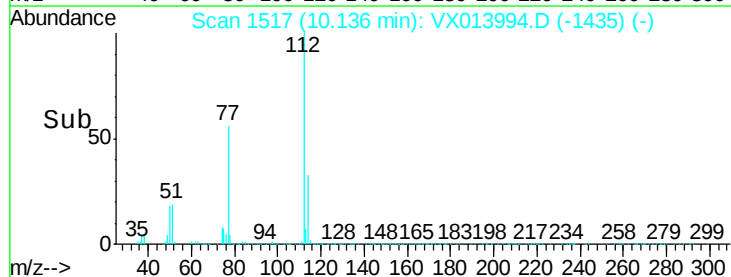
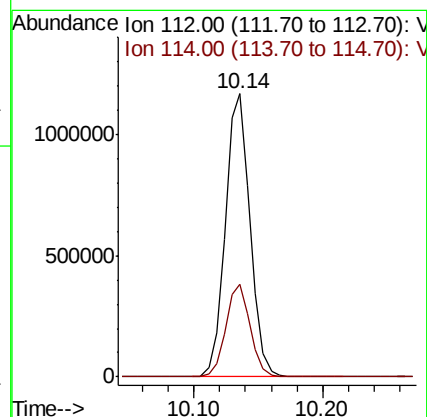
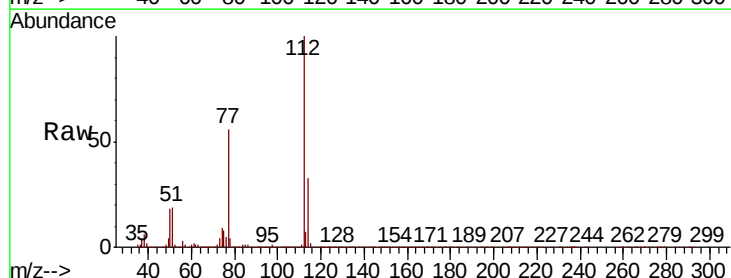
Acq: 13 Dec 2019 00:07

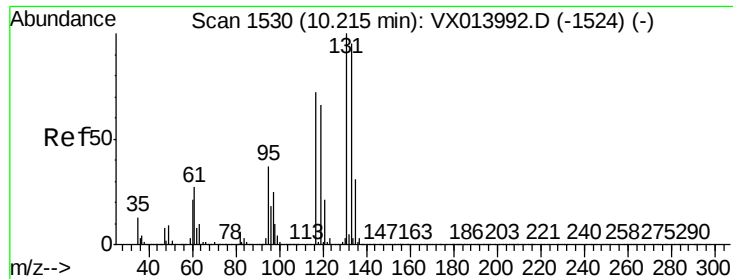
Tgt Ion: 112 Resp: 1571844

Ion Ratio Lower Upper

112 100

114 32.8 24.4 36.6





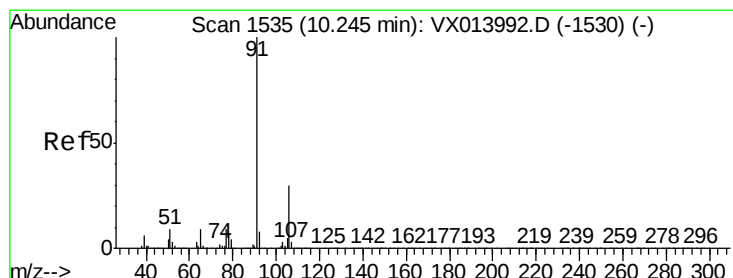
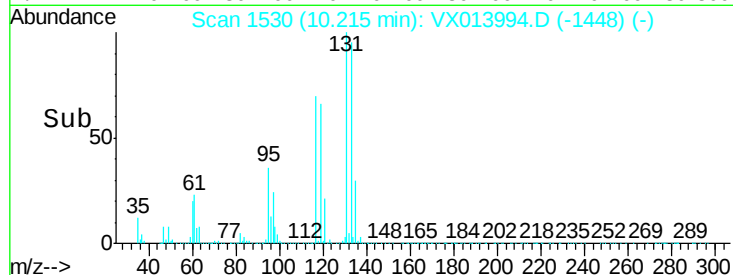
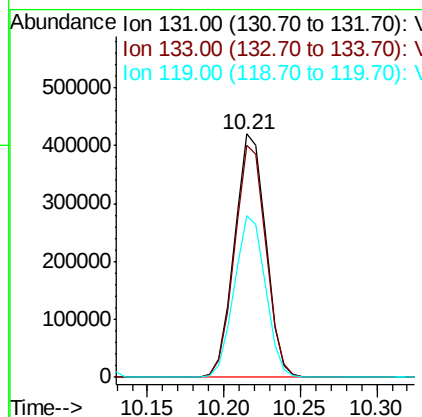
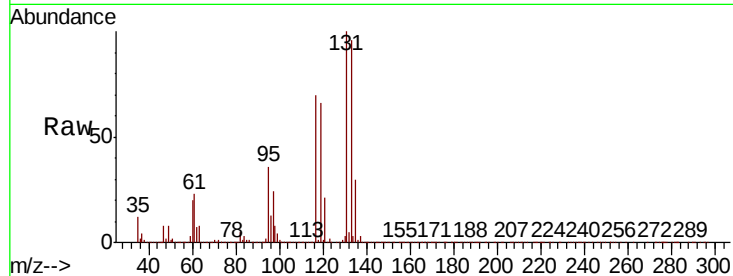
#65
 1,1,1,2-Tetrachloroethane
 Concen: 100.470 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Tot Ion	Ratio	Resp	Lower	Upper
131	100	593594		
133	95.6	0.0	189.8	
119	66.1	0.0	132.2	

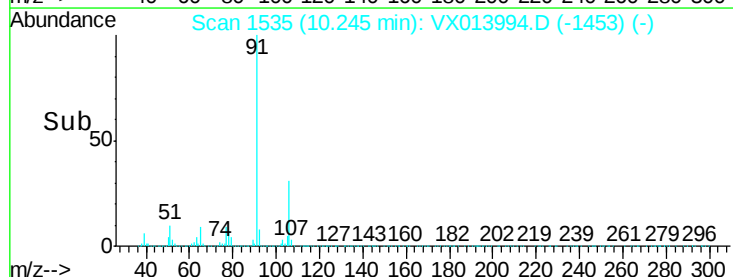
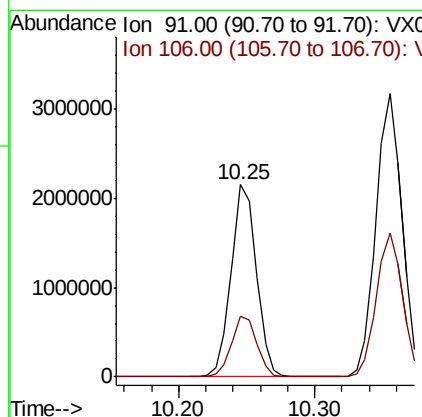
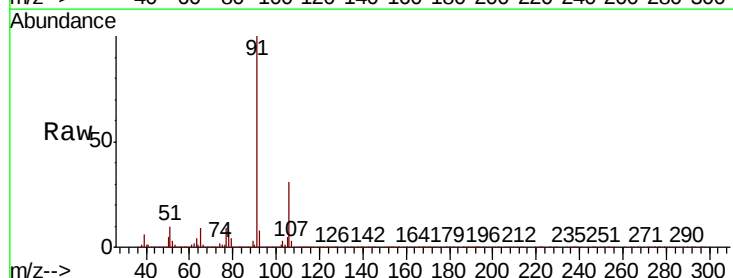
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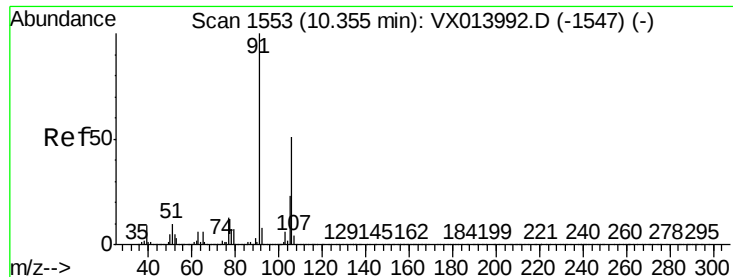
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#66
 Ethyl Benzene
 Concen: 100.636 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013994.D
 Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	2799807		
106	31.3	24.2	36.2	





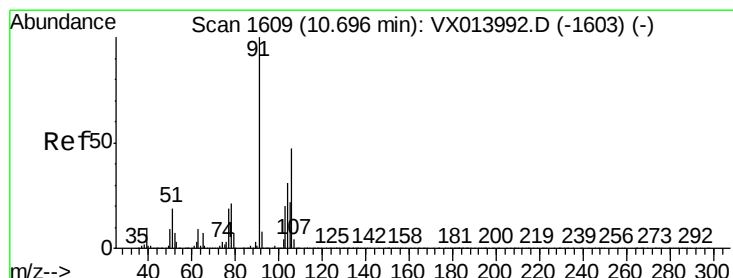
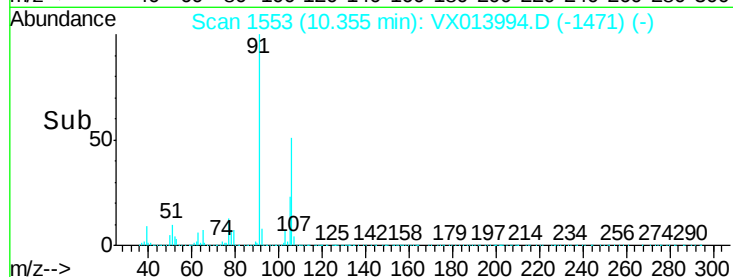
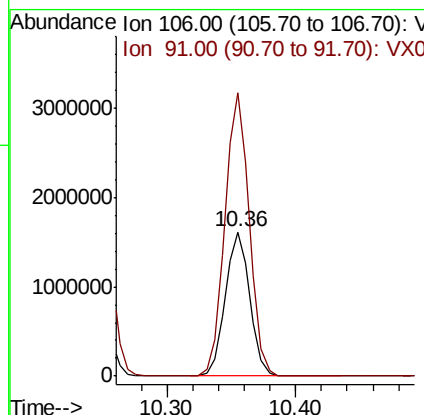
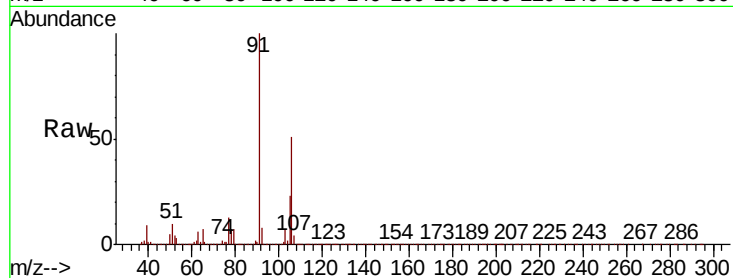
#67
m/p-Xvlenes
Concen: 200.249 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion:106 Resp: 2151051
Ion Ratio Lower Upper
106 100
91 196.3 159.3 238.9

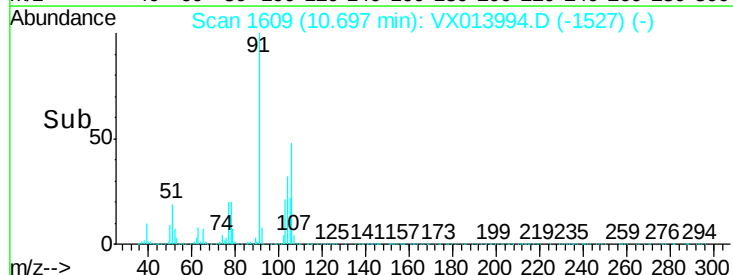
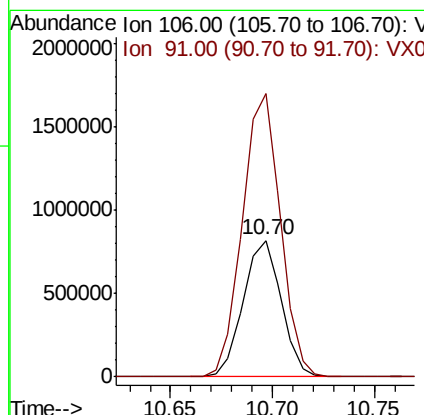
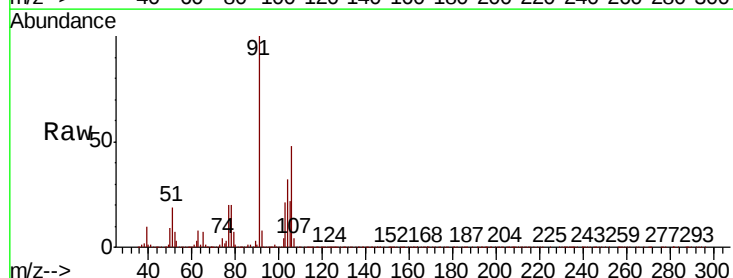
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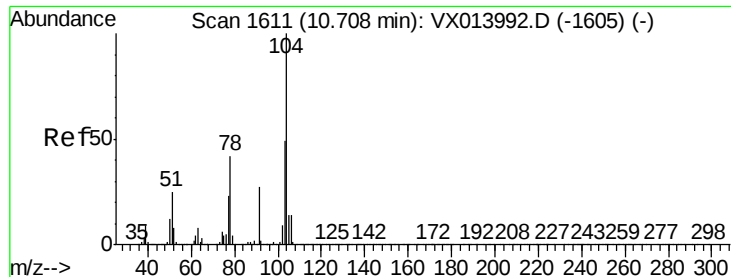
apatel
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#68
o-Xylene
Concen: 101.618 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion:106 Resp: 1058857
Ion Ratio Lower Upper
106 100
91 207.7 104.8 314.6





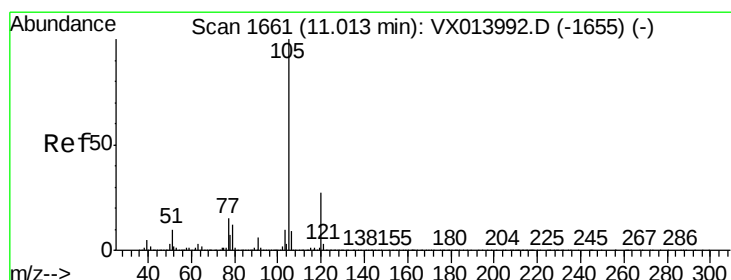
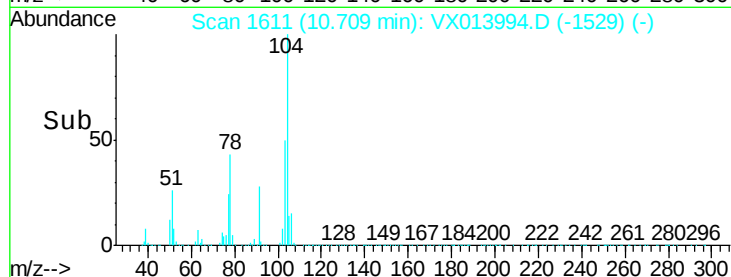
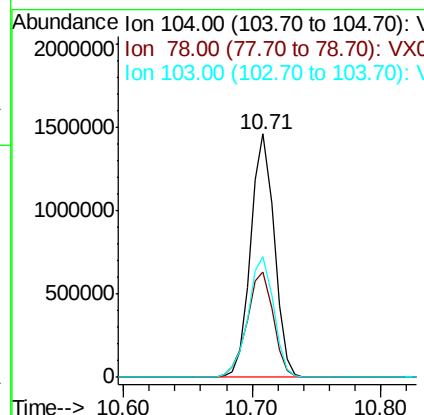
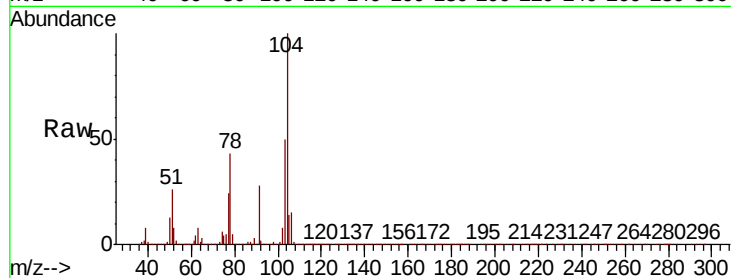
#69
Stvrene
Concen: 103.613 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.8	38.9	58.3
103	54.3	44.2	66.2

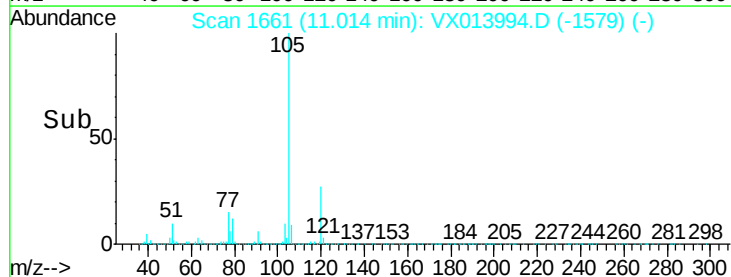
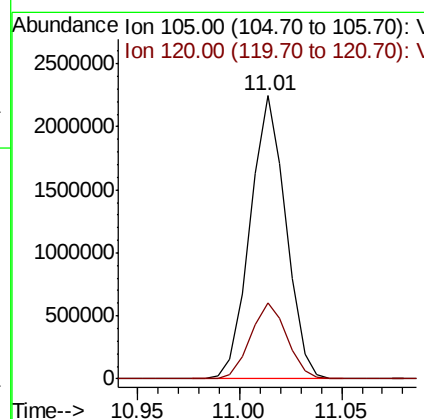
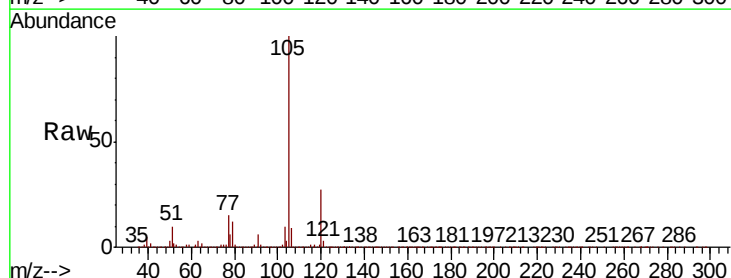
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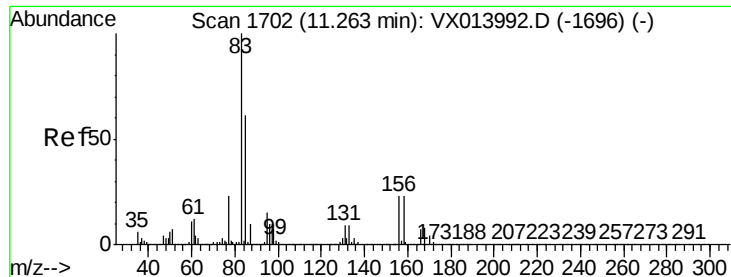
apatel
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#70
Isopropylbenzene
Concen: 100.340 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.1	19.1	35.5





#71

1,1,2,2-Tetrachloroethane

Concen: 98.275 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

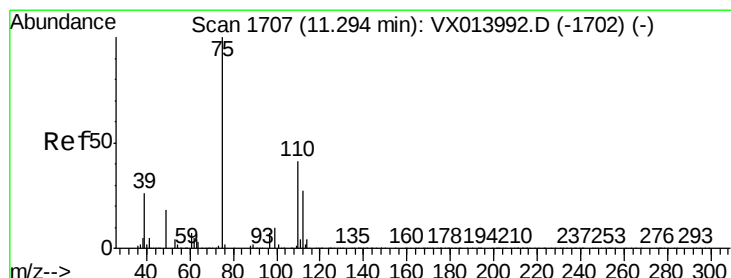
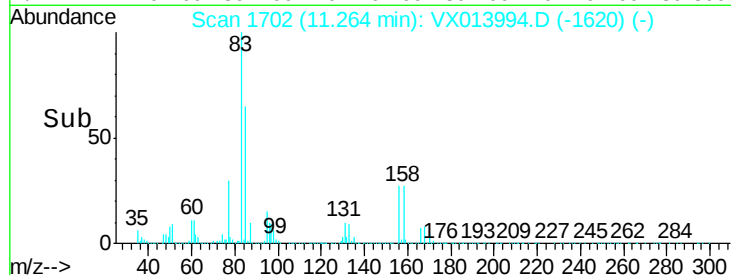
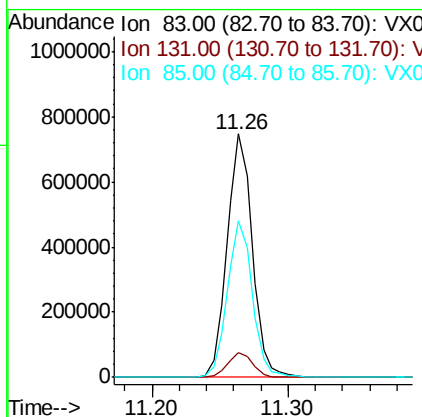
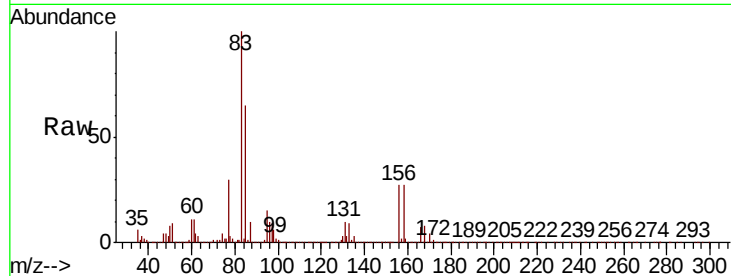
ClientSampleId :

VSTDIC100

Tot Ion:	83	Resp:	958439
Ion Ratio		Lower	Upper
83	100		
131	10.1	4.9	14.7
85	64.1	31.6	94.7

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#72

1,2,3-Trichloropropane

Concen: 102.544 ug/l m

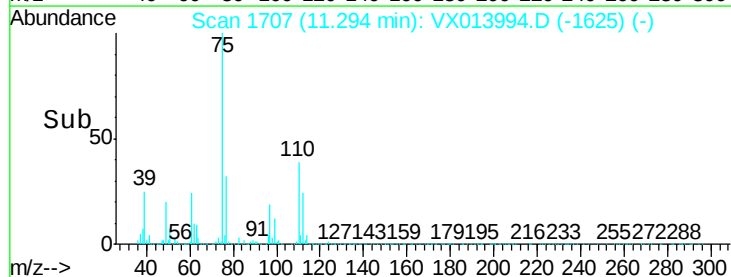
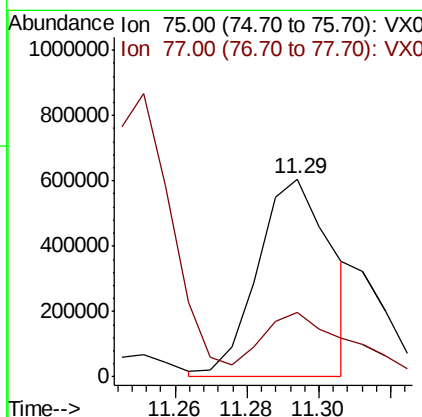
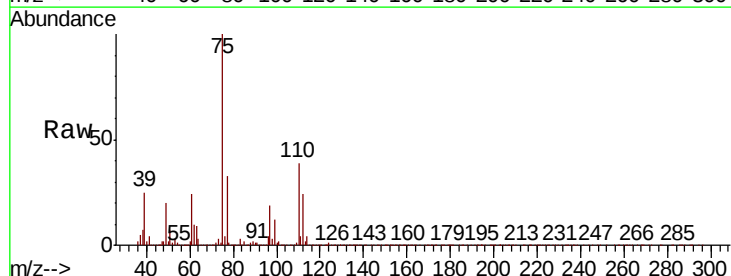
RT: 11.29 min Scan# 1707

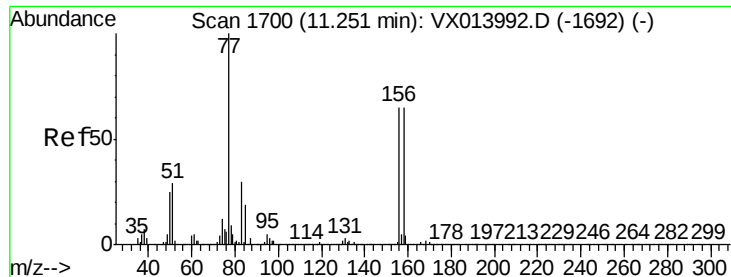
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	75	Resp:	865698
Ion Ratio		Lower	Upper
75	100		
77	36.4	0.0	68.4





#73

Bromobenzene

Concen: 100.877 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

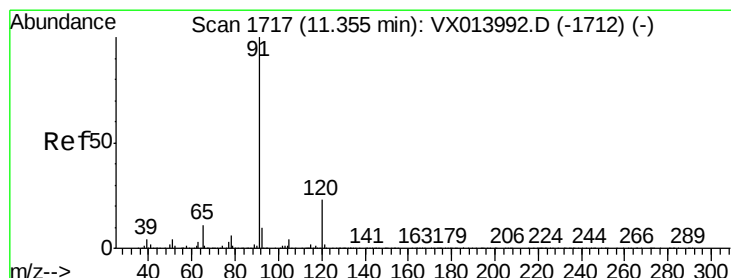
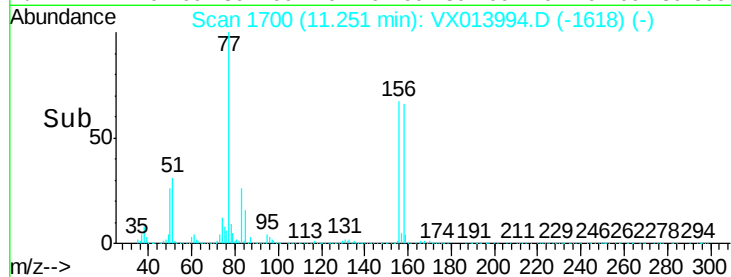
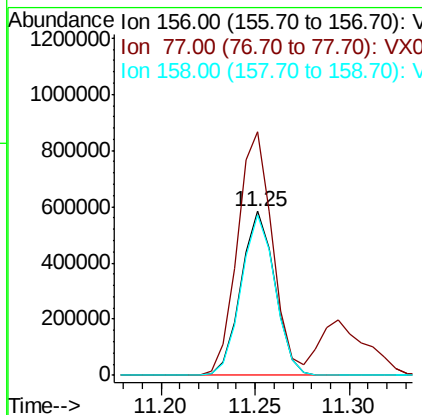
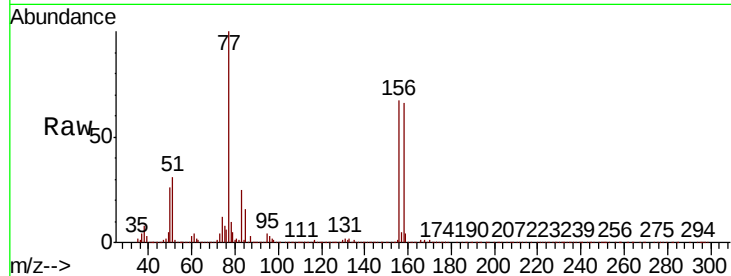
ClientSampleId :

VSTDICC100

Tot Ion:	156	Resp:	727816
Ion Ratio	Lower	Upper	
156	100		
77	153.1	0.0	304.6
158	97.6	0.0	195.2

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#74

n-propylbenzene

Concen: 101.450 ug/l

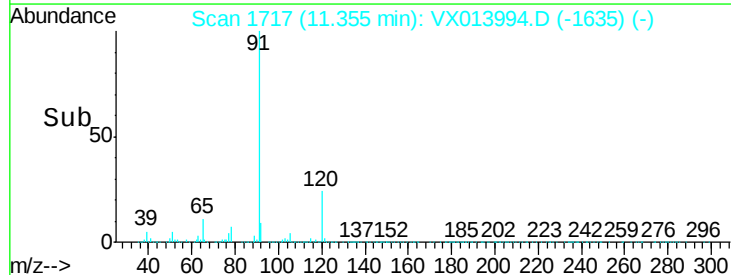
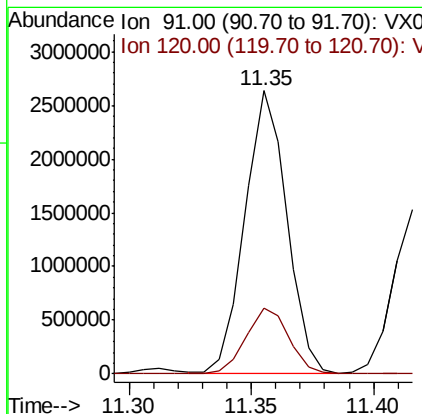
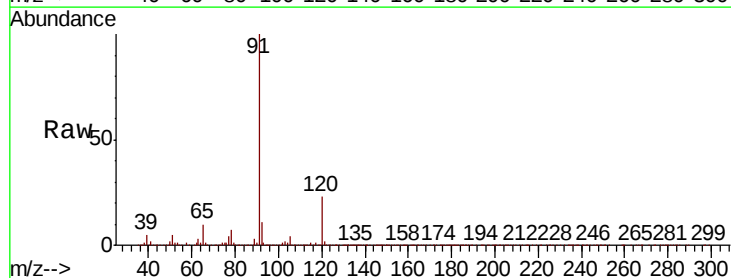
RT: 11.35 min Scan# 1717

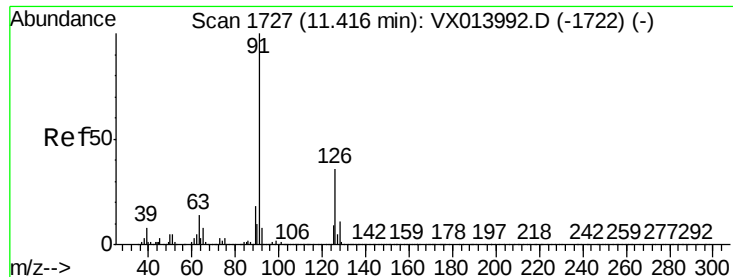
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	91	Resp:	3143140
Ion Ratio	Lower	Upper	
91	100		
120	23.6	0.0	44.8





#75

2-Chlorotoluene

Concen: 101.016 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 1869191

Ion Ratio Lower Upper

91 100

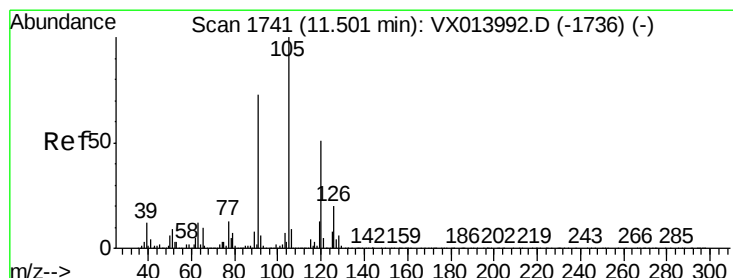
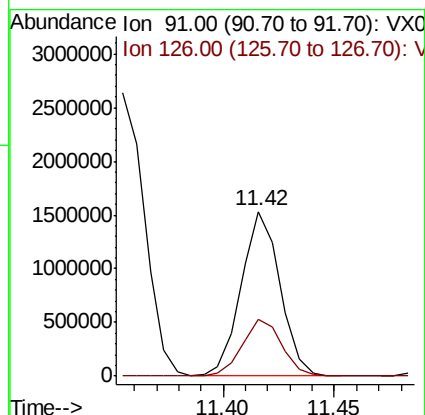
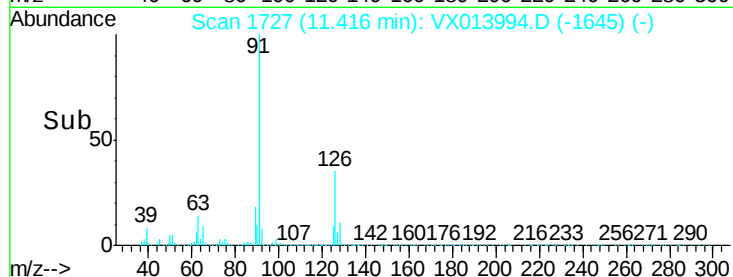
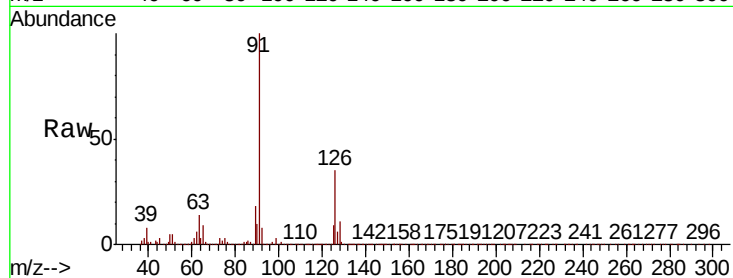
126 35.1 0.0 70.8

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#76

1,3,5-Trimethylbenzene

Concen: 102.094 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013994.D

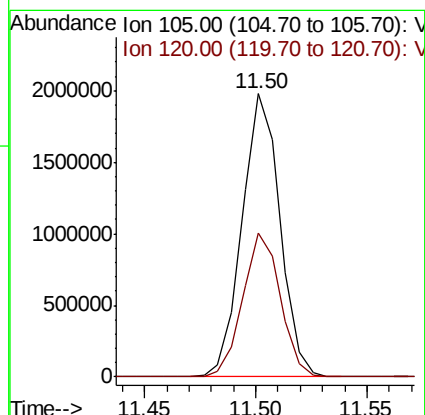
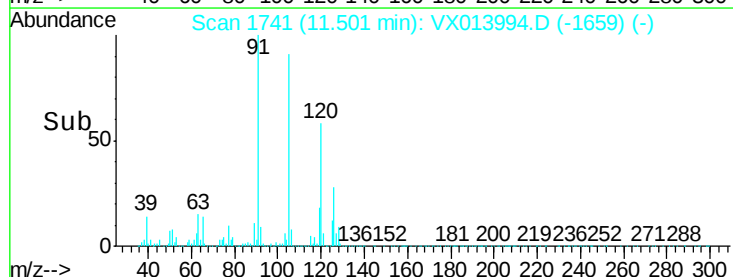
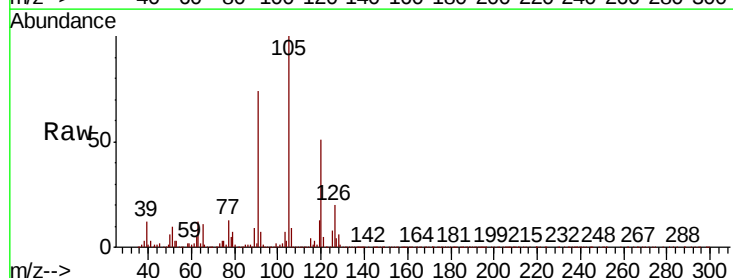
Acq: 13 Dec 2019 00:07

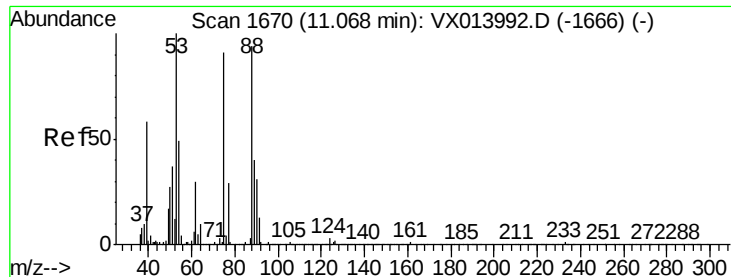
Tgt Ion: 105 Resp: 2344636

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.6





#77

t-1,4-Dichloro-2-butene

Concen: 98.597 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

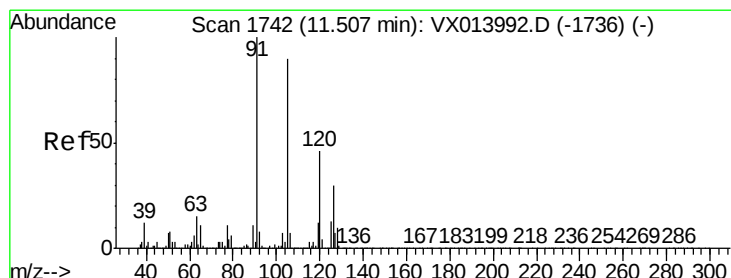
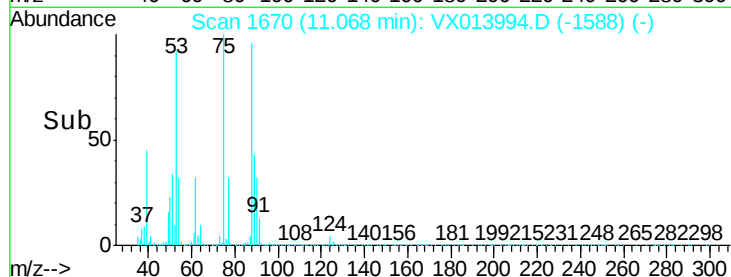
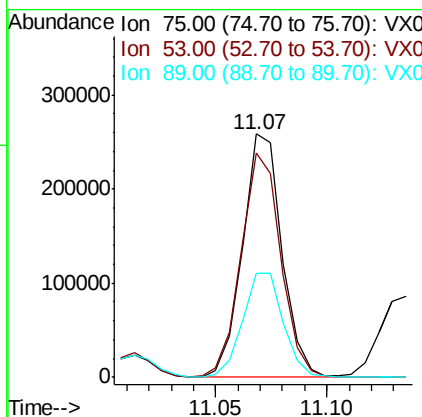
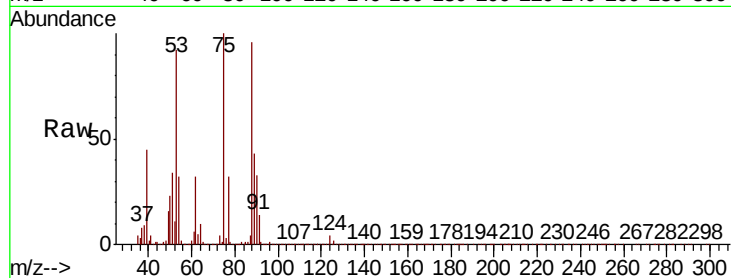
ClientSampleId :

VSTDIC100

Tot Ion:	75	Resp:	317765
Ion	Ratio	Lower	Upper
75	100		
53	92.3	54.4	163.1
89	42.6	21.9	65.5

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#78

4-Chlorotoluene

Concen: 102.462 ug/l

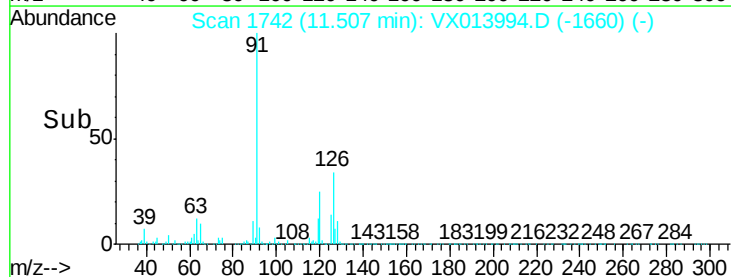
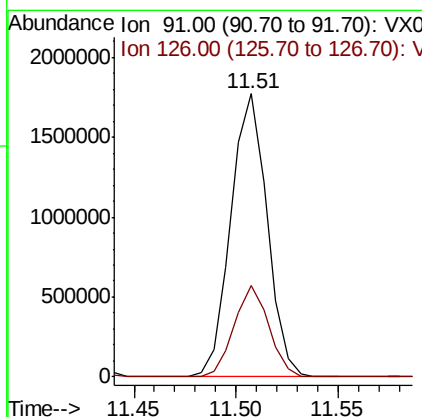
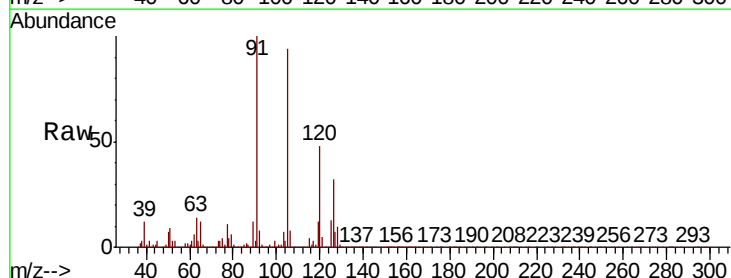
RT: 11.51 min Scan# 1742

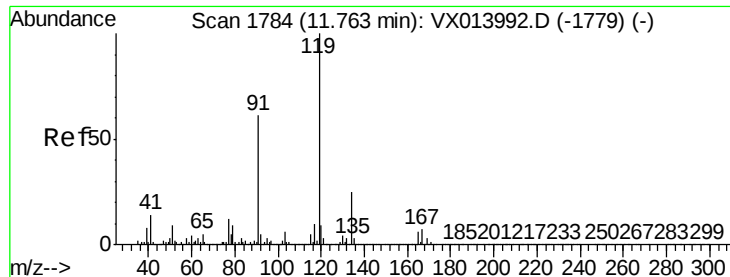
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	91	Resp:	2173424
Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	59.6





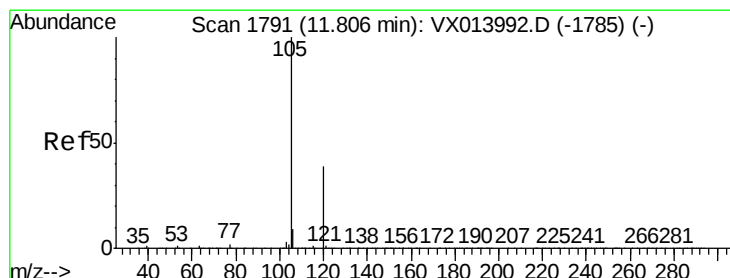
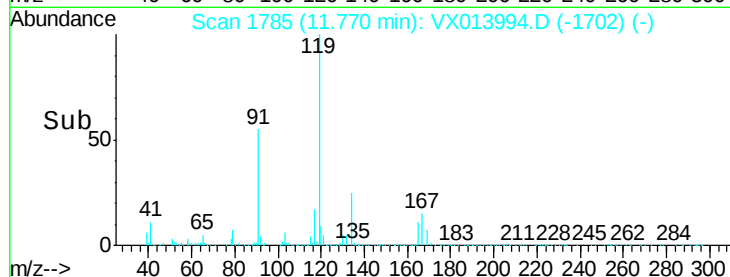
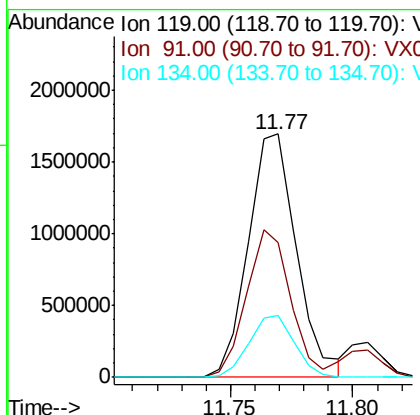
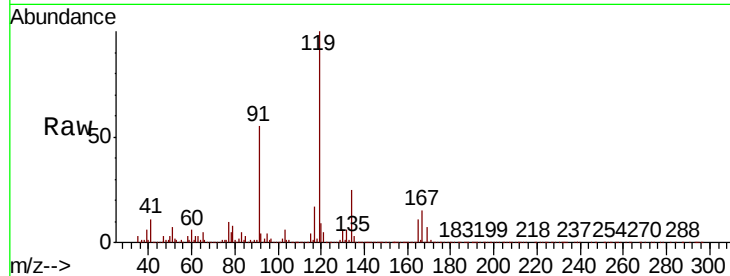
#79
tert-butylbenzene
Concen: 101.184 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.01 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
119	100		
91	55.3	0.0	112.6
134	24.0	0.0	49.8

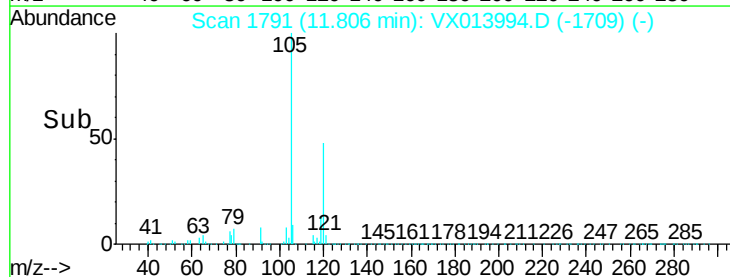
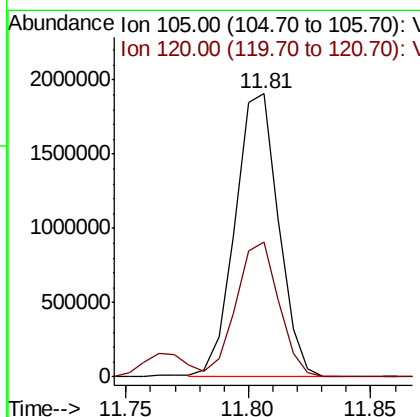
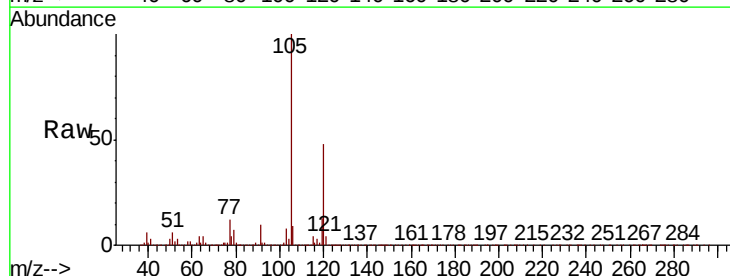
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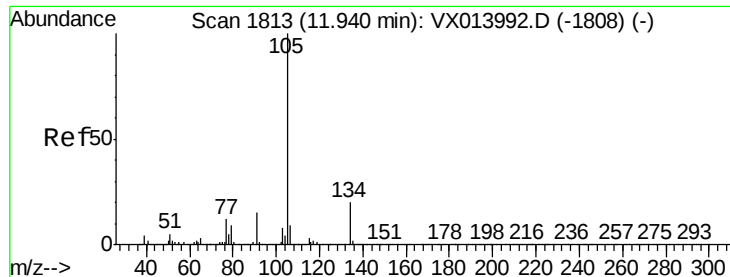
apatel
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#80
1,2,4-Trimethylbenzene
Concen: 102.824 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	0.0	92.0





#81

sec-Butylbenzene

Concen: 102.242 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC100

Tot Ion:105 Resp: 2701293

Ion Ratio Lower Upper

105 100

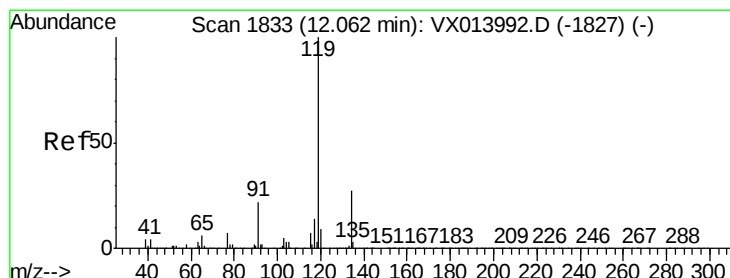
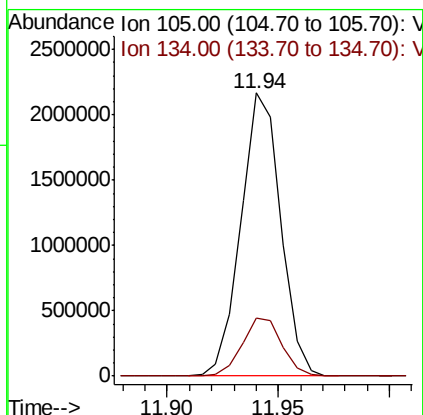
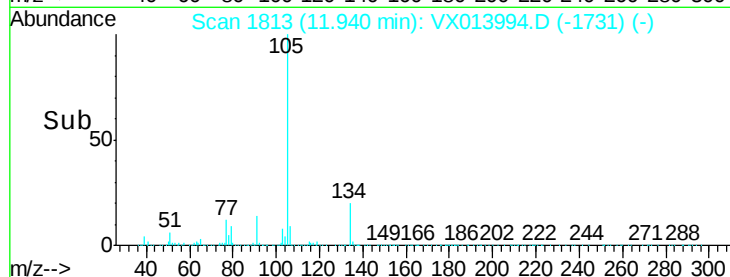
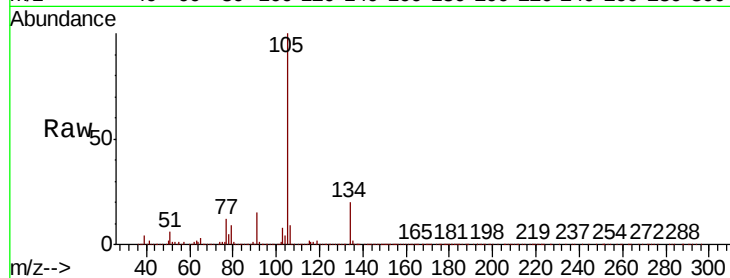
134 20.7 0.0 40.2

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#82

p-Isopropyltoluene

Concen: 102.508 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

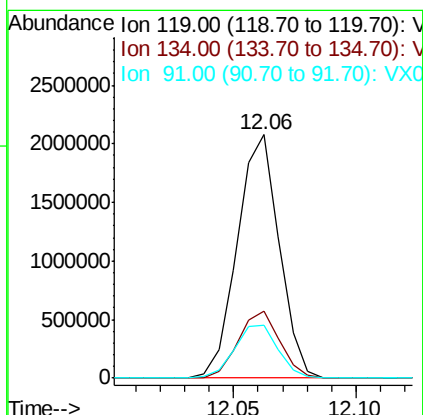
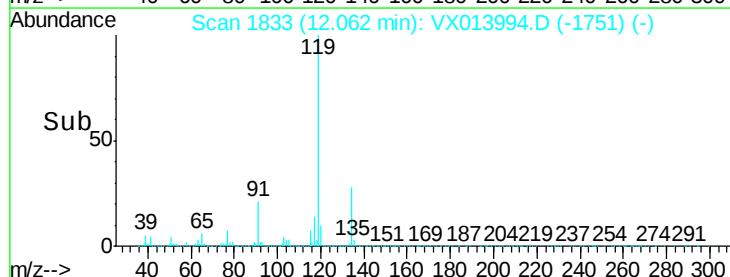
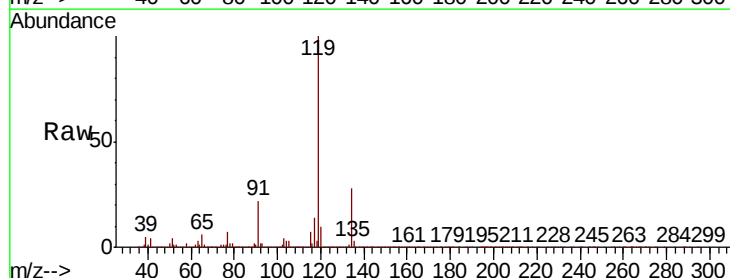
Tgt Ion:119 Resp: 2482136

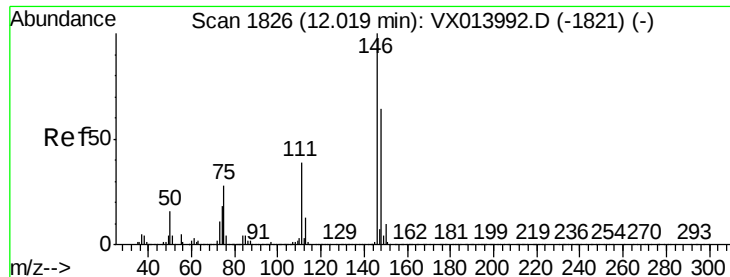
Ion Ratio Lower Upper

119 100

134 27.2 0.0 53.8

91 22.6 0.0 45.0





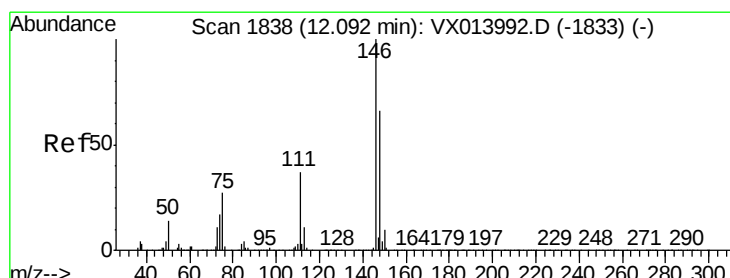
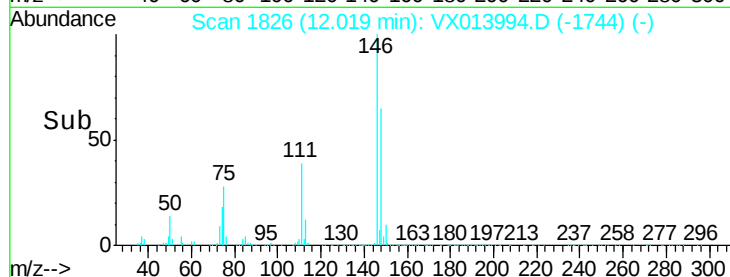
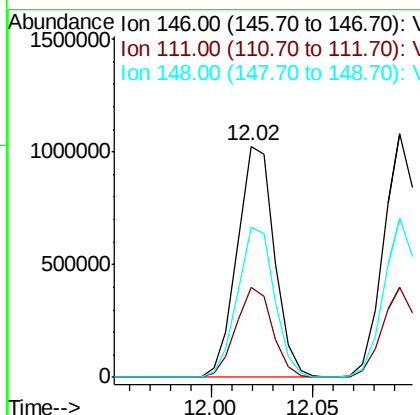
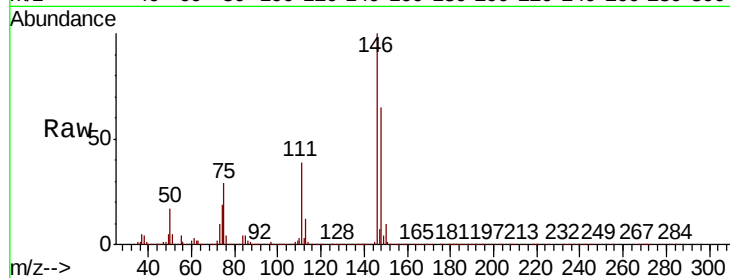
#83
1,3-Dichlorobenzene
Concen: 102.482 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.3	57.9
148	64.4	32.2	96.6

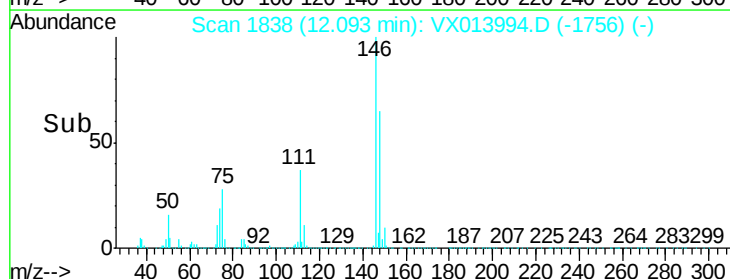
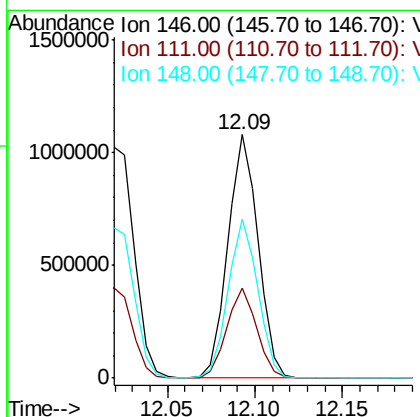
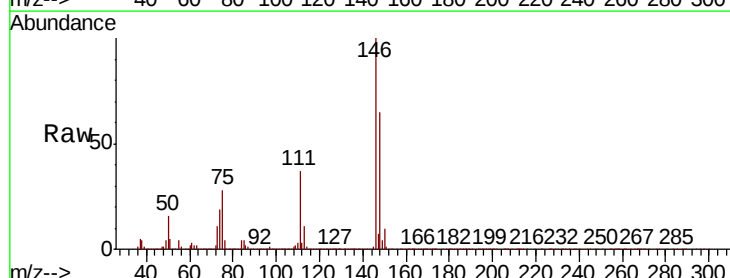
Manual Integrations
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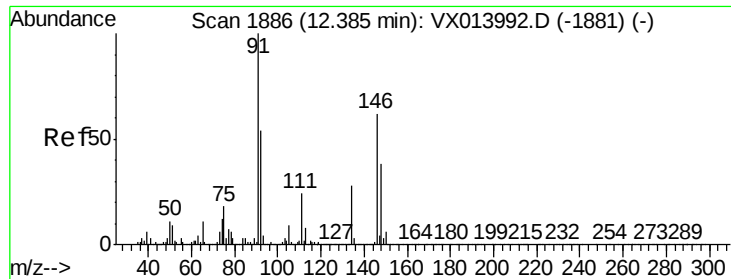
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#84
1,4-Dichlorobenzene
Concen: 102.844 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.4
148	64.1	32.0	96.0





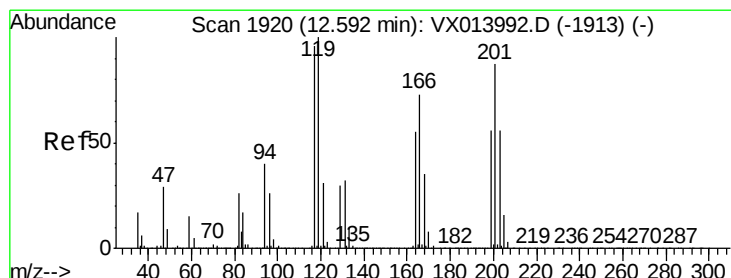
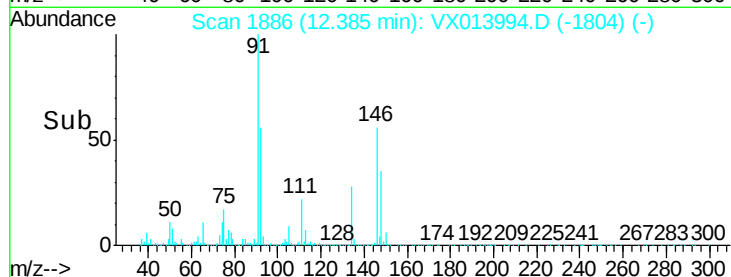
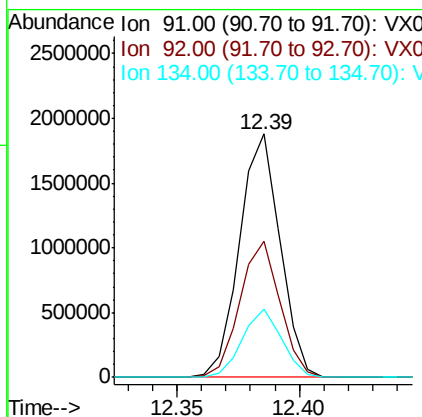
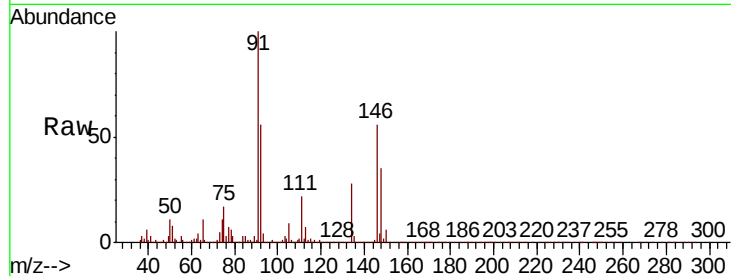
#85
n-Butylbenzene
Concen: 104.366 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleID :
VSTDIC100

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	0.0	109.0
134	27.2	0.0	54.0

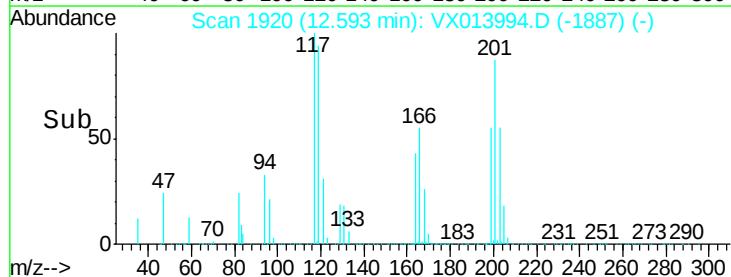
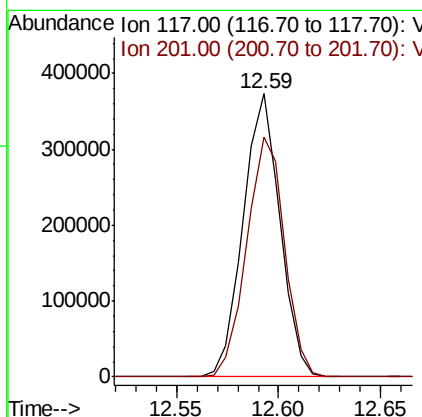
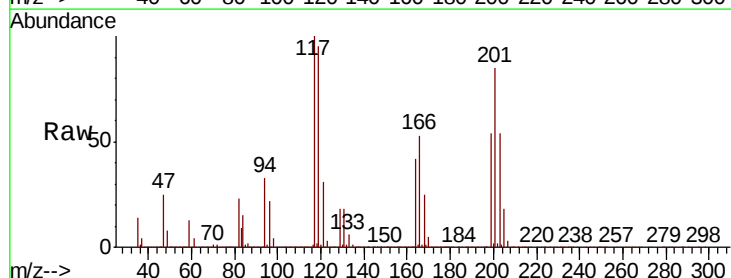
Manual Integrations
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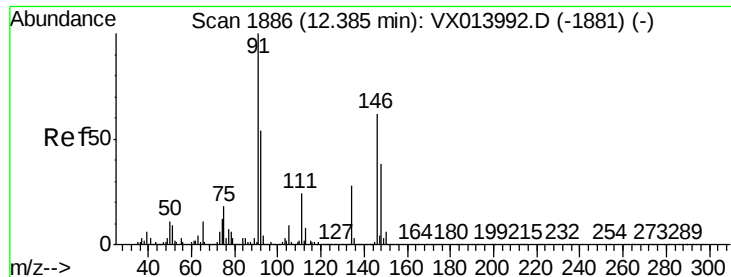
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#86
Hexachloroethane
Concen: 105.892 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	44.8	134.3





#87

1,2-Dichlorobenzene

Concen: 103.041 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC100

Tot Ion:146 Resp: 1304408

Ion Ratio Lower Upper

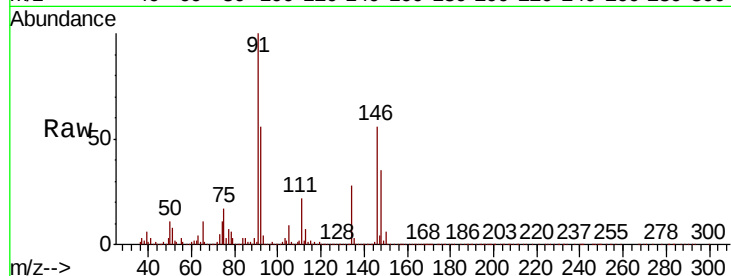
146 100

111 39.9 20.1 60.2

148 64.7 32.0 96.2

Manual Integrations
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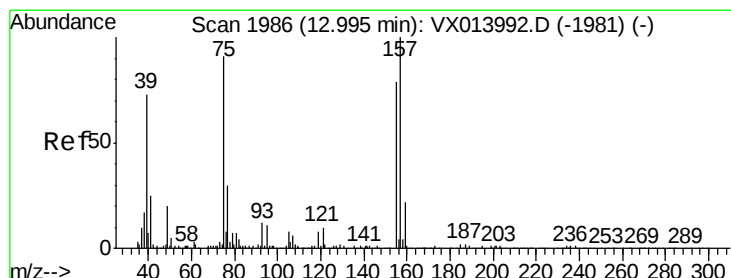
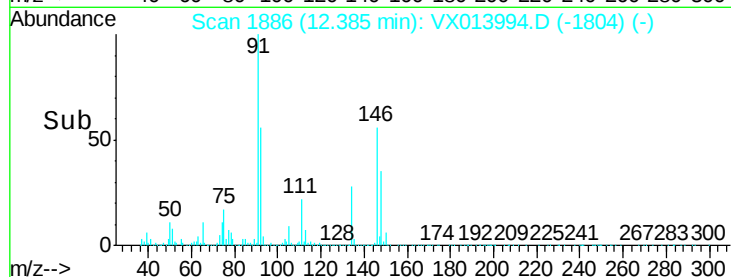
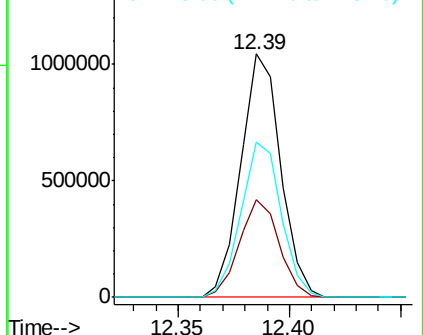
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Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,2-Dibromo-3-Chloropropane

Concen: 95.023 ug/l

RT: 12.99 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

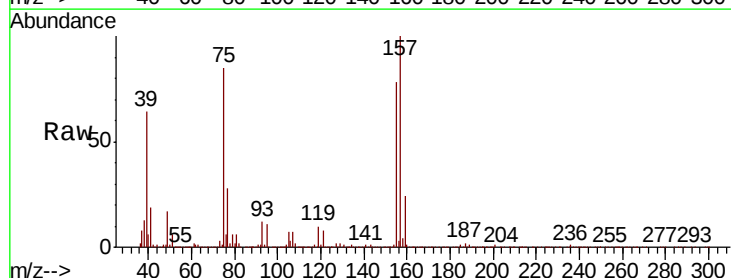
Tgt Ion: 75 Resp: 204513

Ion Ratio Lower Upper

75 100

155 95.6 73.8 110.6

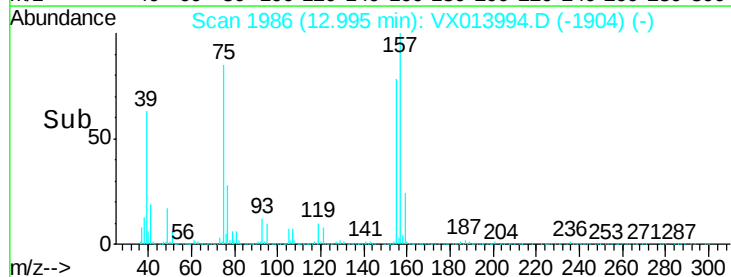
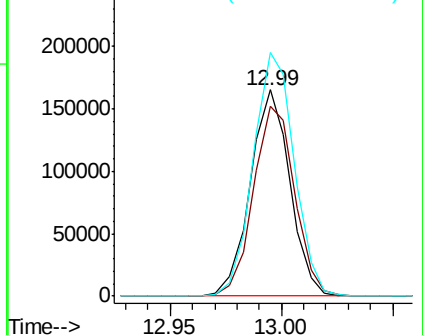
157 122.6 95.0 142.4

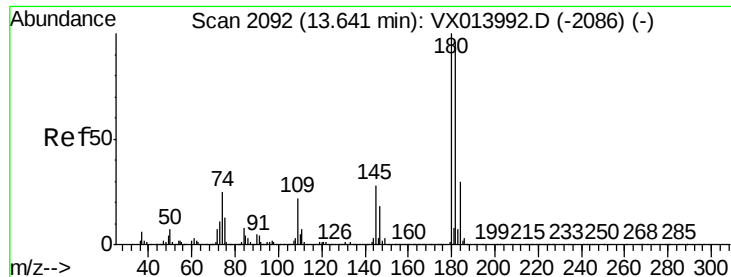


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V





#89

1,2,4-Trichlorobenzene

Concen: 104.513 ug/l

RT: 13.64 min Scan# 2092

Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Instrument :

MSVOA_X

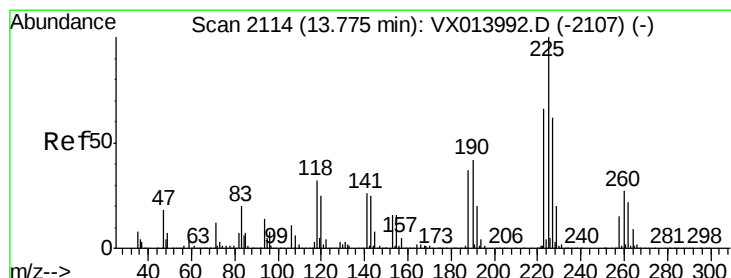
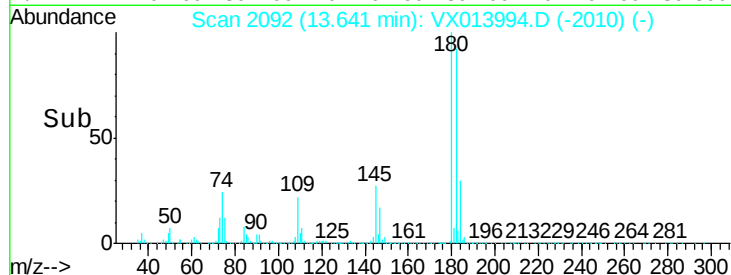
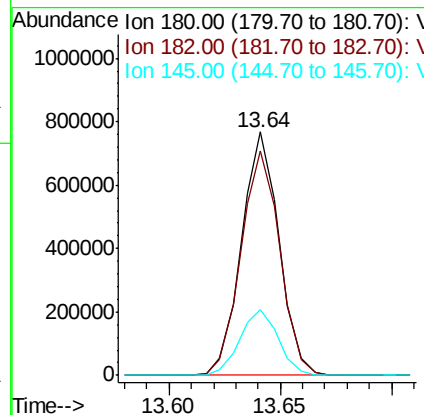
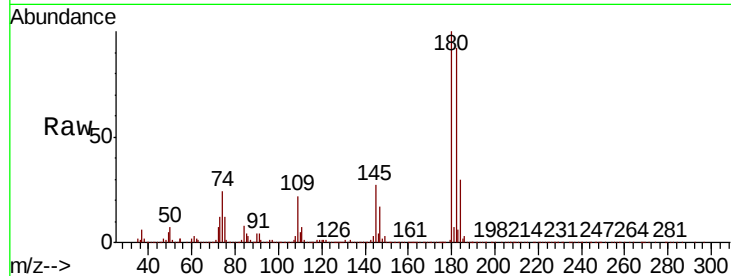
ClientSampleId :

VSTDIC100

Tot Ion:	180	Resp:	898051
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.4	114.6
145	27.6	21.9	32.9

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#90

Hexachlorobutadiene

Concen: 97.297 ug/l

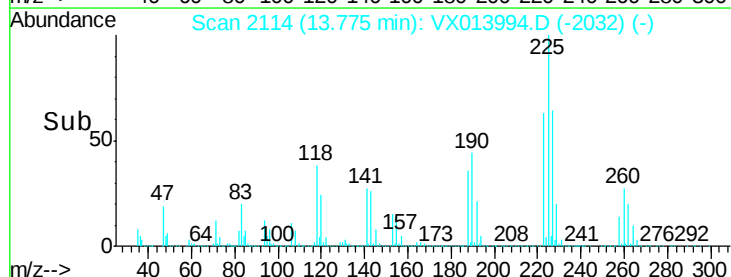
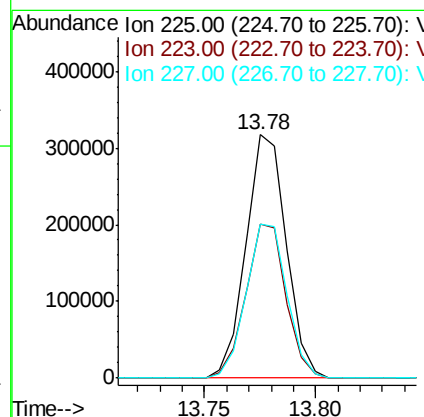
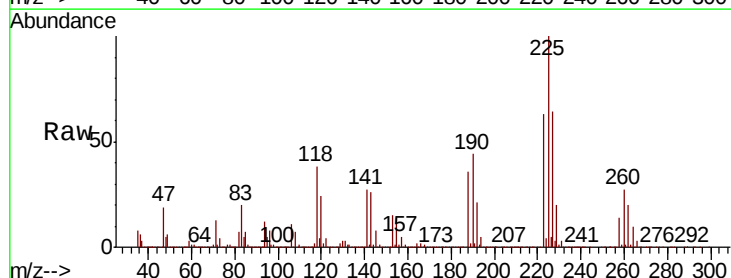
RT: 13.78 min Scan# 2114

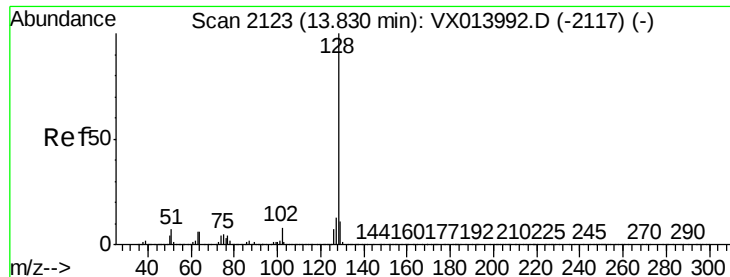
Delta R.T. 0.00 min

Lab File: VX013994.D

Acq: 13 Dec 2019 00:07

Tgt Ion:	225	Resp:	402404
Ion Ratio	Lower	Upper	
225	100		
223	62.8	0.0	127.4
227	64.1	0.0	122.8





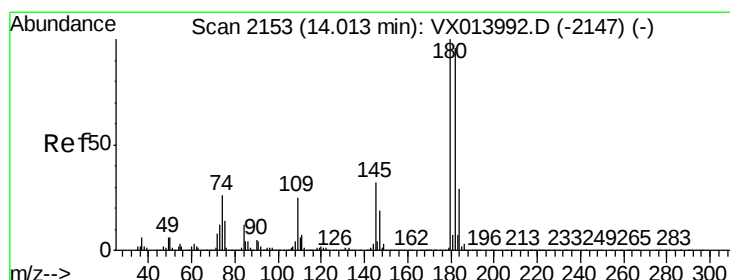
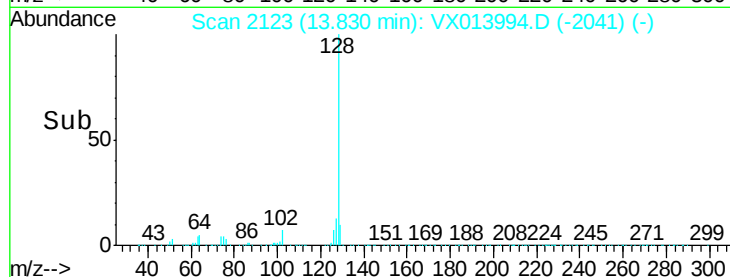
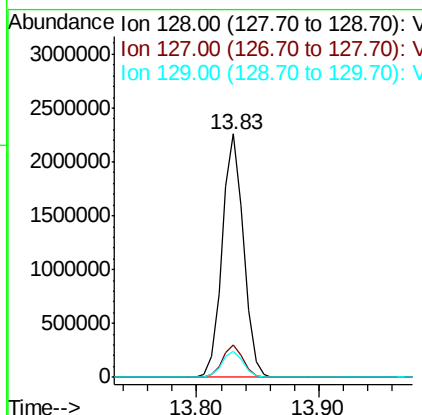
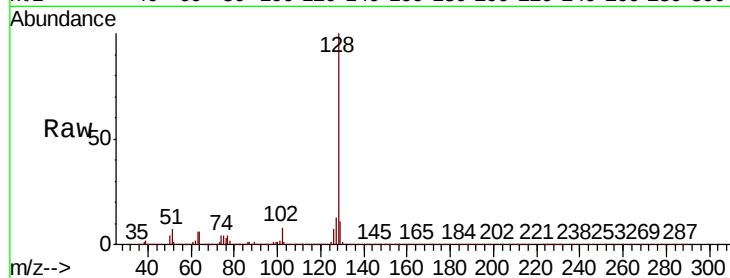
#91
Naphthalene
Concen: 101.157 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC100

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

Manual Integrations
APPROVED

apatel
12/13/2019 11:25:48 AM



#92
1,2,3-Trichlorobenzene
Concen: 103.058 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013994.D
Acq: 13 Dec 2019 00:07

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	0.0	192.8
145	29.9	0.0	60.0

