

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013395.D
 Acq On : 12 Nov 2019 19:11
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC020EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:38:35 AM

Quant Time: Nov 13 02:48:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	120082	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	668908	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	603598	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	258340	29.13	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.10%
60) 4-Bromofluorobenzene	11.13	95	285524	29.43	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.10%
63) Toluene-d8	8.71	98	827764	30.33	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	171871	19.103	ug/l 100
3) Chloromethane	1.32	50	190836	19.462	ug/l 100
4) Vinyl Chloride	1.40	62	214416	19.244	ug/l 99
5) Bromomethane	1.63	94	115946	17.310	ug/l 99
6) Chloroethane	1.72	64	117248	19.144	ug/l 100
7) Trichlorofluoromethane	1.92	101	223855	18.662	ug/l 97
8) Diethyl Ether	2.18	74	103014	18.809	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	131240	18.185	ug/l 99
10) 1,1-Dichloroethene	2.36	96	140581	18.956	ug/l 99
11) Methyl Iodide	2.50	142	161332	17.618	ug/l 99
12) Methyl Acetate	2.76	43	234358	18.034	ug/l 98
13) Acrolein	2.28	56	105518	76.440	ug/l 99
14) Acrylonitrile	3.12	53	414323	86.702	ug/l 99
15) Acetone	2.43	58	119991	82.906	ug/l 98
16) Carbon Disulfide	2.56	76	376455	18.199	ug/l 99
17) Allyl chloride	2.72	41	246930	18.080	ug/l 99
18) Methylene Chloride	2.84	84	160272	19.047	ug/l 97
19) trans-1,2-Dichloroethene	3.15	96	150485	18.986	ug/l 98
20) Diisopropyl ether	3.84	45	495589	18.861	ug/l 97
21) 1,1-Dichloroethane	3.69	63	272496	19.041	ug/l 98
22) cis-1,2-Dichloroethene	4.59	96	172075	19.042	ug/l 97
23) tert-Butyl Alcohol	3.02	59	194488	84.569	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	460514	18.762	ug/l 100
25) Chloroform	5.20	83	268854	19.192	ug/l 98
26) Cyclohexane	5.56	56	234770	18.064	ug/l # 98
29) 1,1-Dichloropropene	5.79	75	200056	19.581	ug/l 99
30) 2-Butanone	4.65	43	607953	90.152	ug/l 99
31) 2,2-Dichloropropane	4.57	77	207013	18.709	ug/l 100
32) 1,1,1-Trichloroethane	5.48	97	222865	19.625	ug/l 98
33) Carbon Tetrachloride	5.78	117	190364	19.299	ug/l 94
34) Benzene	6.13	78	620323	20.017	ug/l 98
35) Methacrylonitrile	5.03	41	127588	18.946	ug/l 96
36) 1,2-Dichloroethane	6.18	62	215898	19.904	ug/l 99
37) Trichloroethene	7.20	130	163277	19.667	ug/l 94
38) Methylcyclohexane	7.46	83	241148	19.250	ug/l 99
39) 1,2-Dichloropropane	7.50	63	158498	19.780	ug/l 97
40) Dibromomethane	7.65	93	104841	19.660	ug/l 99

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Manual Integrations
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 11/13/2019 9:38:35 AM

Quant Time: Nov 13 02:48:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:16:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	198069	19.027	ug/l	97
42) Vinyl Acetate	3.80	43	2052234	96.659	ug/l	100
43) Ethyl Acetate	4.82	43	222879	18.121	ug/l	96
44) Isopropyl Acetate	6.43	43	366908	18.558	ug/l	98
45) 1,4-Dioxane	7.73	88	80594	369.223	ug/l	99
46) Methyl methacrylate	7.76	41	183395	18.648	ug/l	96
47) n-amyl Acetate	10.89	43	317051	18.282	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	214191	18.349	ug/l	98
49) cis-1,3-Dichloropropene	8.43	75	245675	19.208	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	157342	19.939	ug/l	96
51) Ethyl methacrylate	9.17	69	246232	18.952	ug/l	98
52) 1,3-Dichloropropane	9.37	76	263863	19.560	ug/l	98
53) Dibromochloromethane	9.57	129	158546	18.957	ug/l	98
54) 1,2-Dibromoethane	9.67	107	164954	19.549	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	489166	88.116	ug/l	99
56) Bromoform	10.85	173	121005	18.181	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1183128	93.830	ug/l	99
59) 2-Hexanone	9.48	43	910110	91.222	ug/l	99
61) Tetrachloroethene	9.33	164	151566	20.363	ug/l	95
62) Toluene	8.78	91	663982	19.749	ug/l	100
64) Chlorobenzene	10.14	112	414321	19.709	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	148464	18.867	ug/l	99
66) Ethyl Benzene	10.25	91	719062	19.468	ug/l	99
67) m/p-Xylenes	10.35	106	553491	38.847	ug/l	99
68) o-Xylene	10.70	106	269198	19.577	ug/l	99
69) Styrene	10.71	104	455338	19.393	ug/l	99
70) Isopropylbenzene	11.01	105	716546	19.776	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	249449	19.228	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	200692m	18.321	ug/l	
73) Bromobenzene	11.25	156	185671	19.431	ug/l	96
74) n-propylbenzene	11.35	91	802227	19.483	ug/l	100
75) 2-Chlorotoluene	11.42	91	475718	19.428	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	585883	19.237	ug/l	98
77) t-1,4-Dichloro-2-butene	11.07	75	74885	16.907	ug/l	93
78) 4-Chlorotoluene	11.51	91	535498	19.088	ug/l	100
79) tert-butylbenzene	11.76	119	585903	19.068	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	587764	19.367	ug/l	99
81) sec-Butylbenzene	11.94	105	676544	19.297	ug/l	100
82) p-Isopropyltoluene	12.06	119	620175	19.199	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	324469	19.315	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	319483	19.159	ug/l	98
85) n-Butylbenzene	12.39	91	519567	18.637	ug/l	100
86) Hexachloroethane	12.59	117	106577	17.980	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	324823	19.337	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	51223	17.655	ug/l	97
89) 1,2,4-Trichlorobenzene	13.64	180	211708	18.278	ug/l	98
90) Hexachlorobutadiene	13.78	225	102361	18.443	ug/l	98
91) Naphthalene	13.83	128	680938	18.568	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	216922	18.532	ug/l	99

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ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

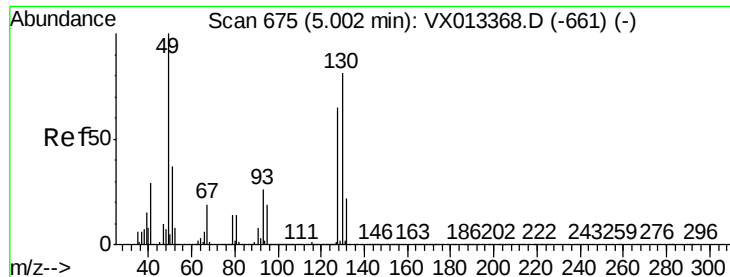
Manual Integrations
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11/13/2019 9:38:35 AM

Quant Time: Nov 13 02:48:46 2019
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Nov 12 01:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

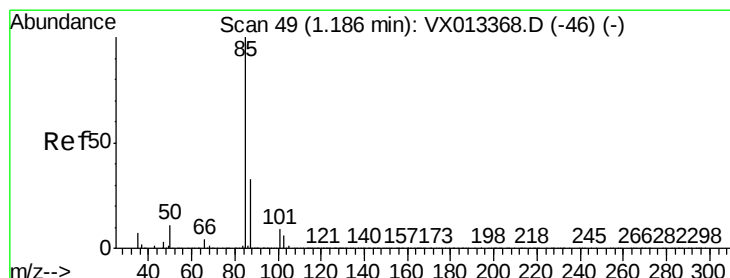
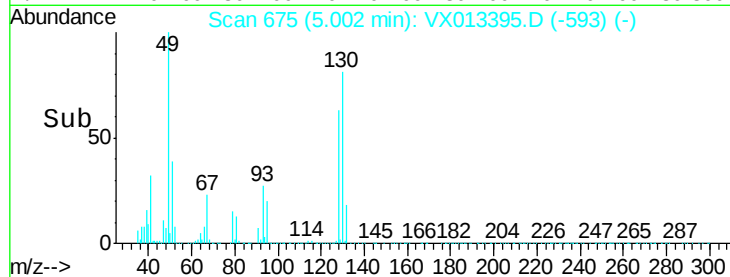
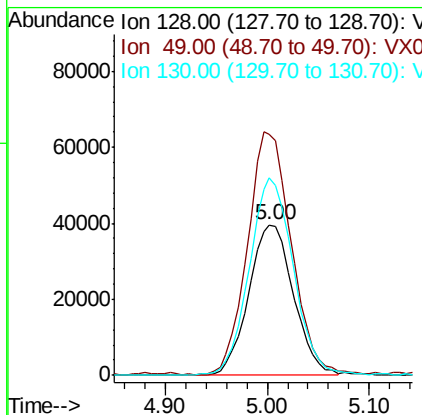
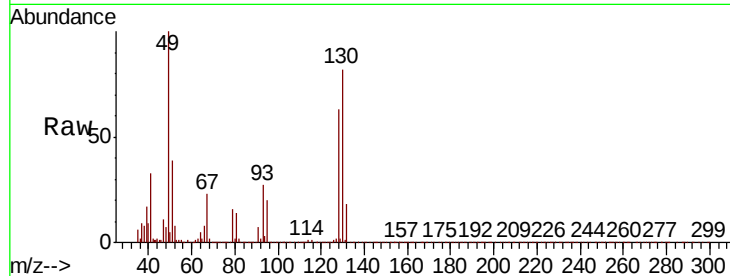
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	388.3
130	129.7	0.0	318.5

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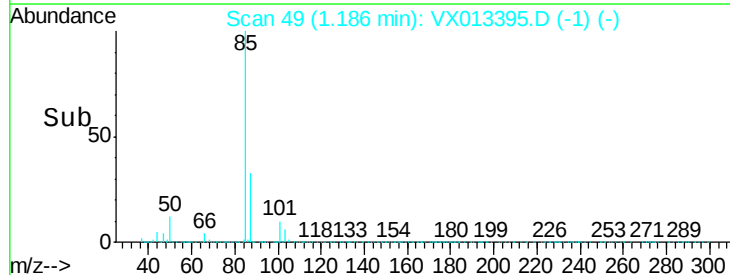
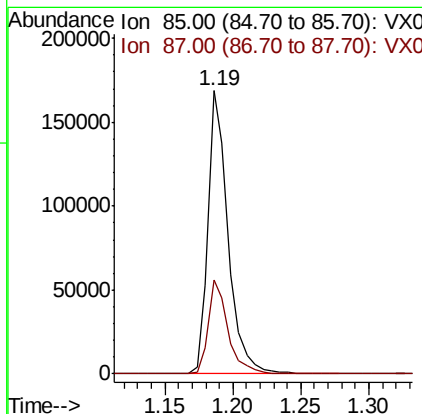
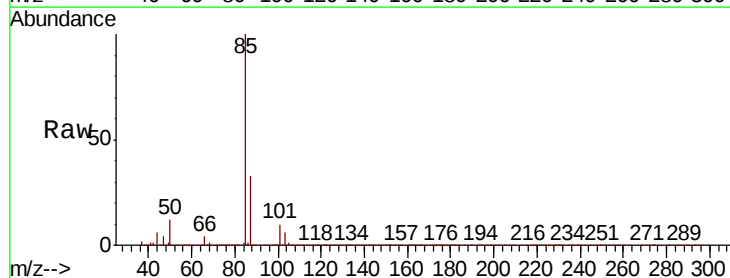
MMDadoda
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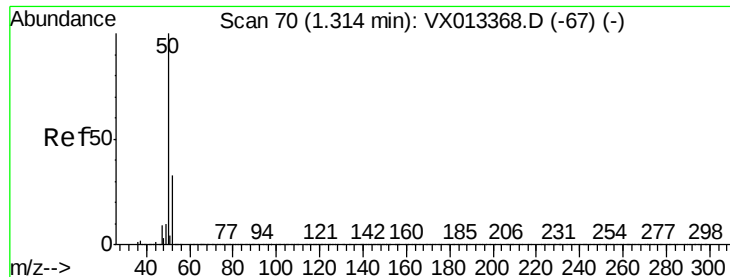


#2

Dichlorodifluoromethane
Concen: 19.103 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
85	100		
87	33.0	16.6	49.7





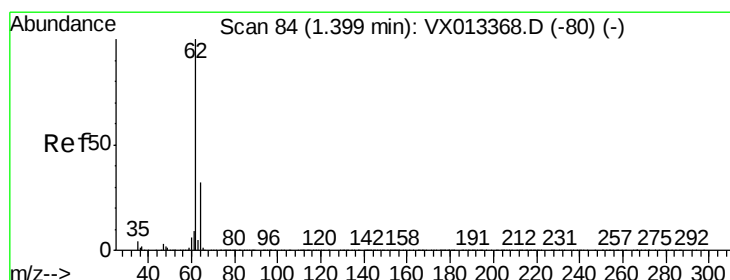
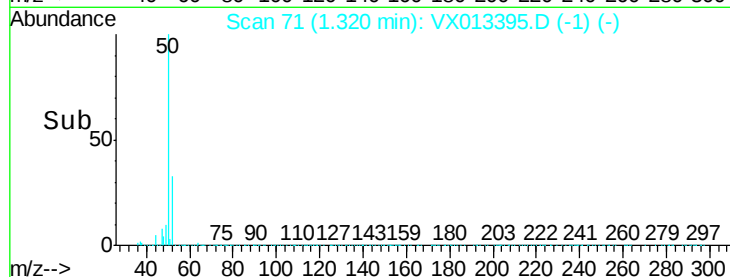
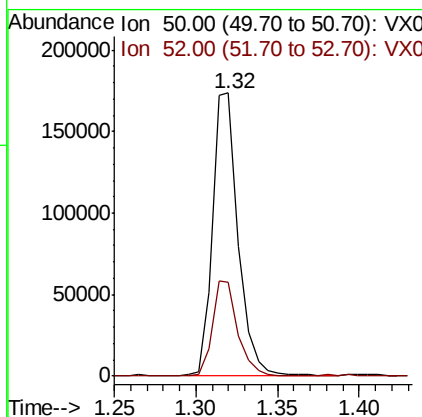
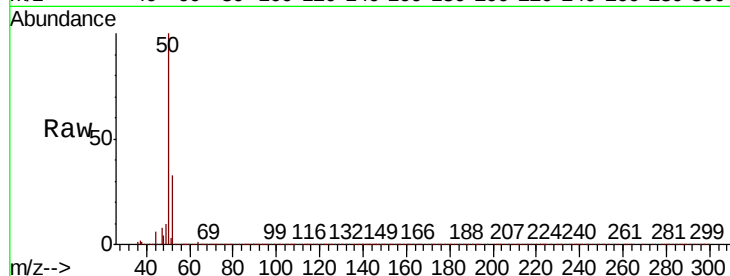
#3
Chloromethane
Concen: 19.462 ug/l
RT: 1.32 min Scan# 71
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	33.3	26.6	40.0

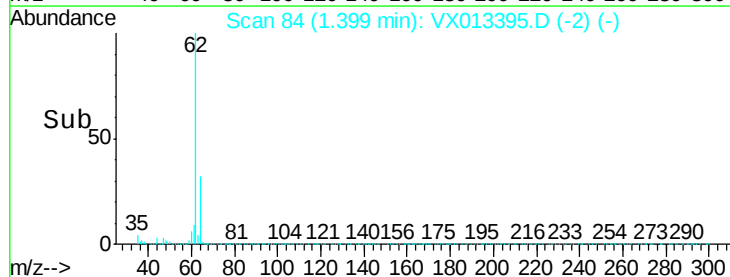
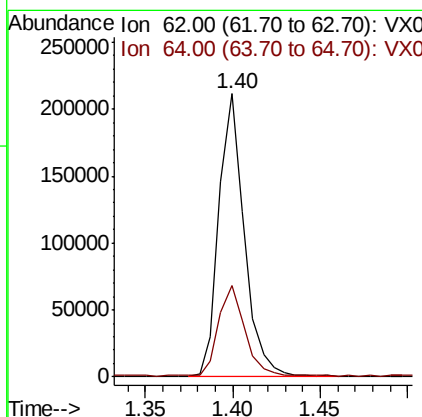
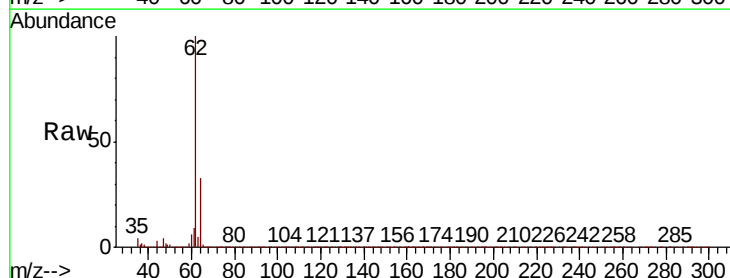
Manual Integrations
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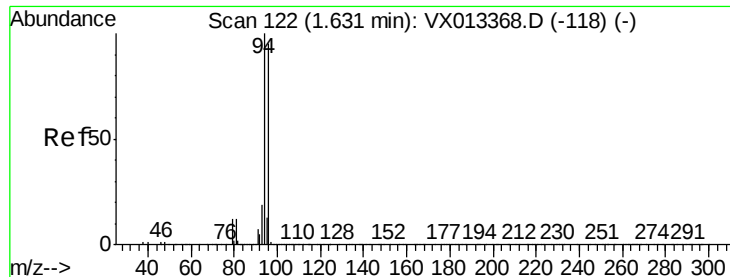
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#4
Vinyl Chloride
Concen: 19.244 ug/l
RT: 1.40 min Scan# 84
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
62	100		
64	32.2	25.4	38.2





#5

Bromomethane

Concen: 17.310 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 94 Resp: 115946

Ion Ratio Lower Upper

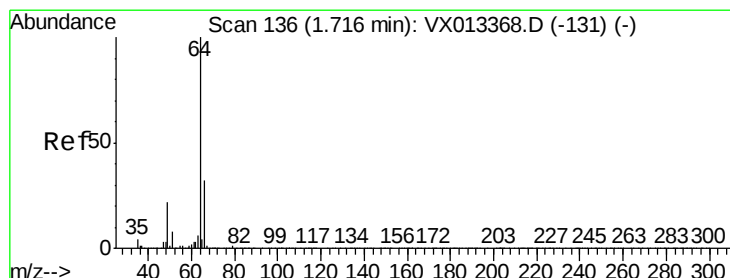
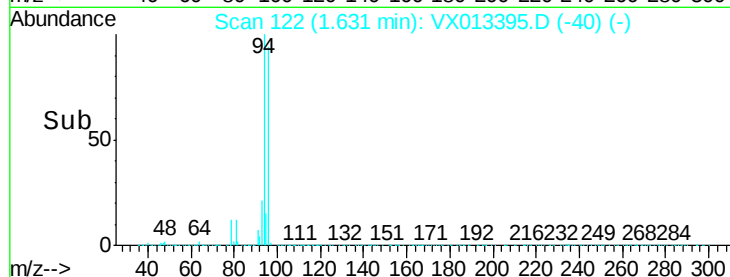
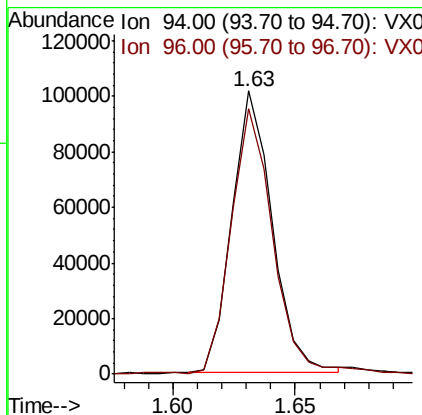
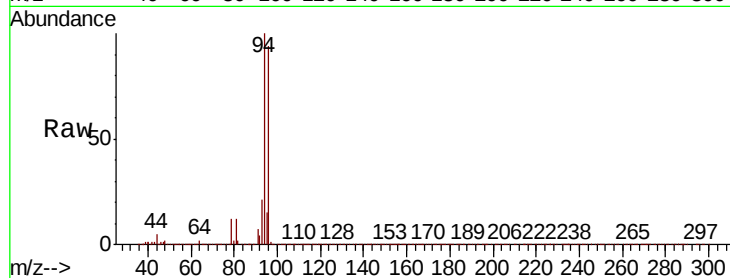
94 100

96 93.9 75.7 113.5

Manual Integrations
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11/13/2019 9:38:35 AM



#6

Chloroethane

Concen: 19.144 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013395.D

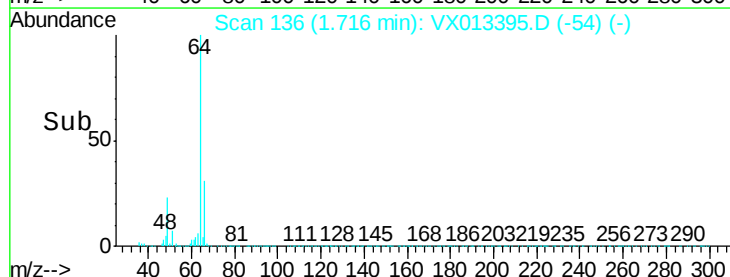
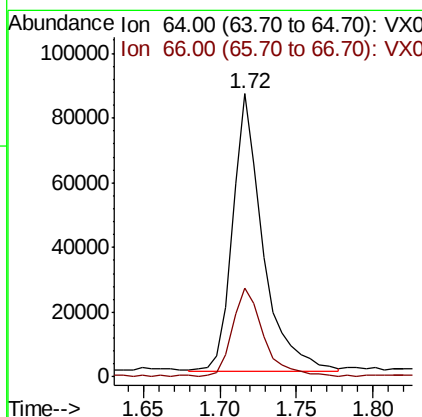
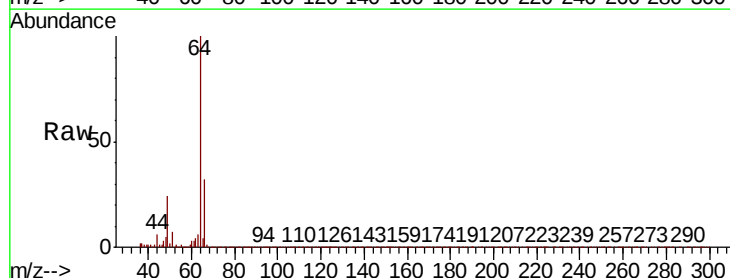
Acq: 12 Nov 2019 19:11

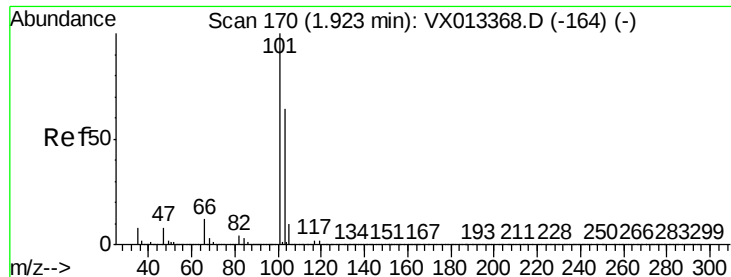
Tgt Ion: 64 Resp: 117248

Ion Ratio Lower Upper

64 100

66 32.0 25.5 38.3





#7

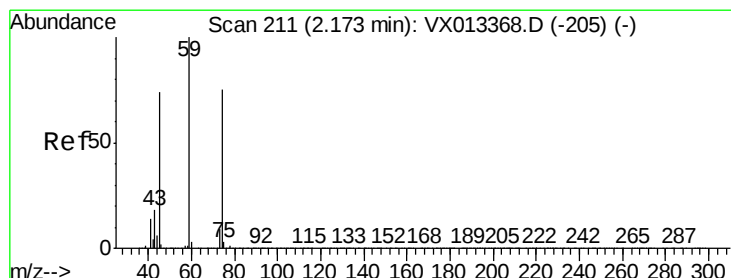
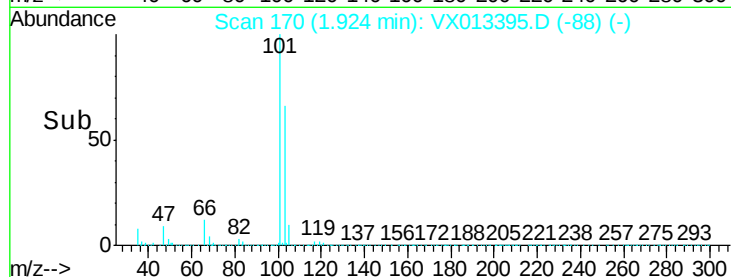
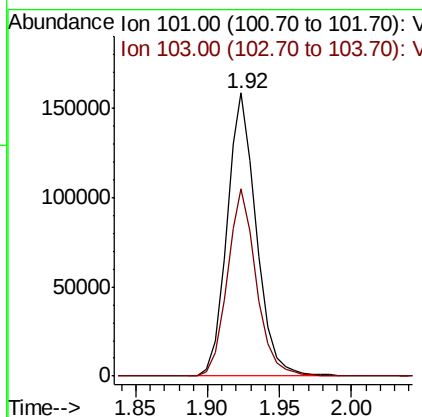
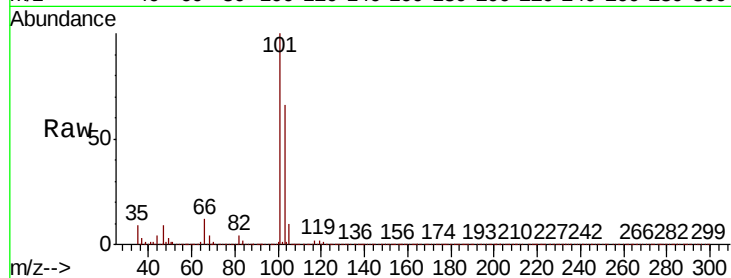
Trichlorofluoromethane
Concen: 18.662 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
101	100	223855		
103	66.1	51.2	76.8	

Manual Integrations
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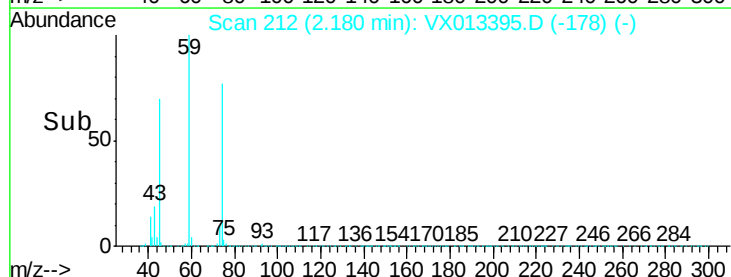
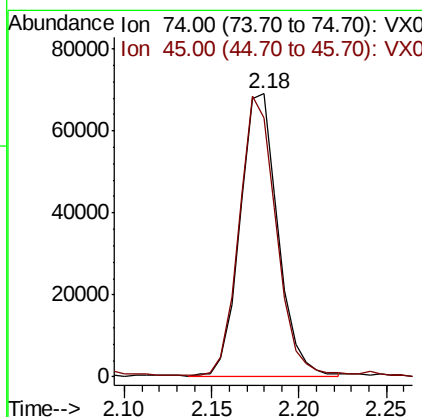
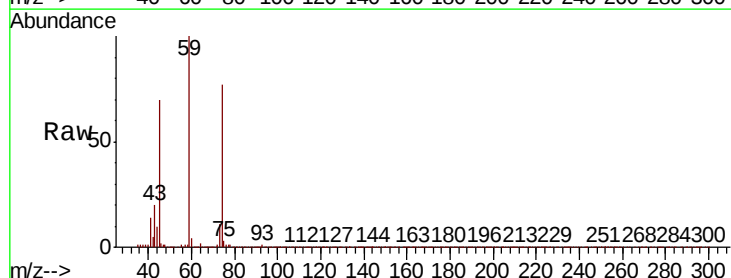
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11/13/2019 9:38:35 AM

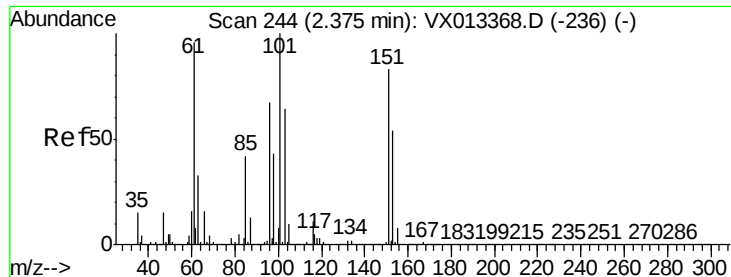


#8

Diethyl Ether
Concen: 18.809 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
74	100	103014		
45	96.8	19.5	175.5	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.185 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

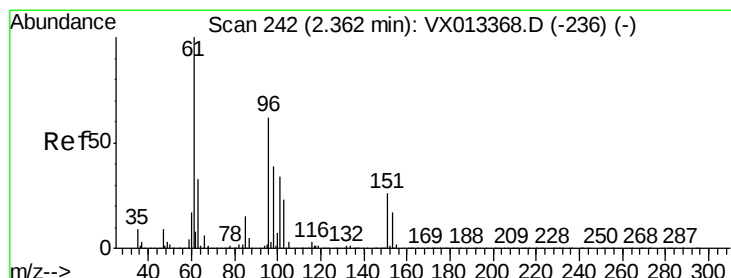
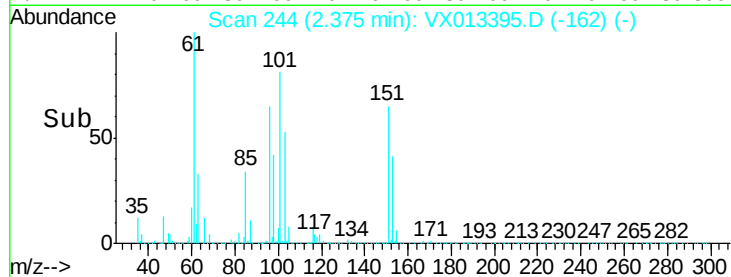
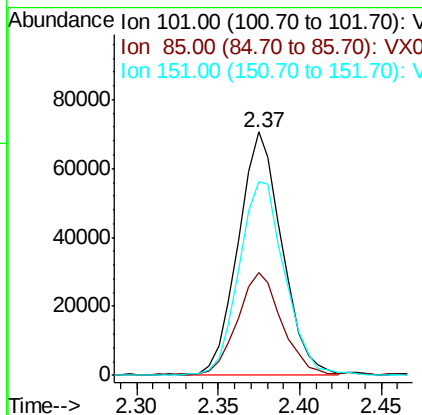
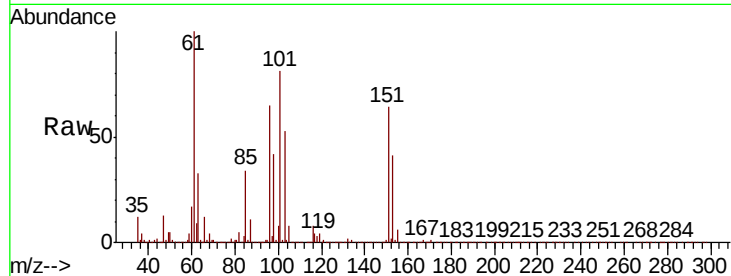
ClientSampleId :

VSTDCCC020EC

Tot Ion:	101	Resp:	131240
Ion Ratio	Lower	Upper	
101	100		
85	41.4	0.0	83.2
151	83.7	0.0	163.8

Manual Integrations
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11/13/2019 9:38:35 AM



#10

1,1-Dichloroethene

Concen: 18.956 ug/l

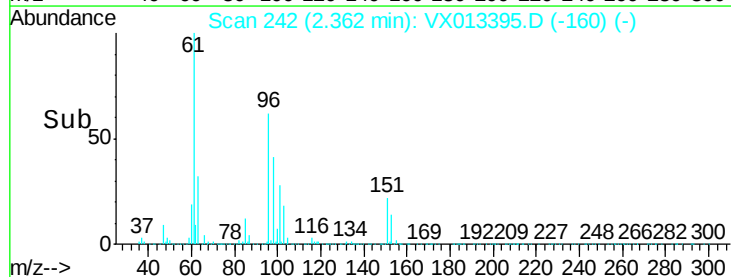
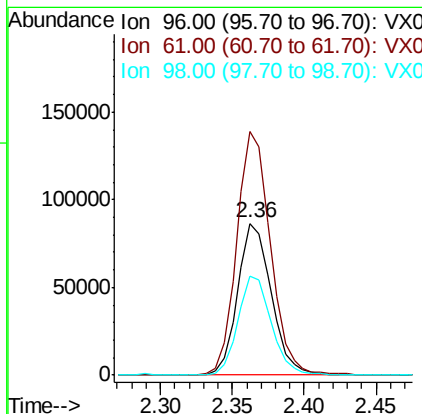
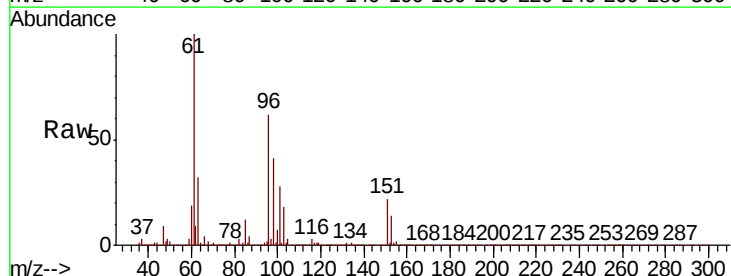
RT: 2.36 min Scan# 242

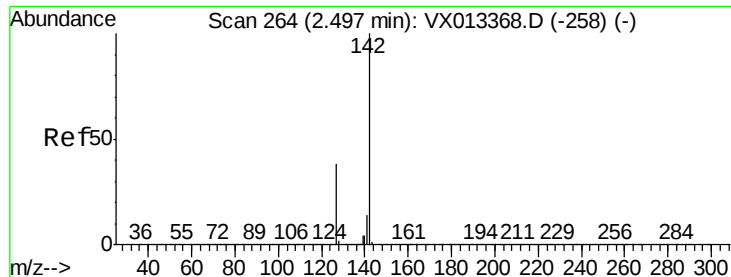
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	96	Resp:	140581
Ion Ratio	Lower	Upper	
96	100		
61	160.5	128.9	193.3
98	65.2	49.7	74.5





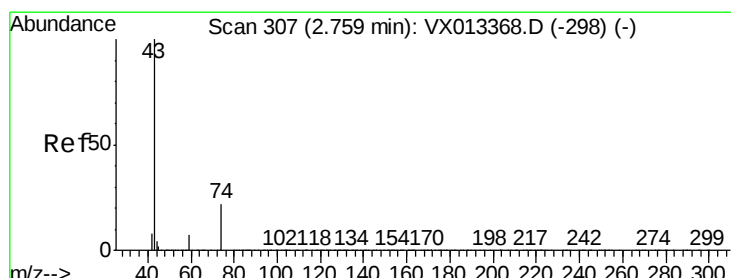
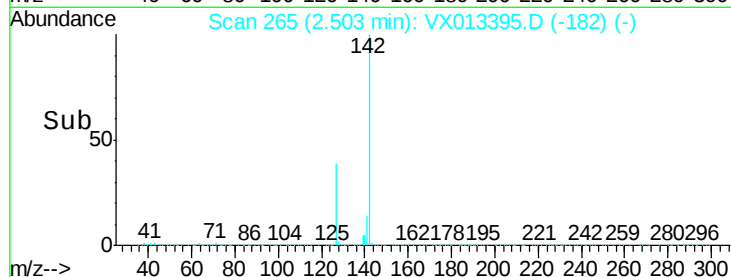
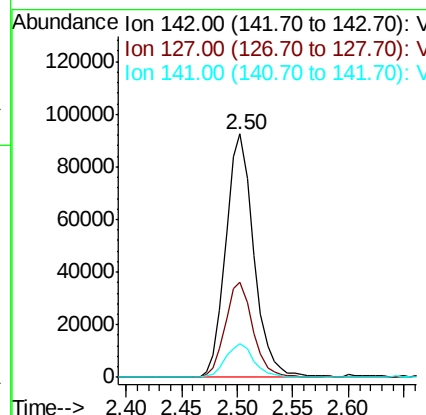
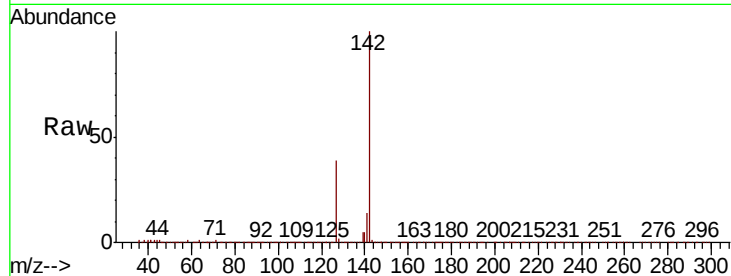
#11
Methyl Iodide
Concen: 17.618 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.7	19.1	57.5
141	13.8	7.0	21.0

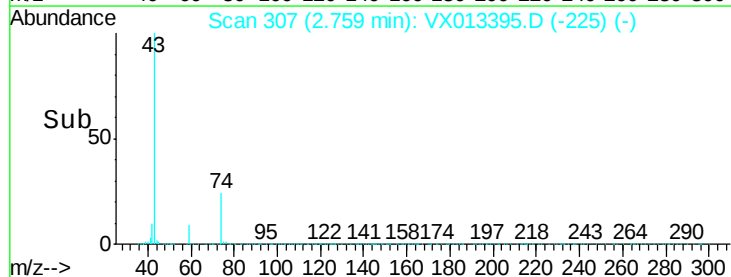
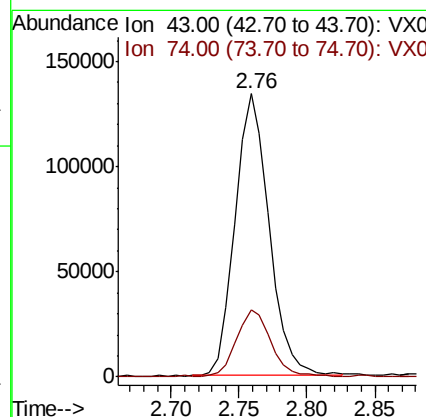
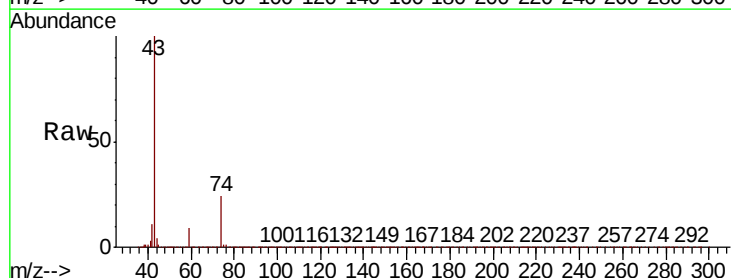
Manual Integrations
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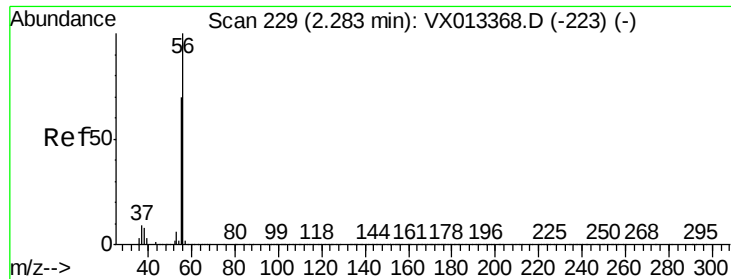
MMDadoda
11/13/2019 9:38:35 AM



#12
Methyl Acetate
Concen: 18.034 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.5	18.0	27.0





#13

Acrolein

Concen: 76.440 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 56 Resp: 105518

Ion Ratio Lower Upper

56 100

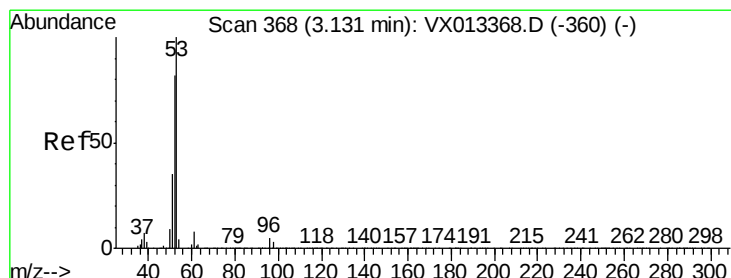
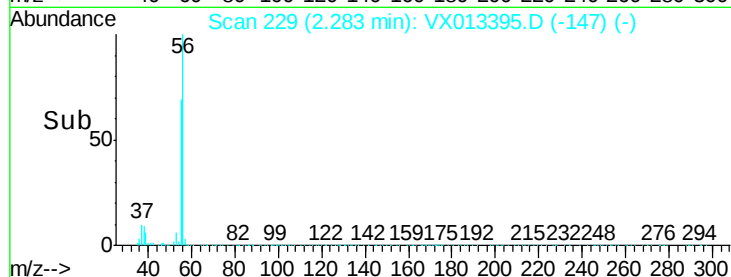
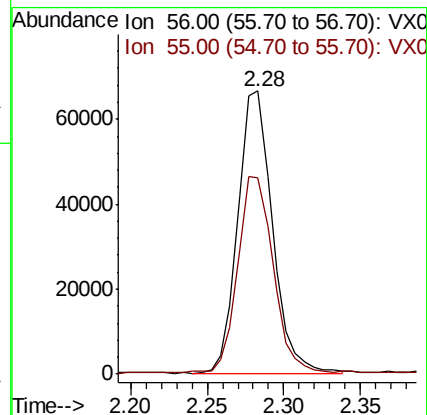
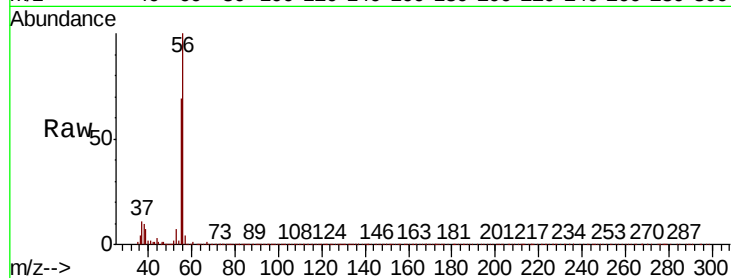
55 69.3 55.8 83.8

Manual Integrations

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#14

Acrylonitrile

Concen: 86.702 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

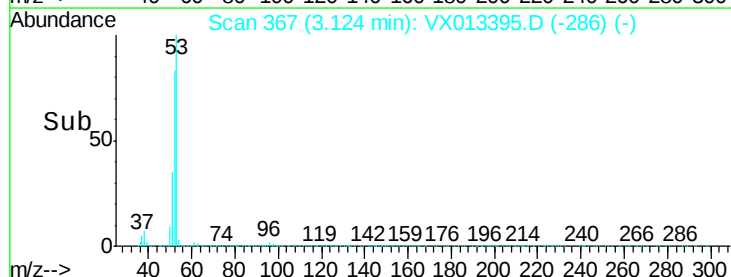
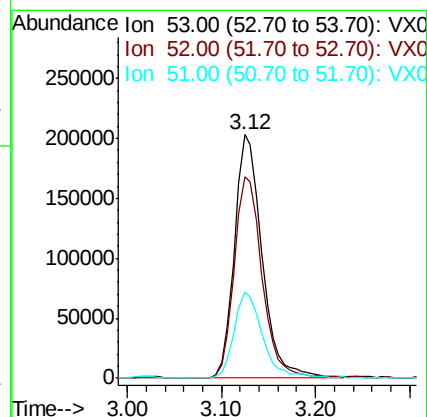
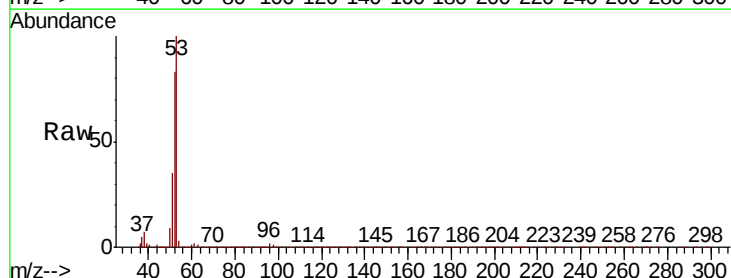
Tgt Ion: 53 Resp: 414323

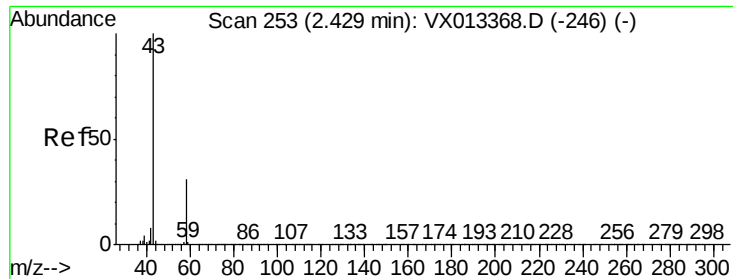
Ion Ratio Lower Upper

53 100

52 83.4 41.0 123.0

51 34.9 17.3 51.9





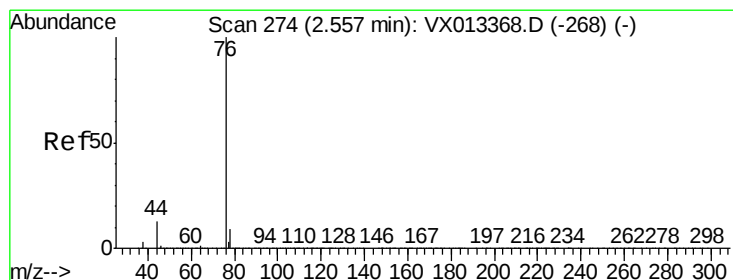
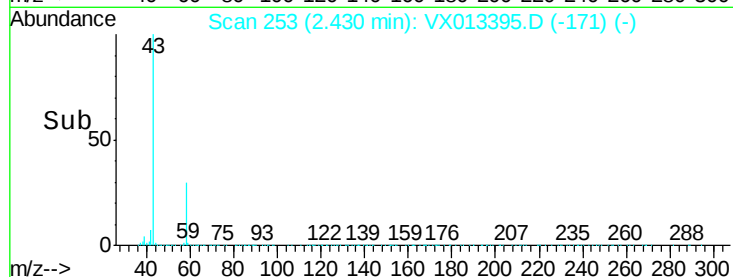
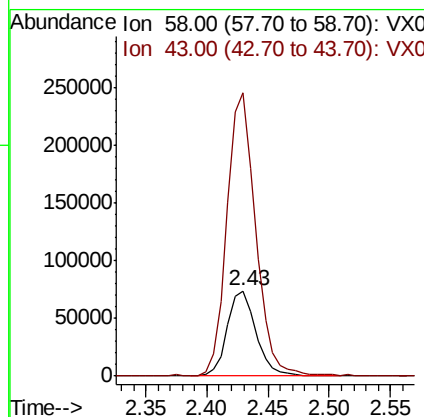
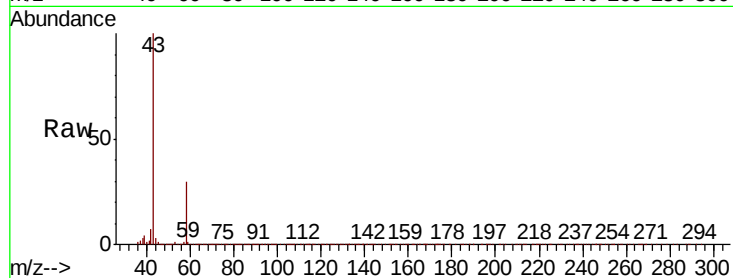
#15
Acetone
Concen: 82.906 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
58	100		
43	331.7	261.4	392.2

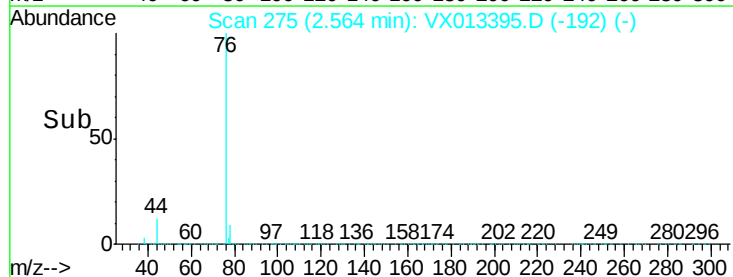
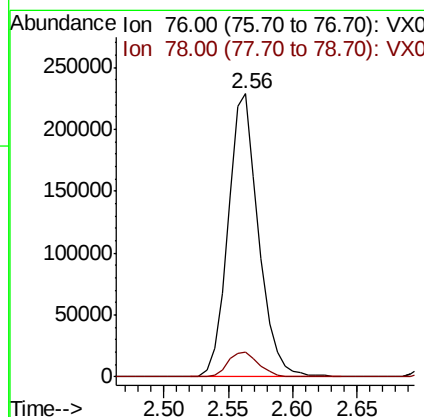
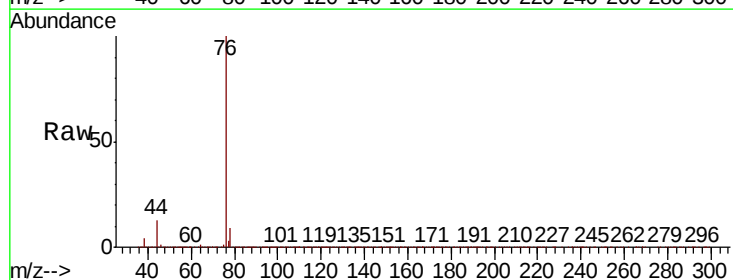
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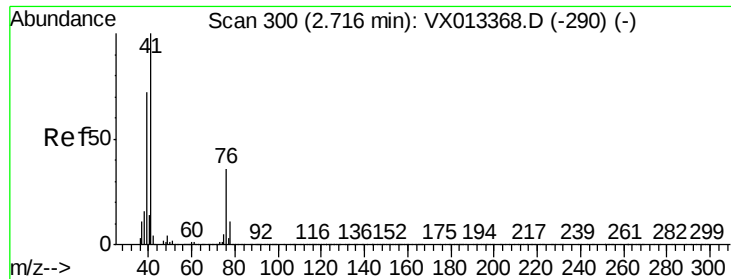
MMDadoda
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#16
Carbon Disulfide
Concen: 18.199 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0





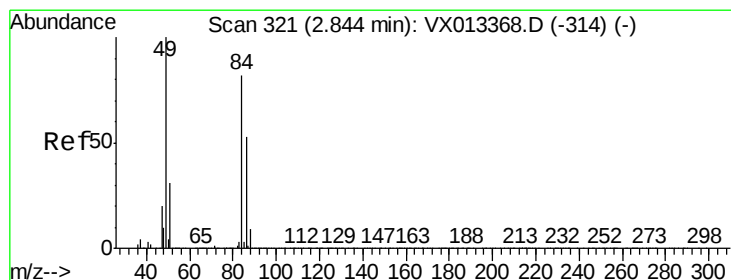
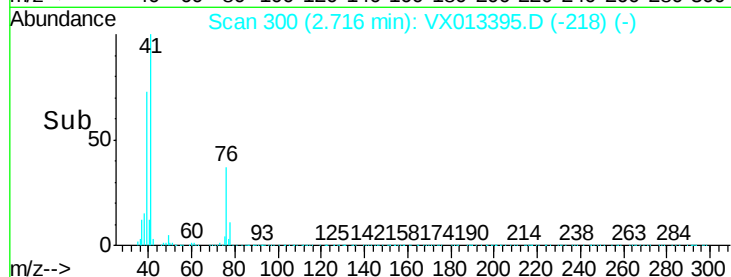
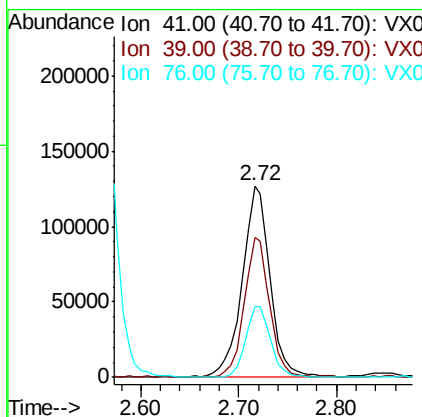
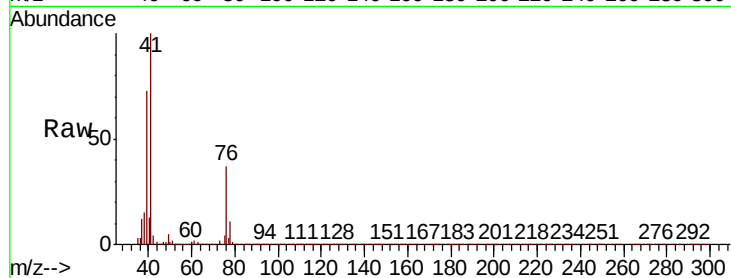
#17
Allvl chloride
Concen: 18.080 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.9	36.1	108.3
76	36.9	18.1	54.4

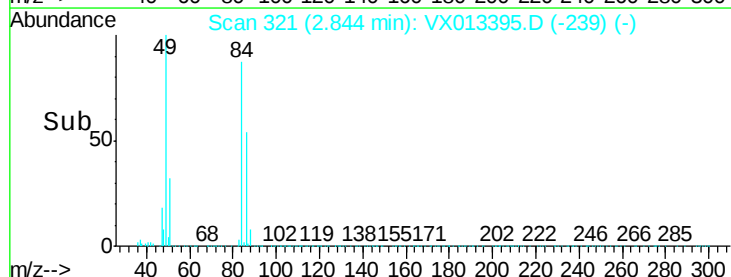
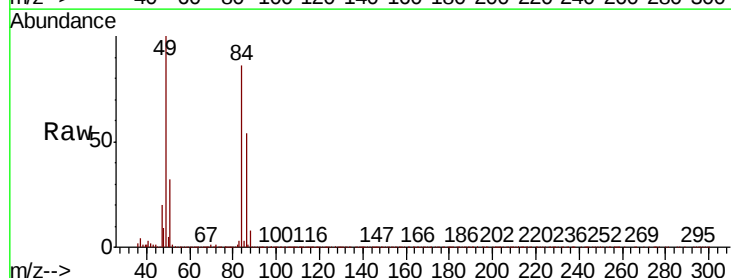
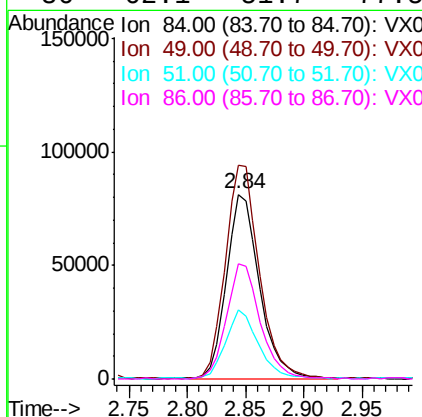
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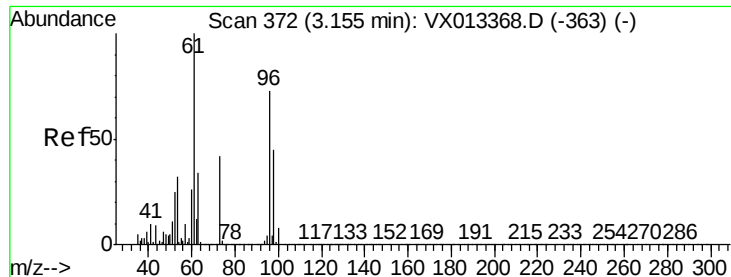
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#18
Methylene Chloride
Concen: 19.047 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.0	96.8	145.2
51	37.1	30.0	45.0
86	62.1	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.986 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

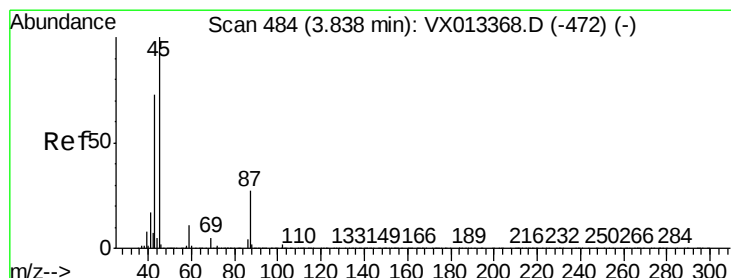
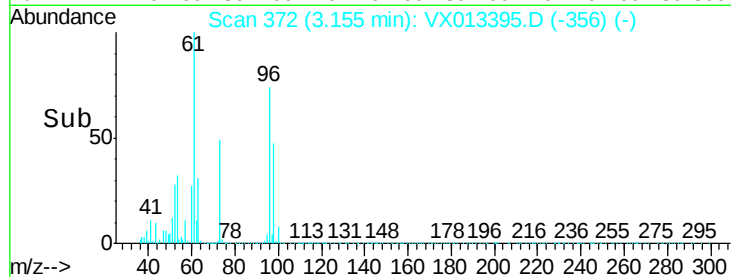
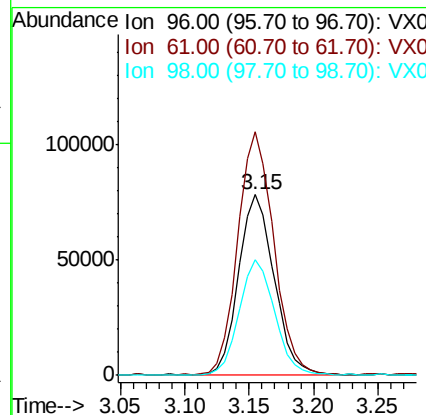
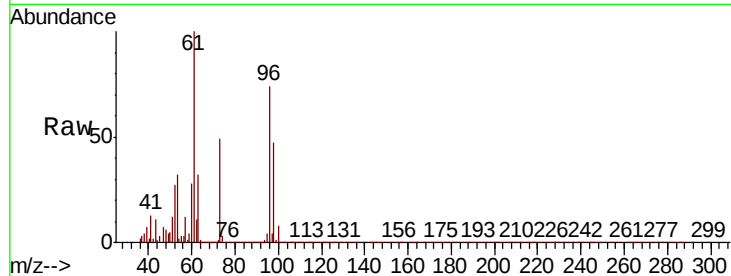
ClientSampleId :

VSTDCCC020EC

Tot Ion:	96	Resp:	150485
Ion Ratio	Lower	Upper	
96	100		
61	135.0	109.9	164.9
98	63.7	49.7	74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 18.861 ug/l

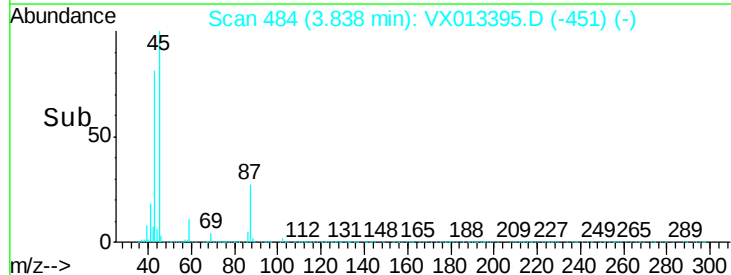
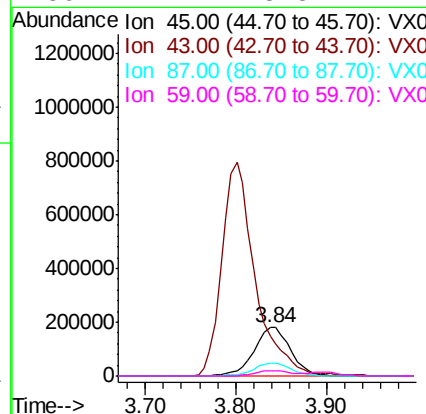
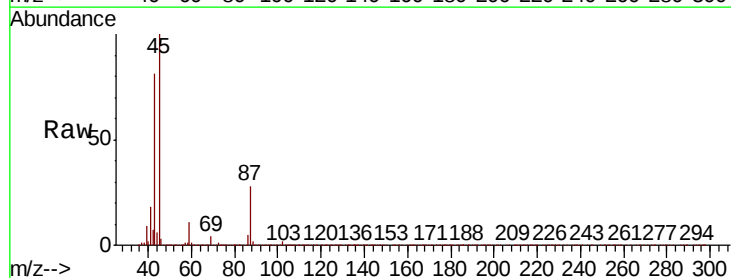
RT: 3.84 min Scan# 484

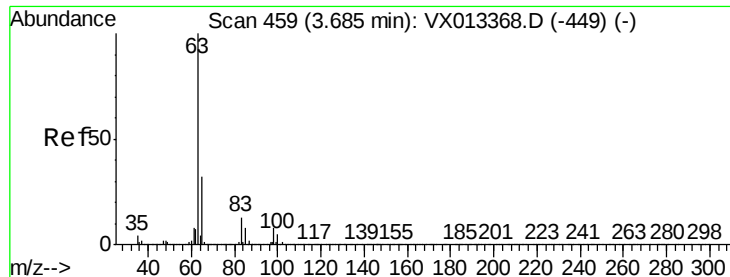
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	45	Resp:	495589
Ion Ratio	Lower	Upper	
45	100		
43	80.8	67.7	101.5
87	27.6	21.5	32.3
59	11.1	8.5	12.7





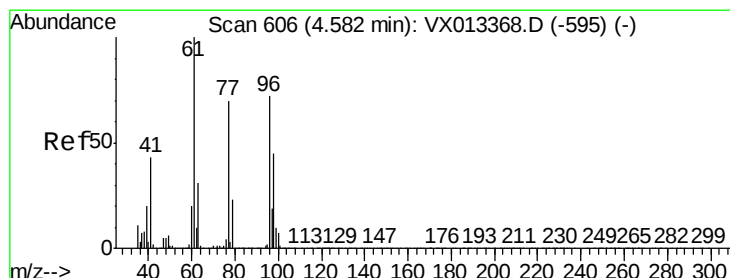
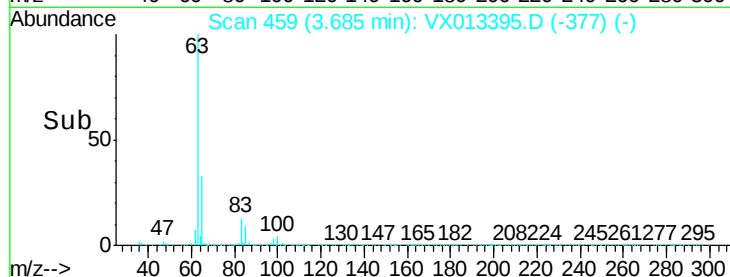
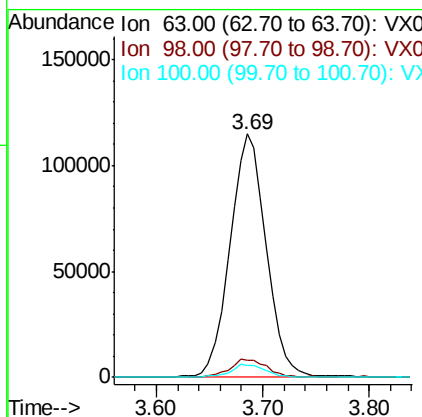
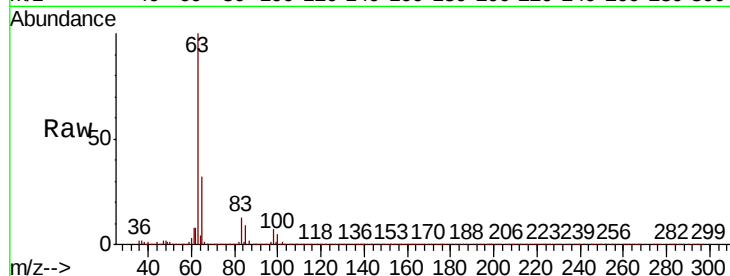
#21
1,1-Dichloroethane
Concen: 19.041 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		272496		
98	7.0	4.0	11.9		
100	4.9	2.5	7.5		

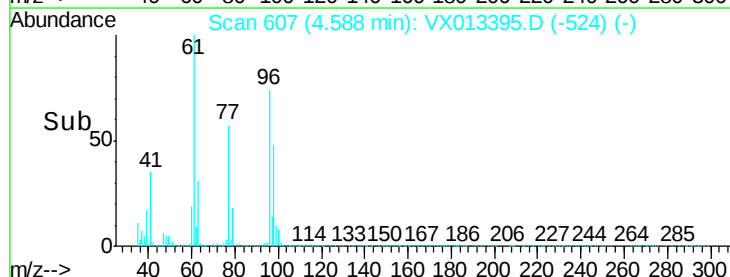
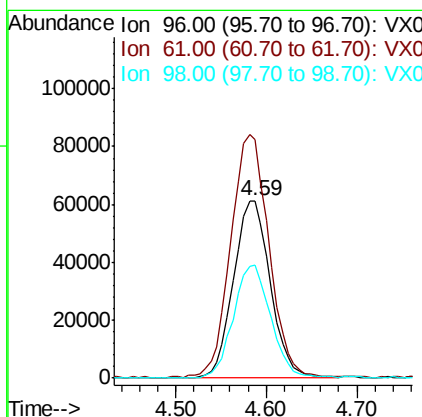
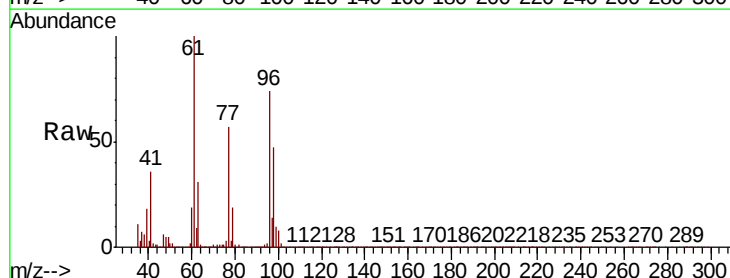
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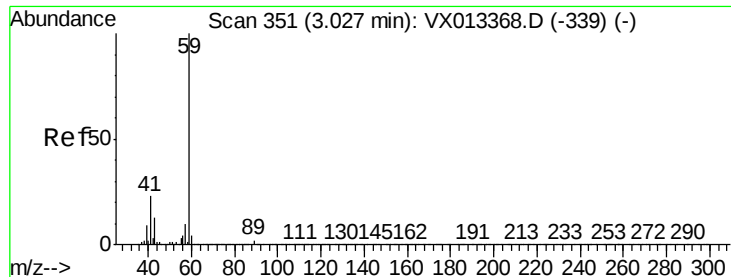
MMDadoda
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#22
cis-1,2-Dichloroethene
Concen: 19.042 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		172075		
61	141.9	117.0	175.6		
98	64.4	51.1	76.7		





#23

tert-Butyl Alcohol

Concen: 84.569 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 59 Resp: 194488

Ion Ratio Lower Upper

59 100

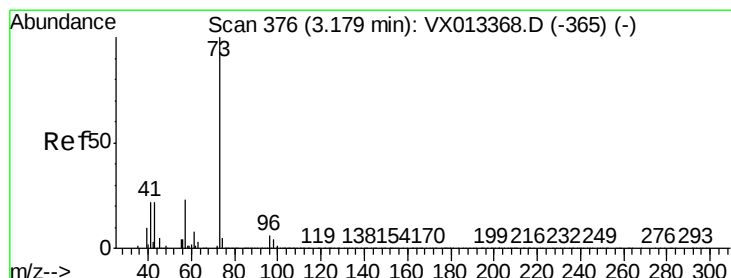
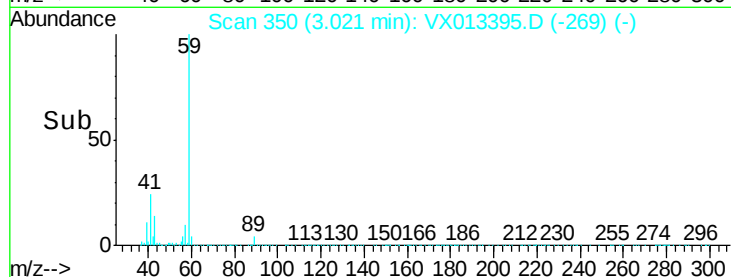
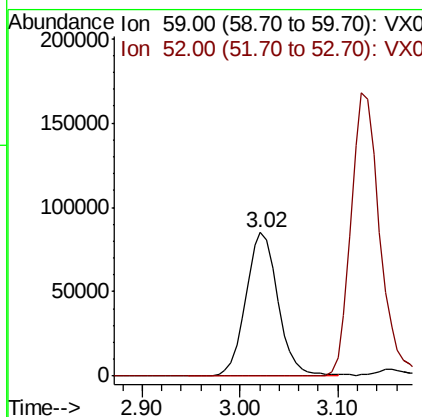
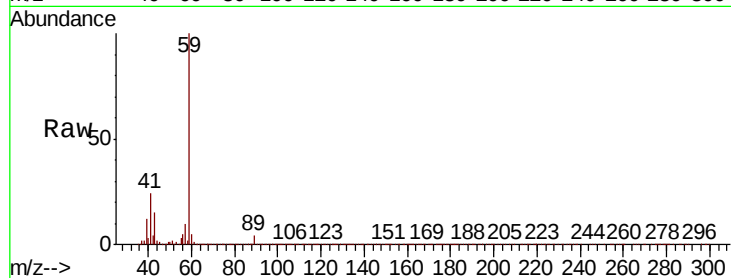
52 0.1 0.1 0.1#

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#24

Methyl tert-Butyl Ether

Concen: 18.762 ug/l

RT: 3.18 min Scan# 376

Delta R.T. 0.00 min

Lab File: VX013395.D

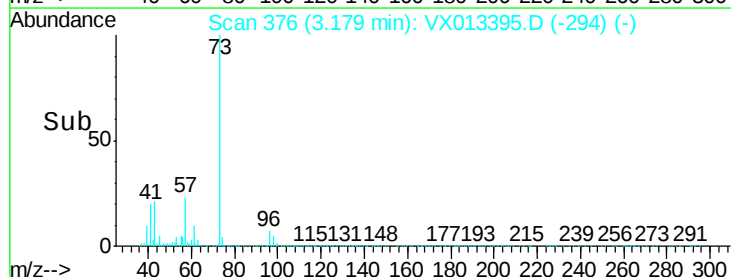
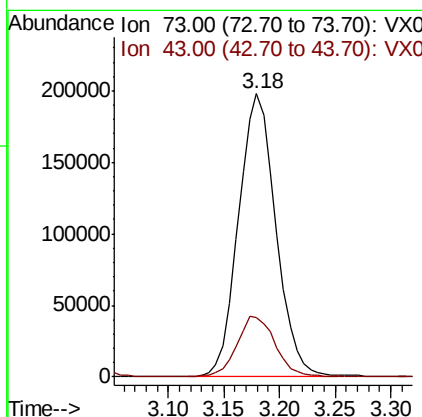
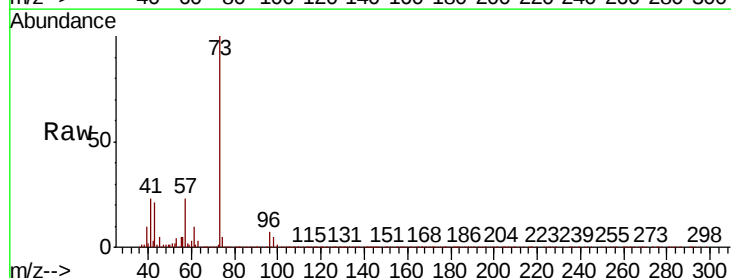
Acq: 12 Nov 2019 19:11

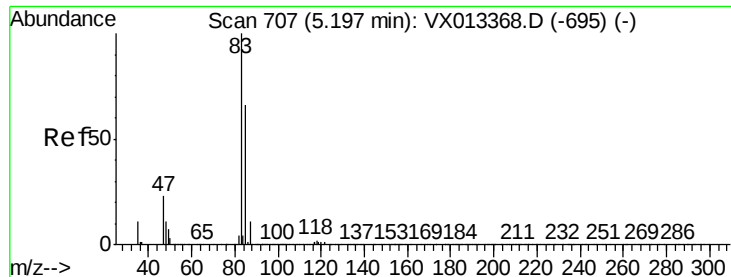
Tgt Ion: 73 Resp: 460514

Ion Ratio Lower Upper

73 100

43 21.4 17.0 25.6





#25

Chloroform

Concen: 19.192 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 83 Resp: 268854

Ion Ratio Lower Upper

83 100

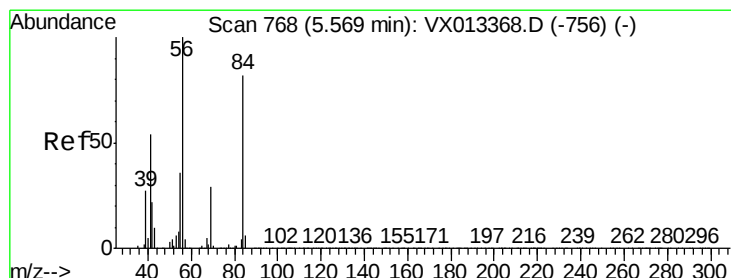
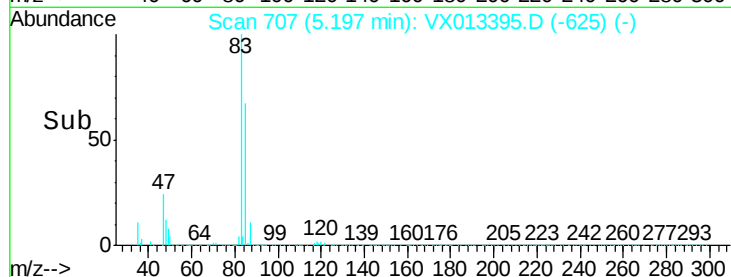
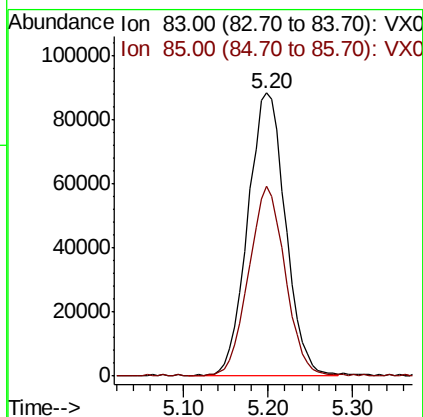
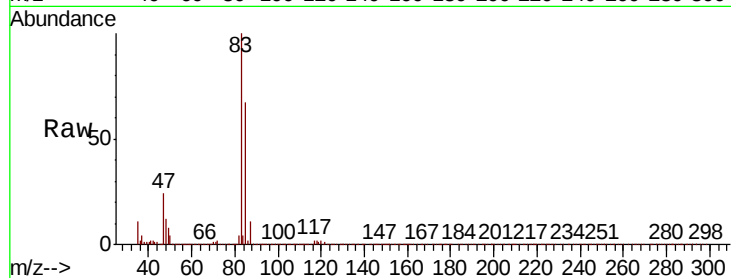
85 66.9 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 18.064 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

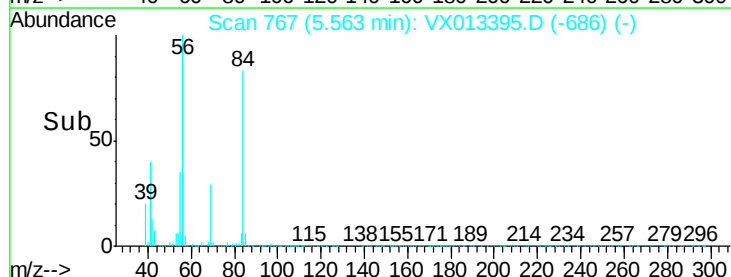
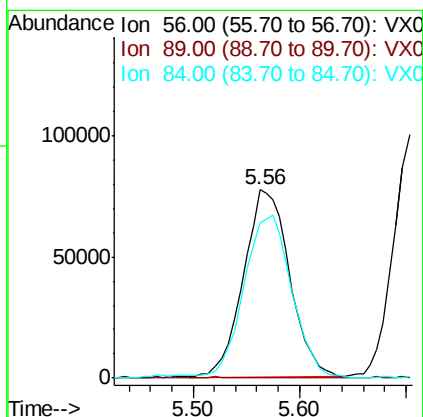
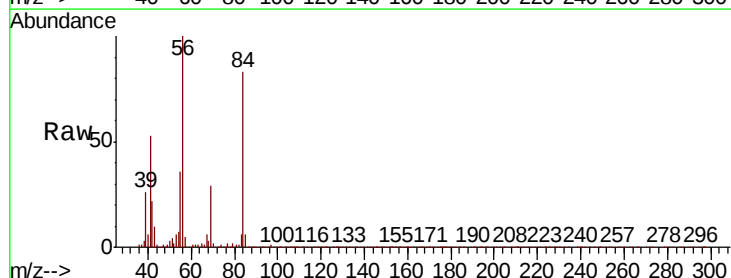
Tgt Ion: 56 Resp: 234770

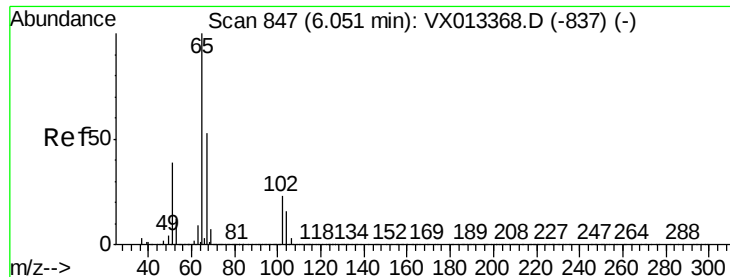
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 89.6 70.5 105.7





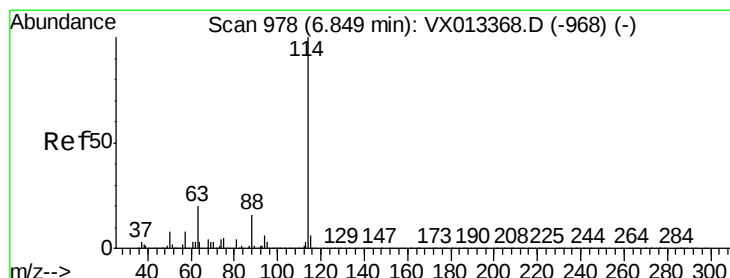
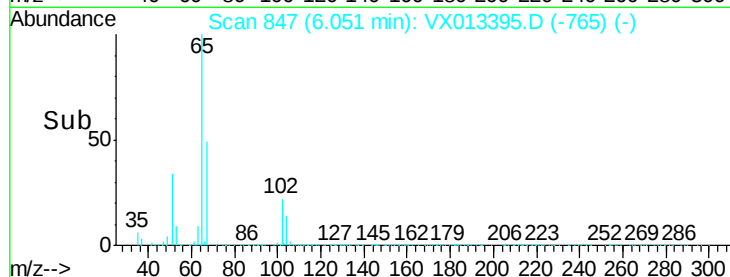
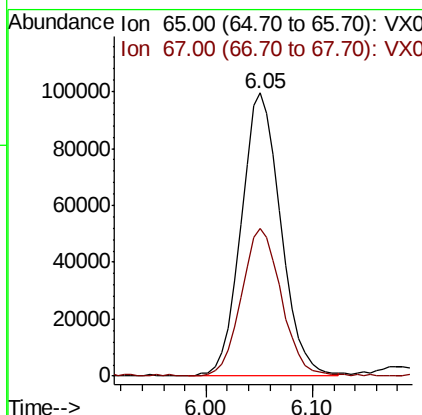
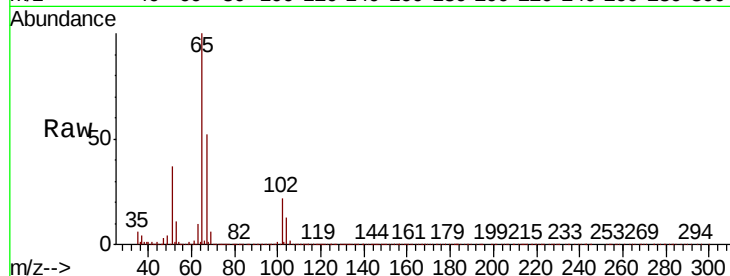
#27
 1,2-Dichloroethane-d4
 Concen: 29.135 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.0	61.6

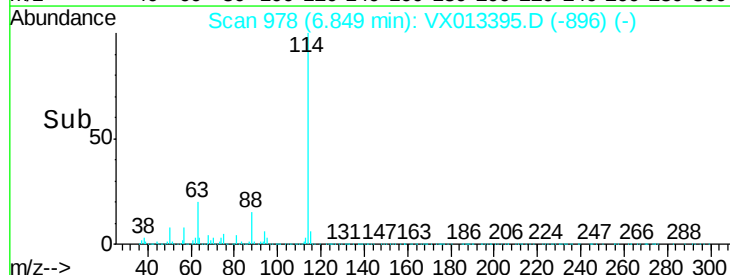
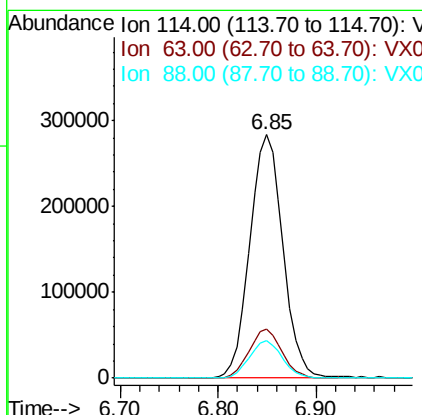
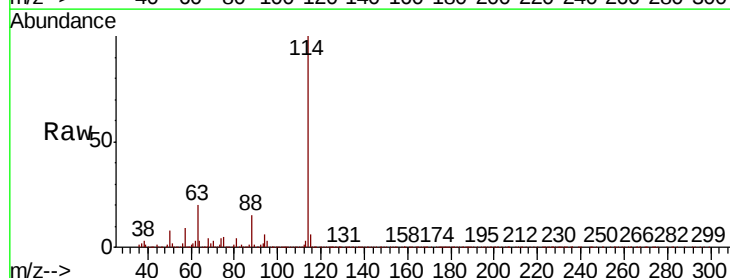
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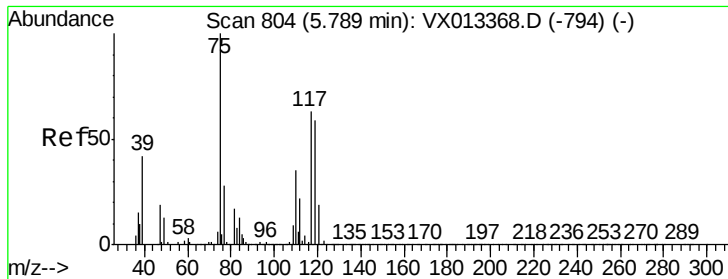
MMDadoda
 11/13/2019 9:38:35 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.2	16.1	24.1
88	15.2	12.3	18.5





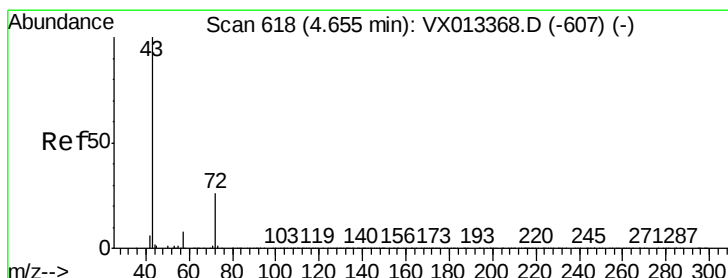
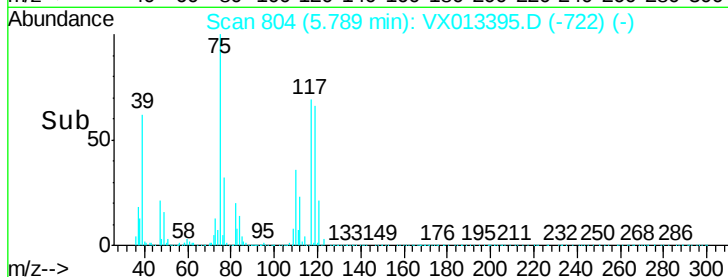
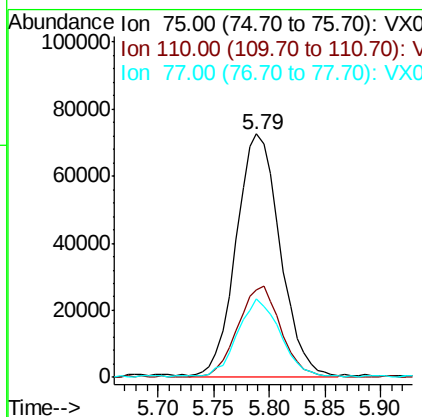
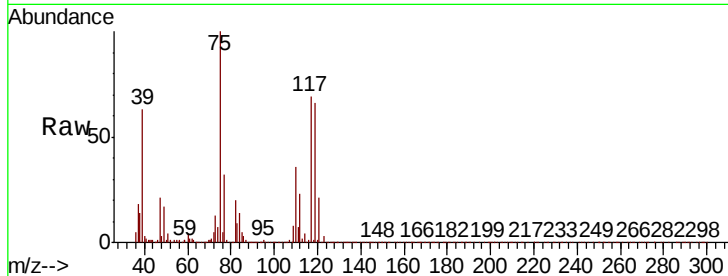
#29
 1,1-Dichloropropene
 Concen: 19.581 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	36.6	0.0	74.6
77	31.2	0.0	62.6

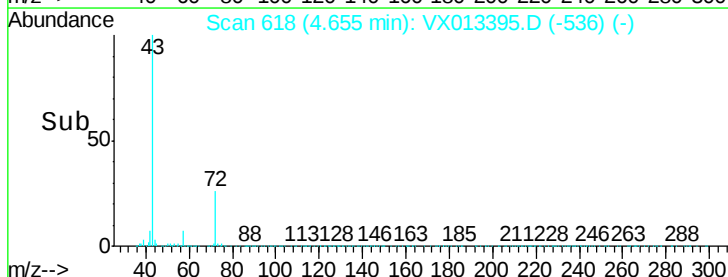
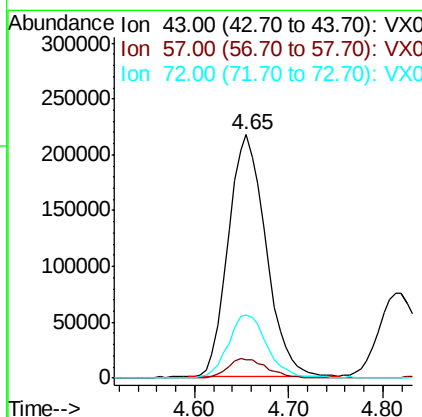
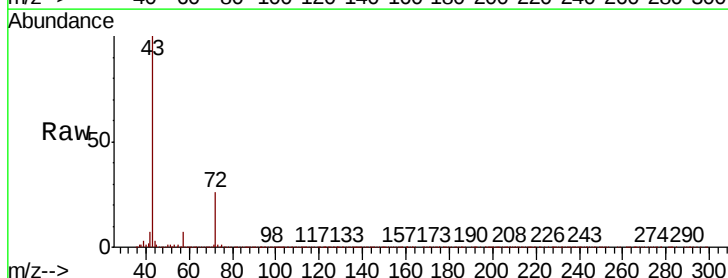
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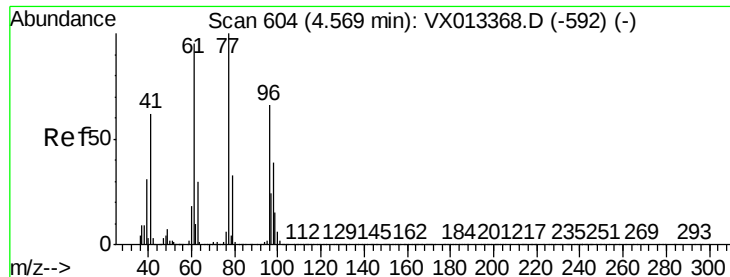
MMDadoda
 11/13/2019 9:38:35 AM



#30
 2-Butanone
 Concen: 90.152 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.1	9.1
72	26.0	20.5	30.7





#31

2,2-Dichloropropane

Concen: 18.709 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 77 Resp: 207013

Ion Ratio Lower Upper

77 100

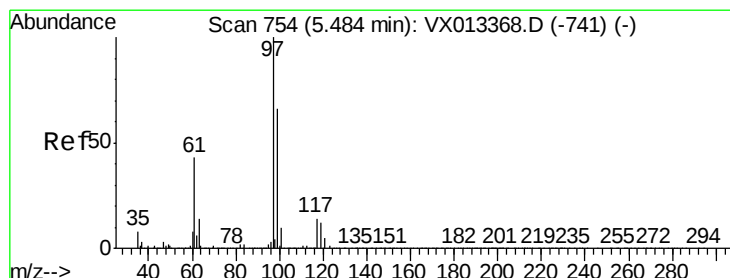
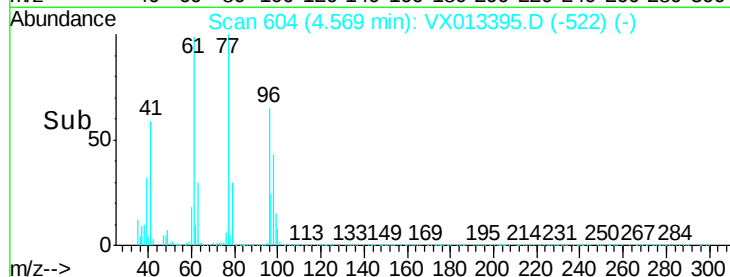
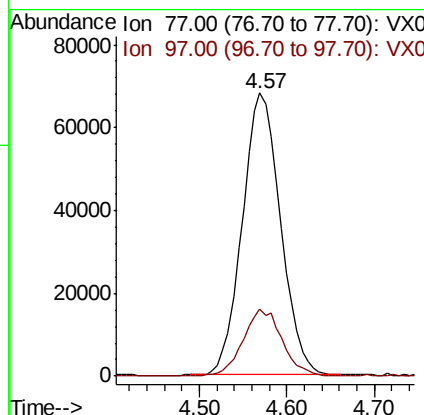
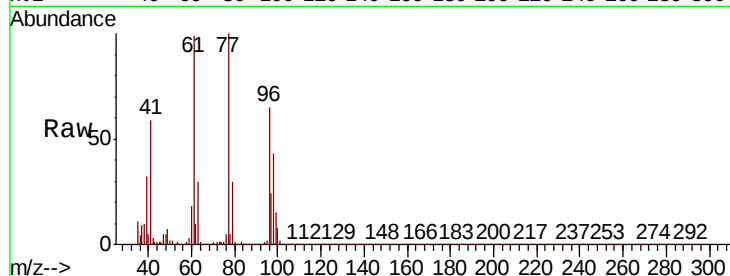
97 23.8 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 19.625 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

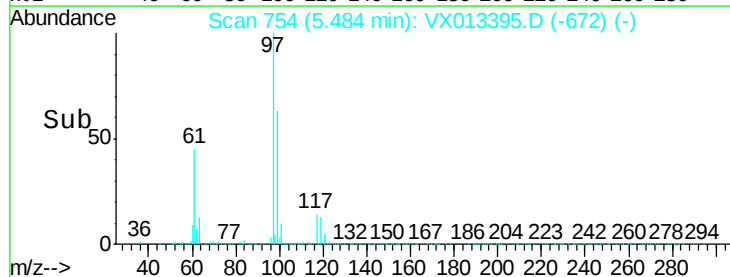
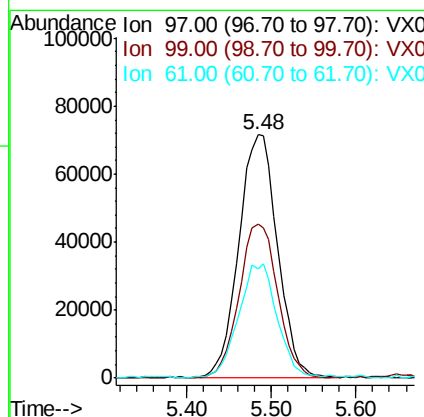
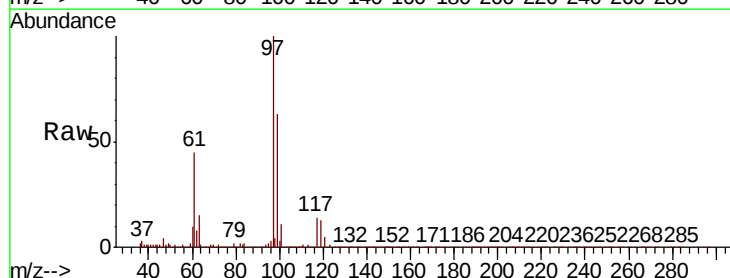
Tgt Ion: 97 Resp: 222865

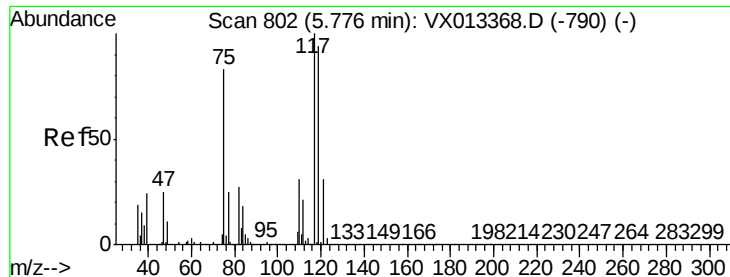
Ion Ratio Lower Upper

97 100

99 63.3 52.5 78.7

61 45.3 36.1 54.1





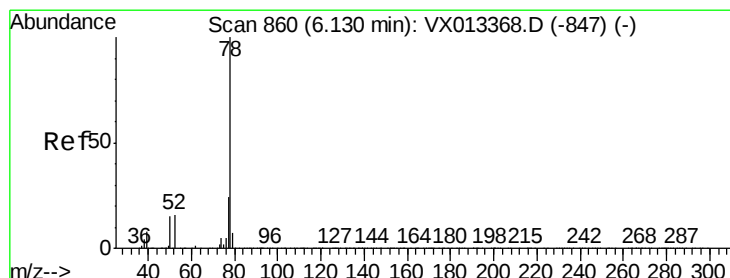
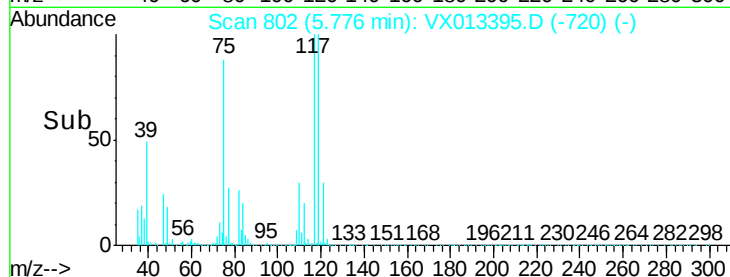
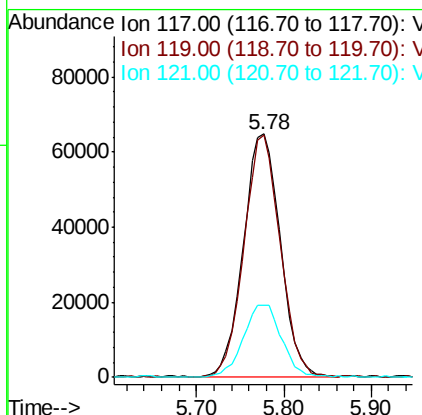
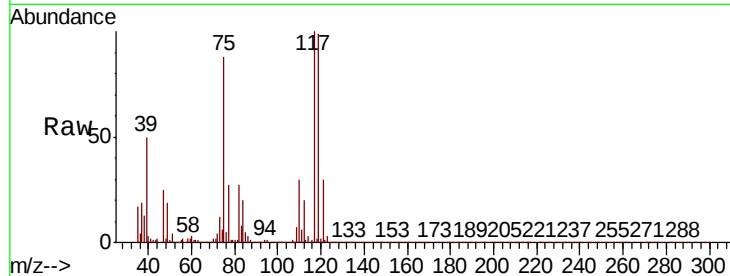
#33
Carbon Tetrachloride
Concen: 19.299 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.9	75.0	112.6
121	29.3	24.9	37.3

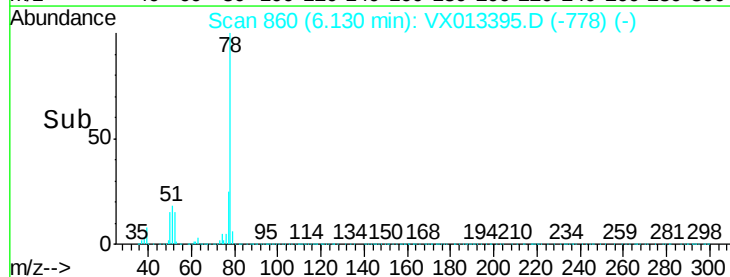
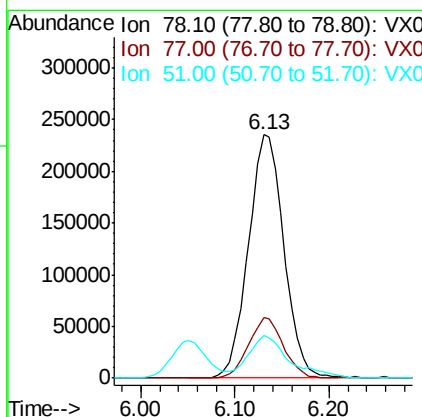
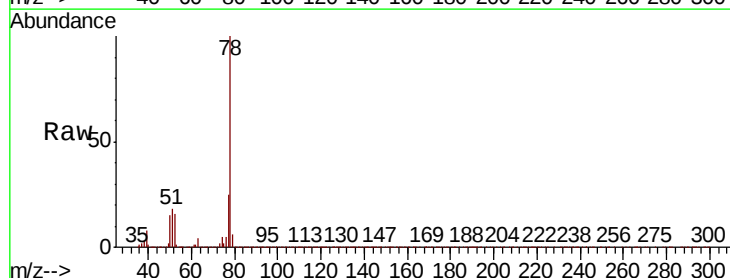
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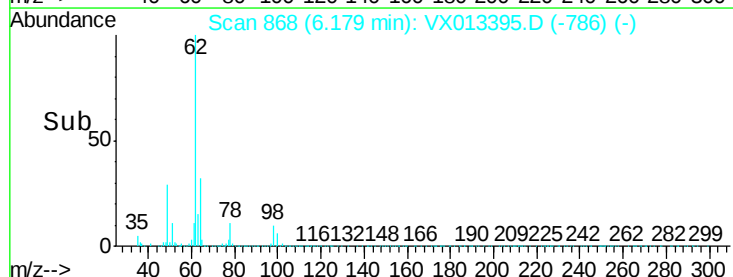
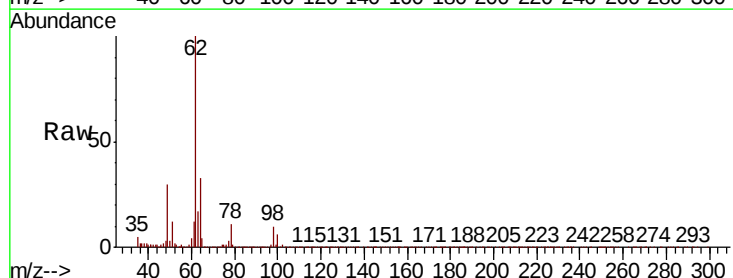
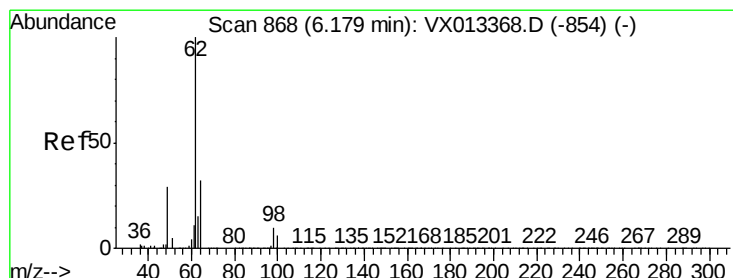
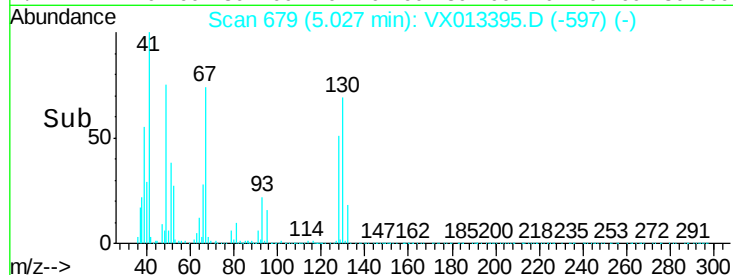
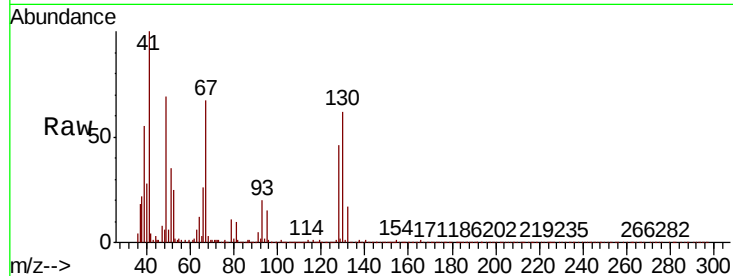
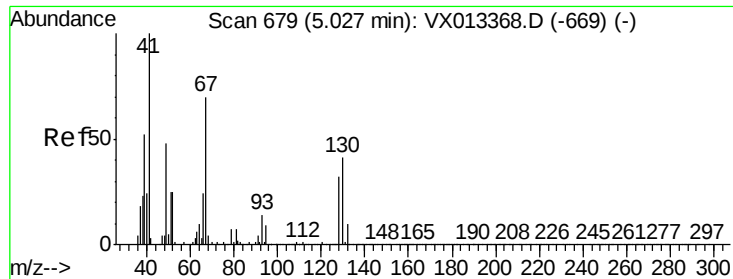
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#34
Benzene
Concen: 20.017 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

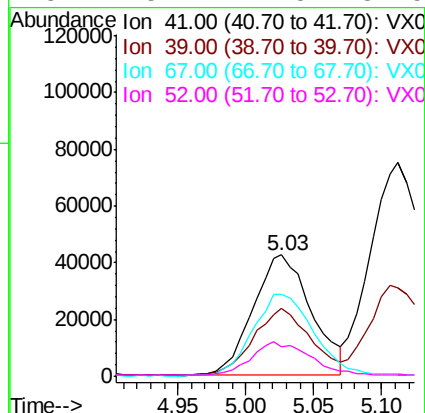
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.3	28.9
51	16.7	12.2	18.4





#35
Methacrylonitrile
Concen: 18.946 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.1	25.9	77.8
67	66.9	35.1	105.5
52	23.4	12.5	37.5



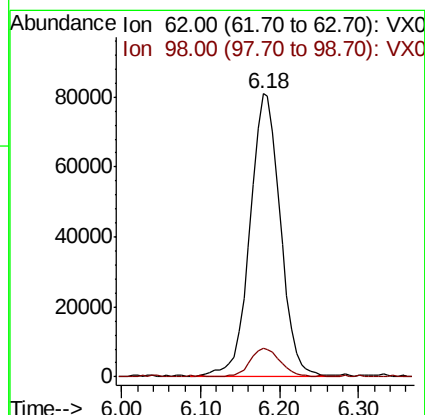
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

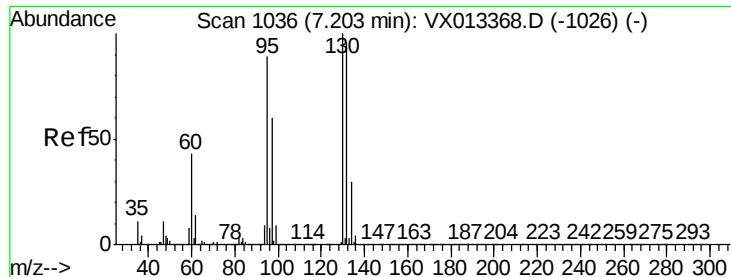
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#36
1,2-Dichloroethane
Concen: 19.904 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	8.2	12.2





#37

Trichloroethene

Concen: 19.667 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:130 Resp: 163277

Ion Ratio Lower Upper

130 100

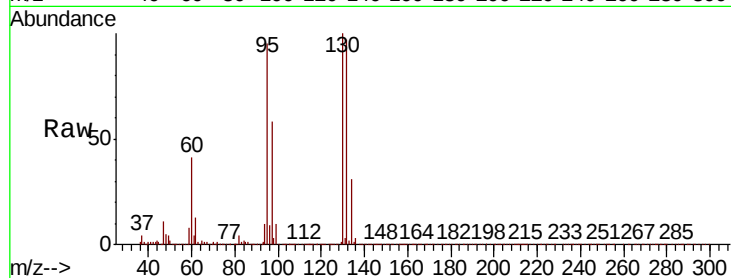
95 94.4 71.3 106.9

Manual Integrations

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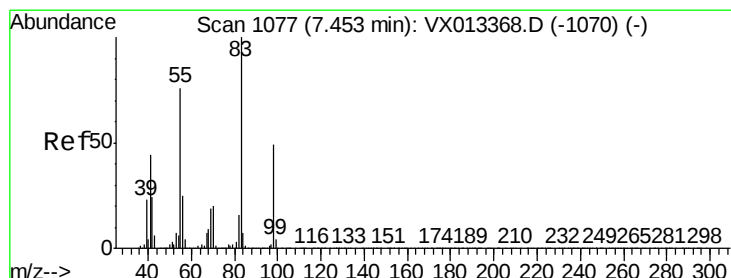
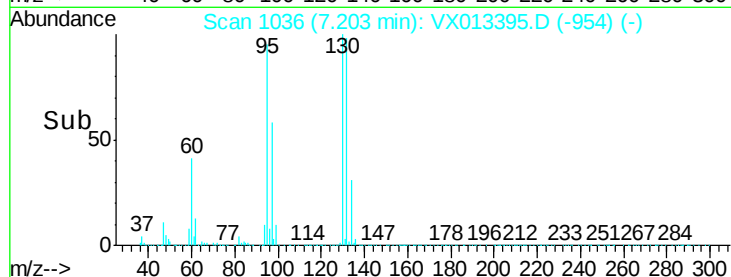
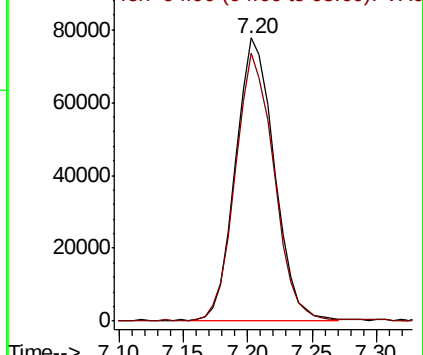
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.250 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

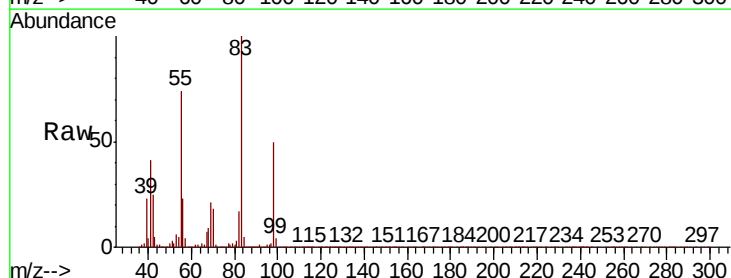
Tgt Ion: 83 Resp: 241148

Ion Ratio Lower Upper

83 100

55 76.2 37.9 113.7

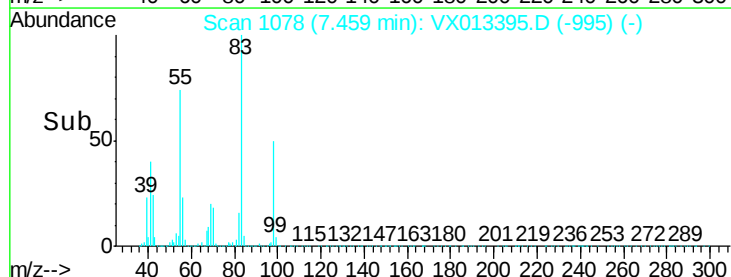
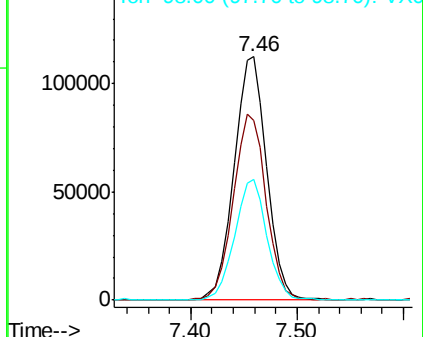
98 48.7 25.1 75.3

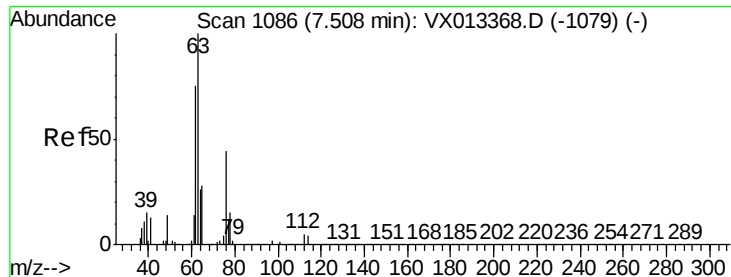


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





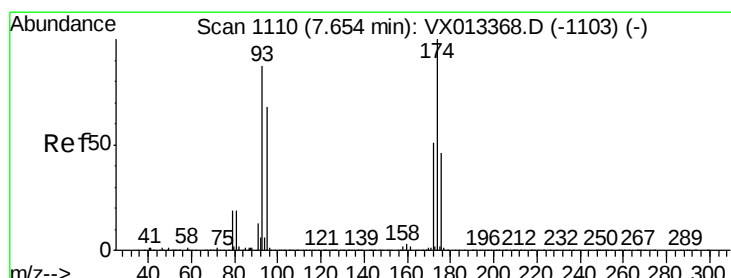
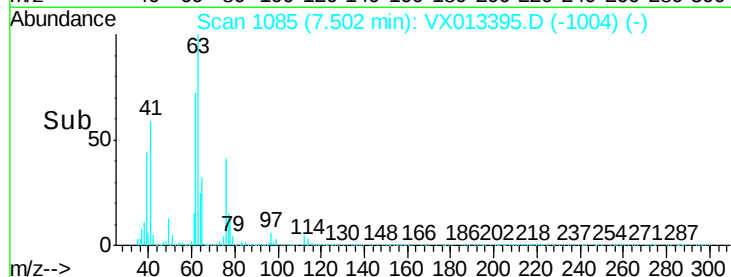
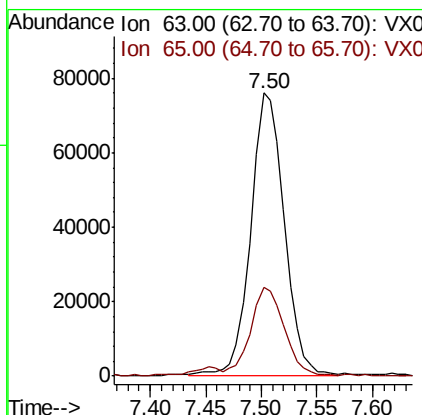
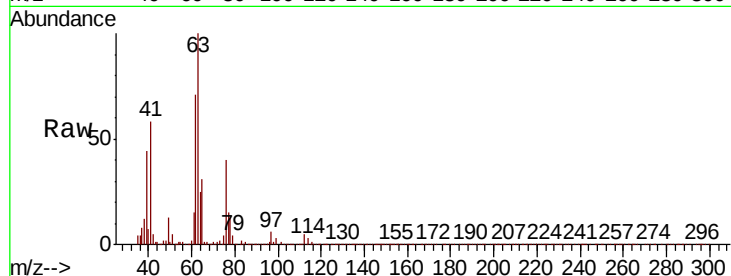
#39
 1,2-Dichloropropane
 Concen: 19.780 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.2	23.8	35.8

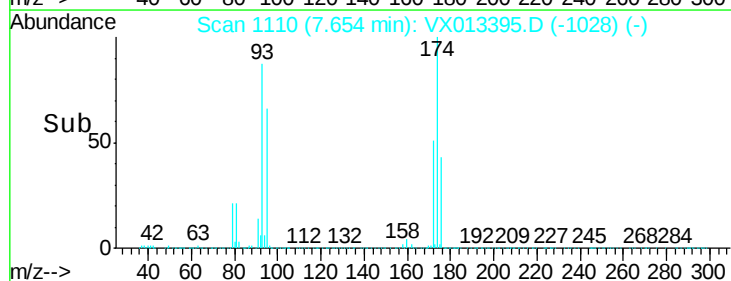
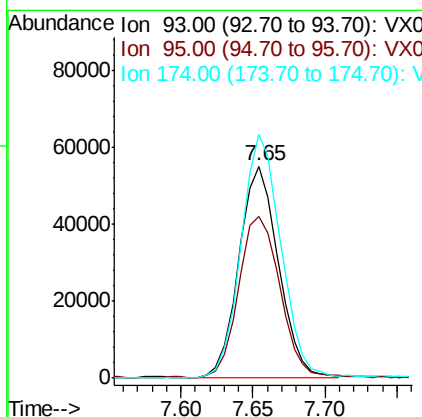
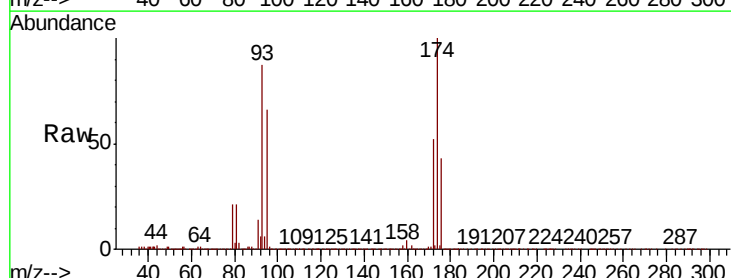
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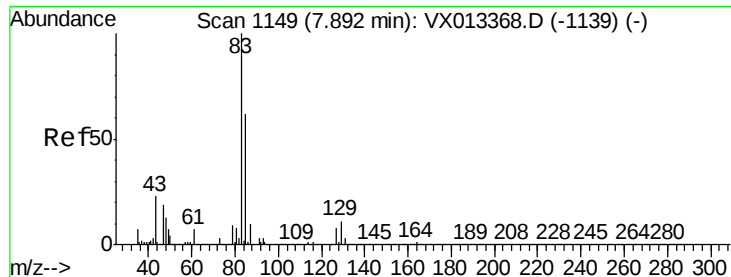
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#40
 Dibromomethane
 Concen: 19.660 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
93	100		
95	80.3	0.0	160.8
174	115.5	0.0	228.8





#41

Bromodichloromethane

Concen: 19.027 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

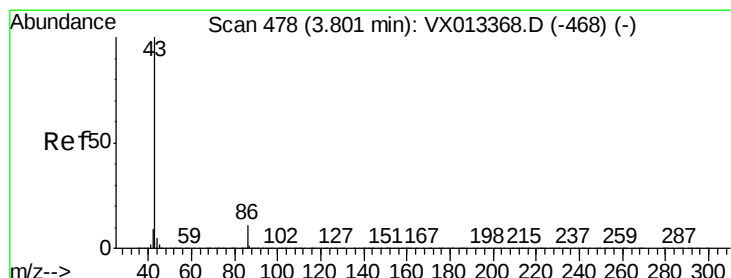
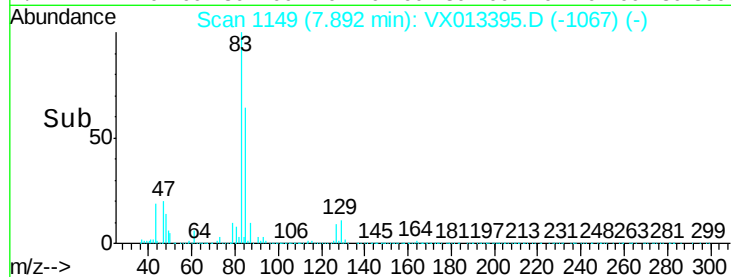
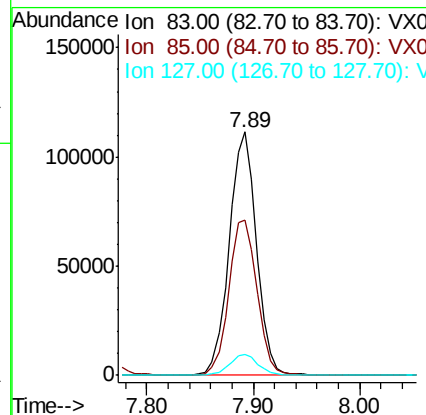
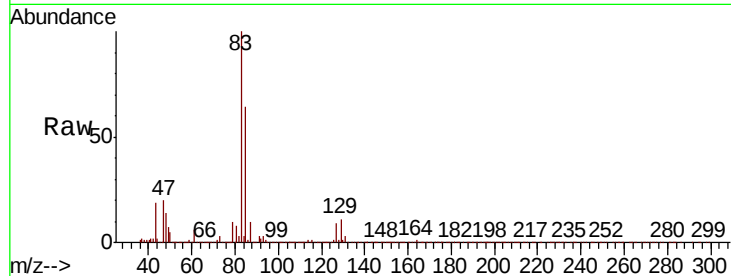
ClientSampleId :

VSTDCCC020EC

Tot Ion	83	Resp	198069
Ion Ratio	Lower	Upper	
83	100		
85	63.7	49.3	73.9
127	8.7	6.6	10.0

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#42

Vinyl Acetate

Concen: 96.659 ug/l

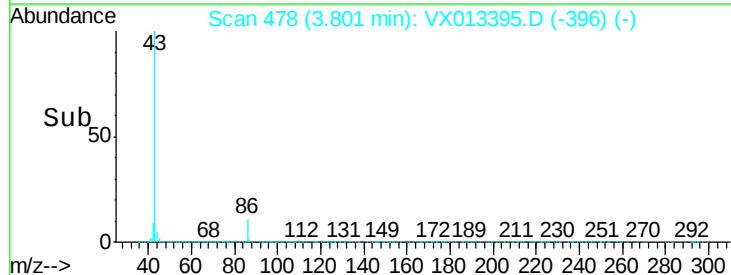
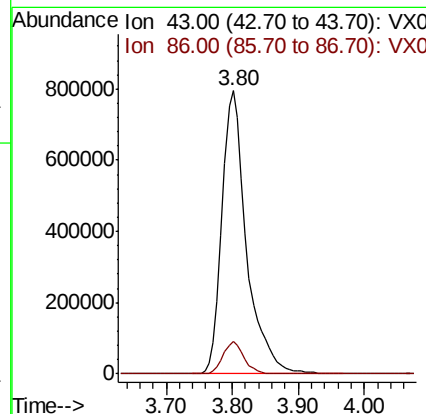
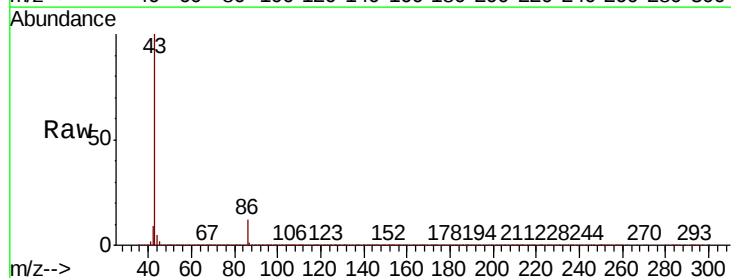
RT: 3.80 min Scan# 478

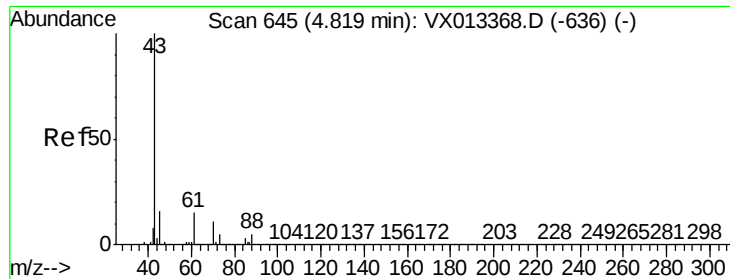
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion	43	Resp	2052234
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





#43

Ethyl Acetate

Concen: 18.121 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion: 43 Resp: 222879

Ion Ratio Lower Upper

43 100

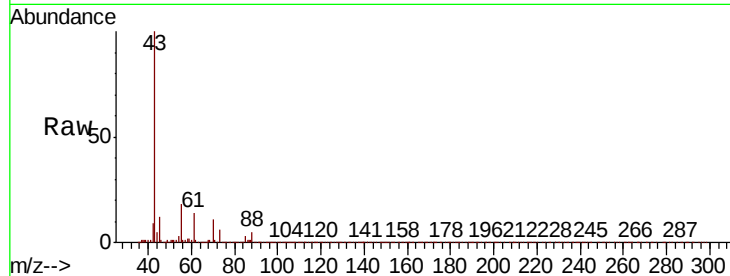
45 15.0 10.9 16.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

100000

80000

60000

40000

20000

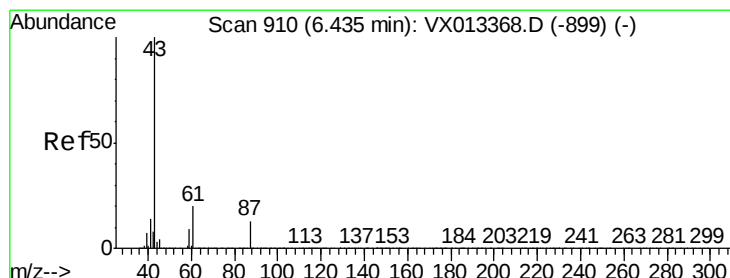
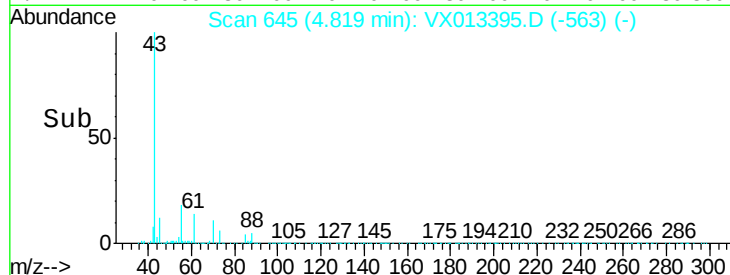
0

4.70

4.80

4.90

Time-->



#44

Isopropyl Acetate

Concen: 18.558 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013395.D

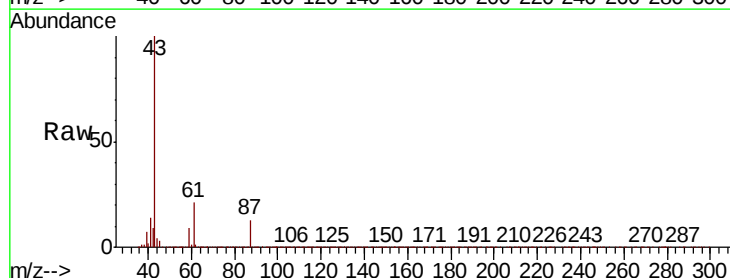
Acq: 12 Nov 2019 19:11

Tgt Ion: 43 Resp: 366908

Ion Ratio Lower Upper

43 100

61 20.6 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

50000

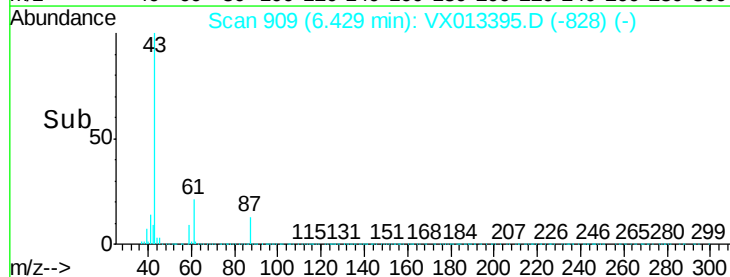
0

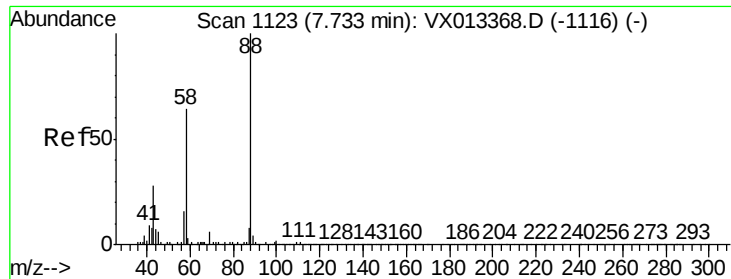
6.30

6.40

6.50

Time-->





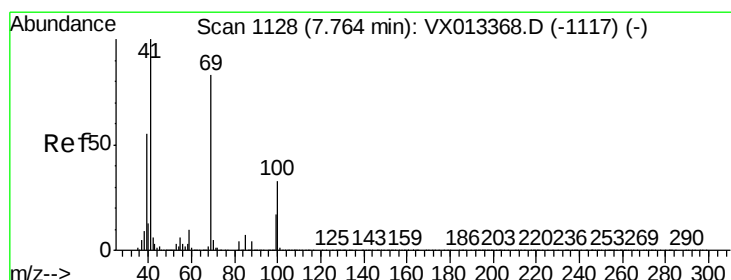
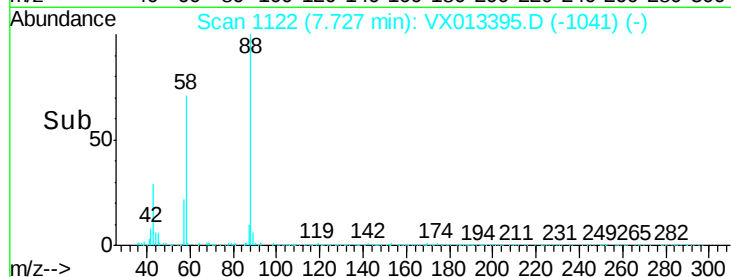
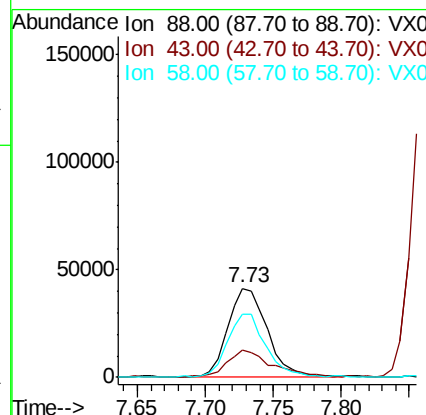
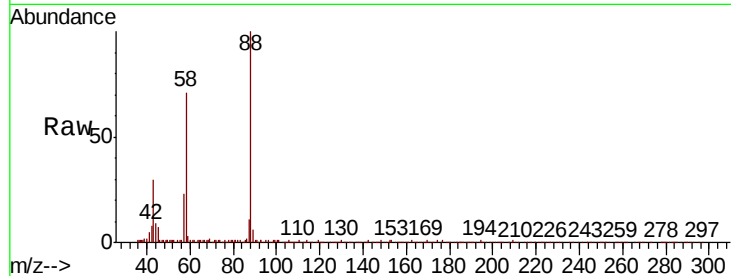
#45
1,4-Dioxane
Concen: 369.223 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	88	Resp	80594
Ion Ratio	Lower	Upper	
88	100		
43	32.7	26.1	39.1
58	70.4	55.8	83.8

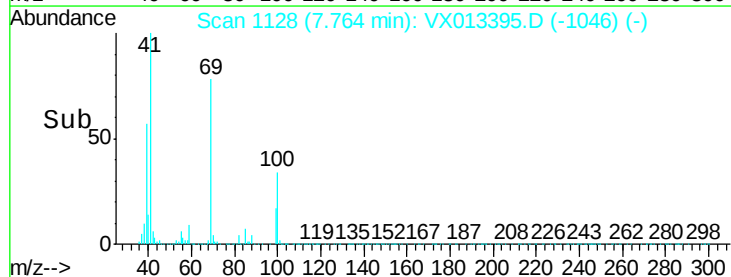
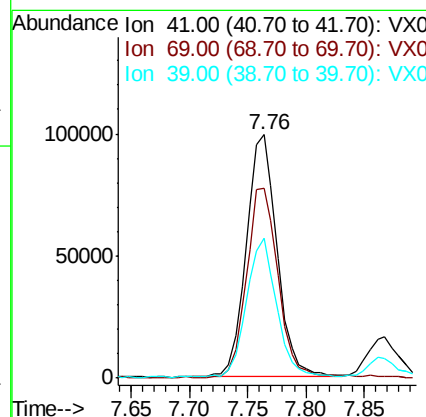
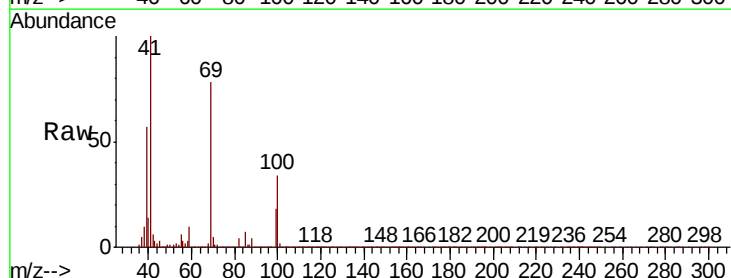
Manual Integrations
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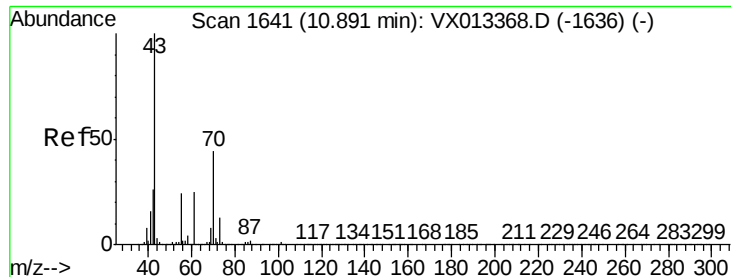
MMDadoda
11/13/2019 9:38:35 AM



#46
Methyl methacrylate
Concen: 18.648 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	41	Resp	183395
Ion Ratio	Lower	Upper	
41	100		
69	78.2	41.4	124.4
39	57.1	27.9	83.6





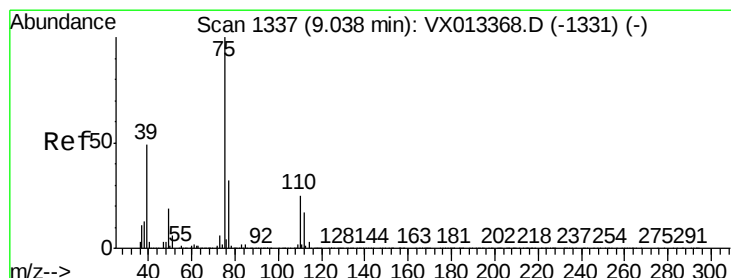
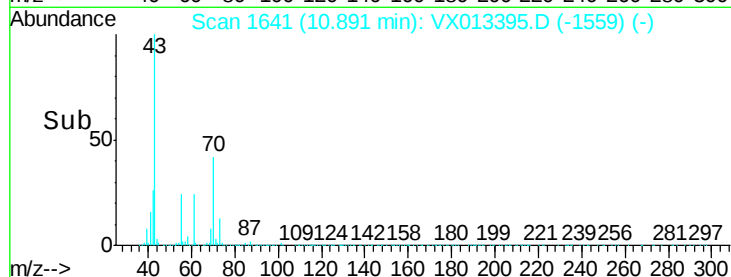
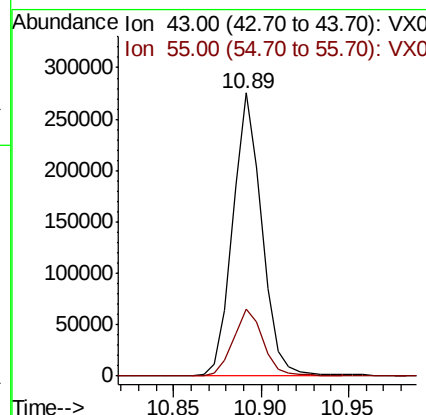
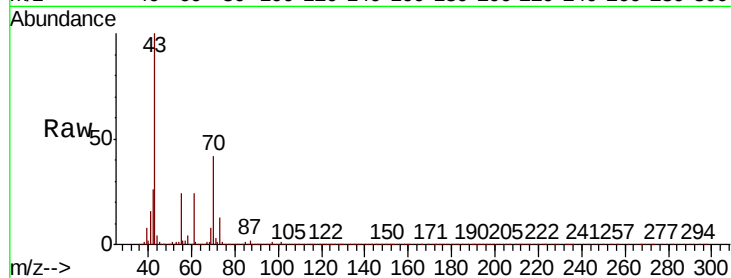
#47
n-amvl Acetate
Concen: 18.282 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 43 Resp: 317051
Ion Ratio Lower Upper
43 100
55 24.1 19.0 28.4

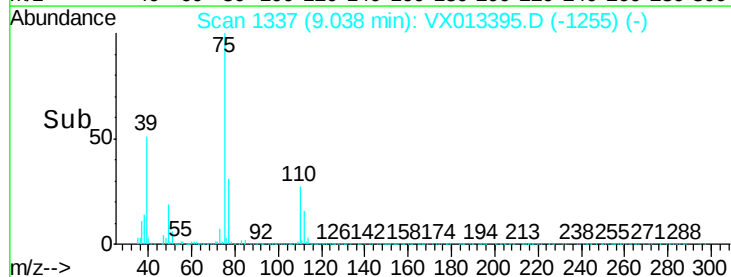
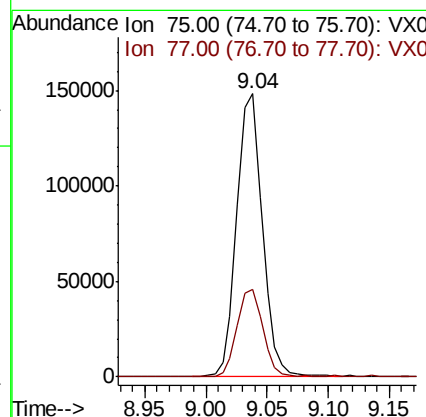
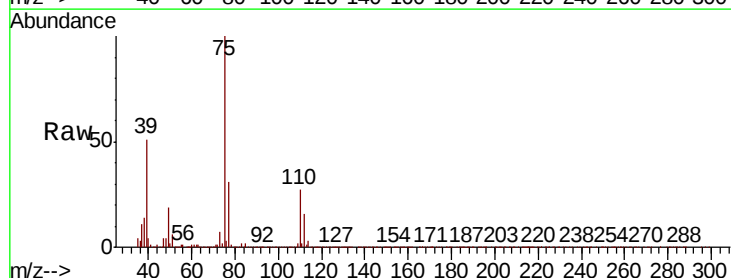
Manual Integrations
APPROVED

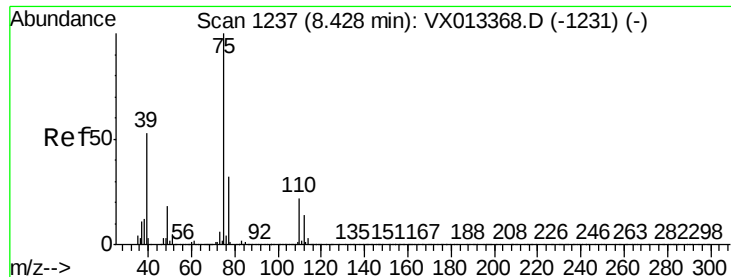
MMDadoda
11/13/2019 9:38:35 AM



#48
t-1,3-Dichloropropene
Concen: 18.349 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 75 Resp: 214191
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9





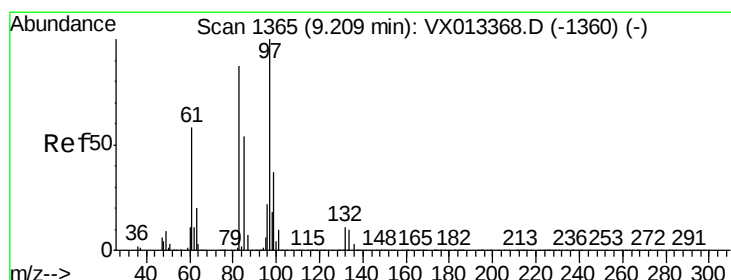
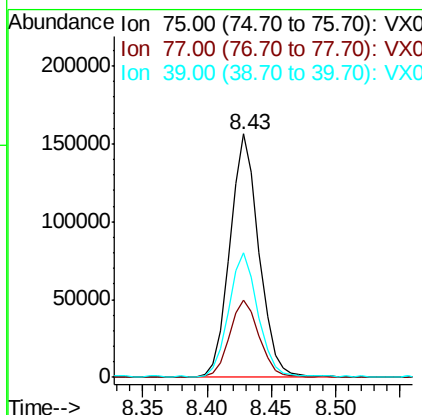
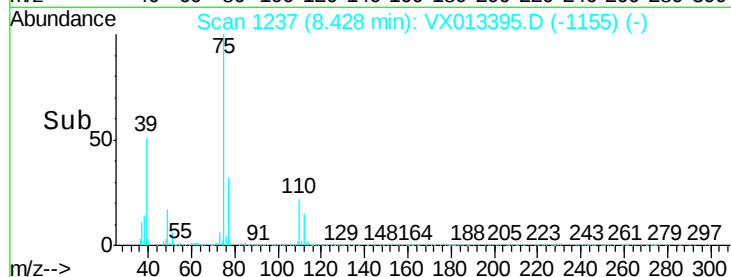
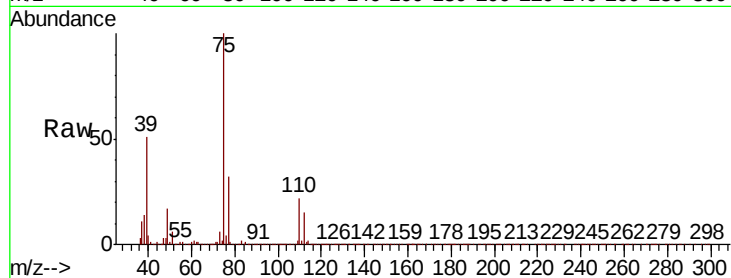
#49
 cis-1,3-Dichloropropene
 Concen: 19.208 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.8	38.8
39	51.0	42.2	63.4

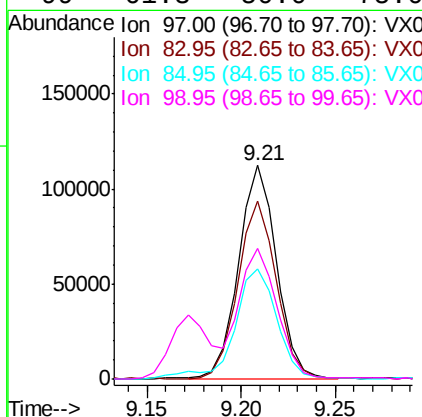
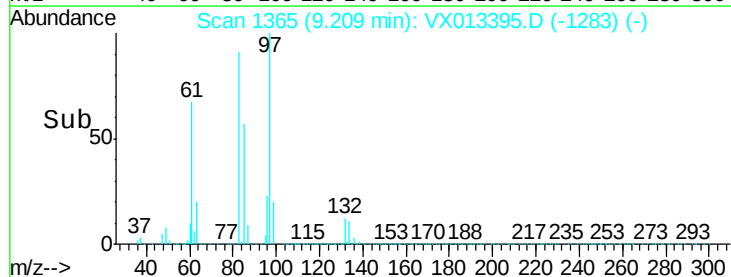
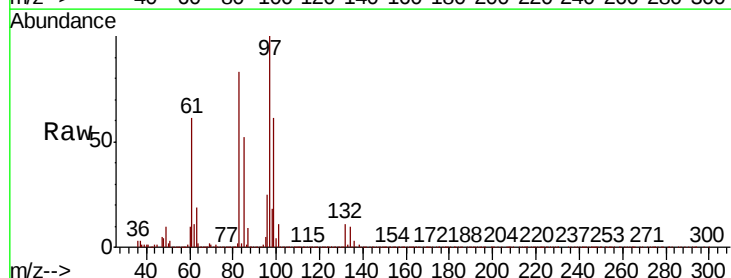
Manual Integrations
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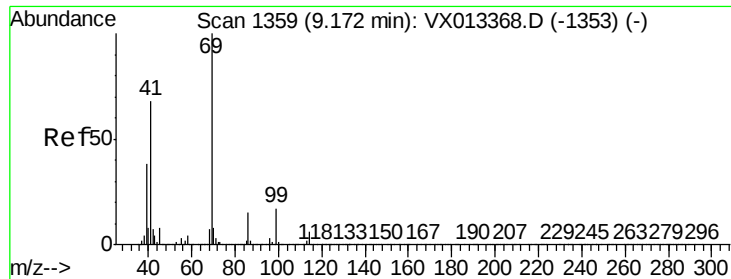
MMDadoda
 11/13/2019 9:38:35 AM



#50
 1,1,2-Trichloroethane
 Concen: 19.939 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.3	69.6	104.4
85	51.6	45.5	68.3
99	61.3	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.952 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

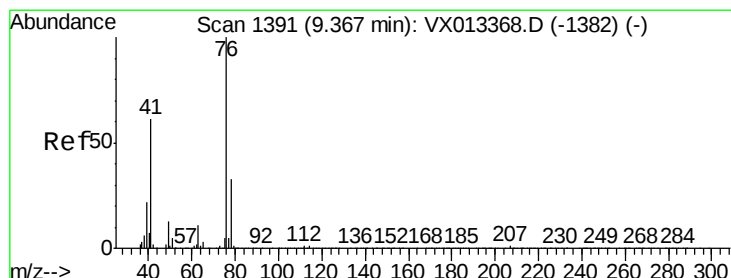
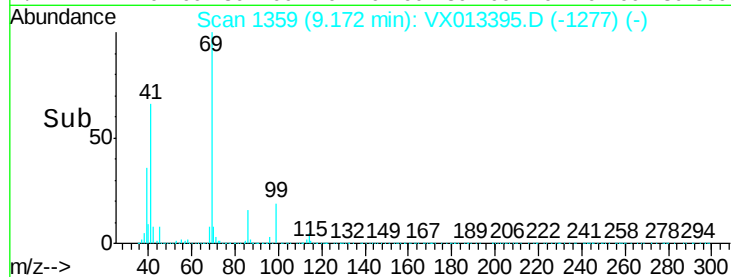
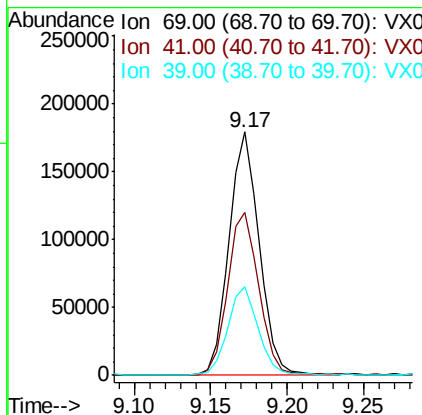
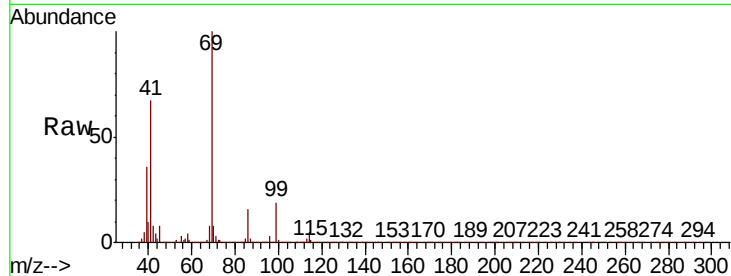
ClientSampleId :

VSTDCCC020EC

Tot Ion:	69	Resp:	246232
Ion Ratio	Lower	Upper	
69	100		
41	66.7	33.9	101.6
39	36.1	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.560 ug/l

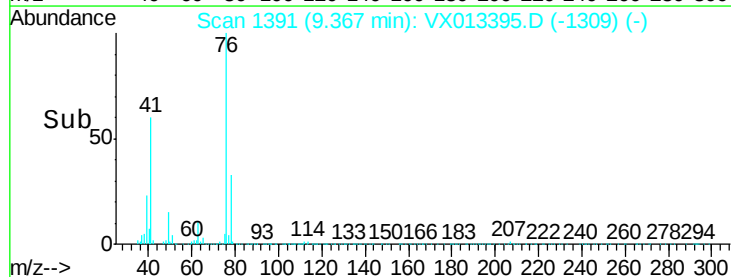
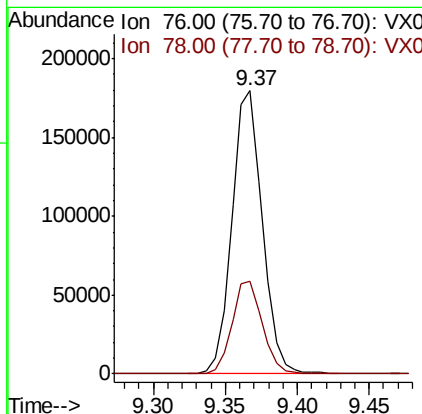
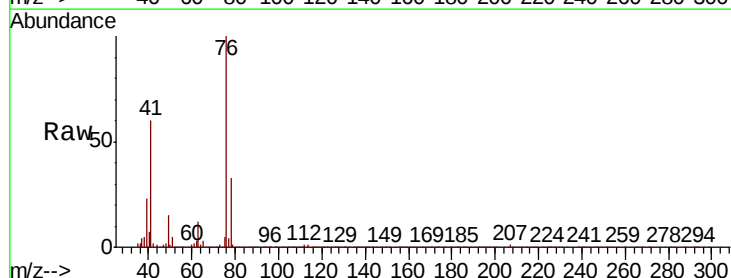
RT: 9.37 min Scan# 1391

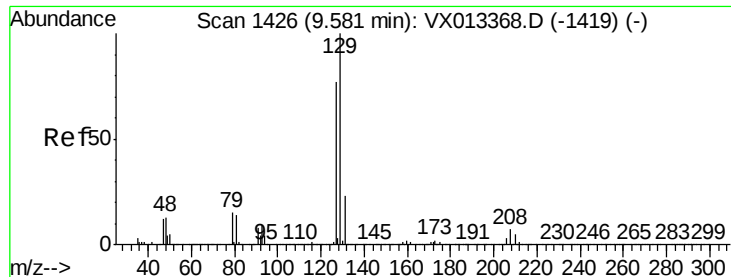
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	76	Resp:	263863
Ion Ratio	Lower	Upper	
76	100		
78	33.0	0.0	63.6





#53

Dibromochloromethane

Concen: 18.957 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:129 Resp: 158546

Ion Ratio Lower Upper

129 100

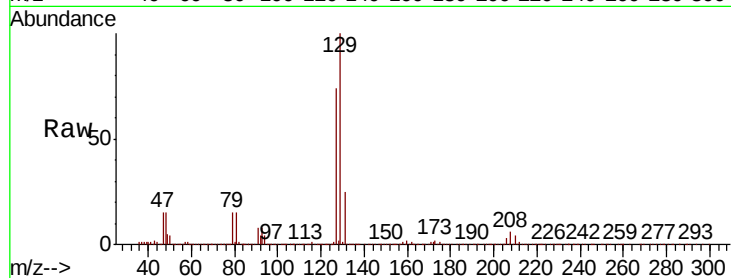
127 77.2 39.6 119.0

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.57

120000

100000

80000

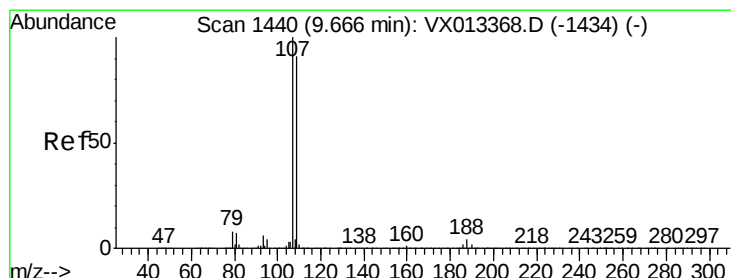
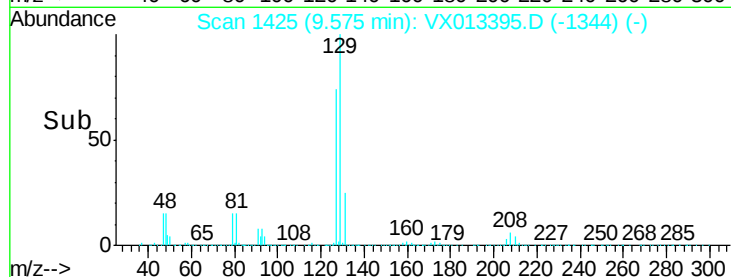
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 19.549 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX013395.D

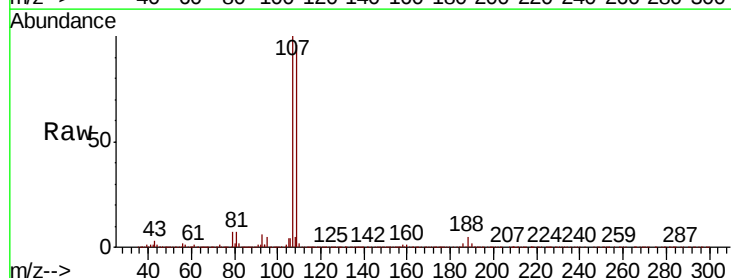
Acq: 12 Nov 2019 19:11

Tgt Ion:107 Resp: 164954

Ion Ratio Lower Upper

107 100

109 94.5 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

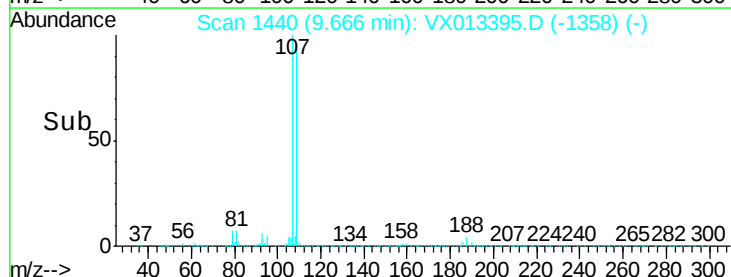
9.67

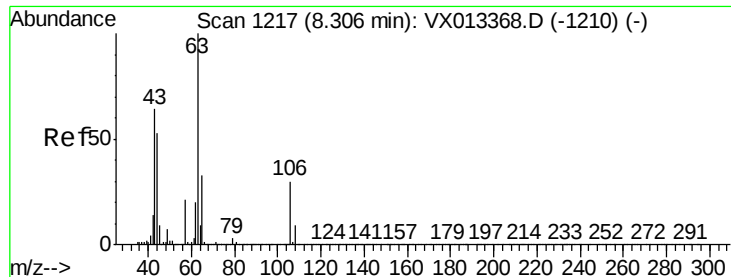
100000

50000

0

Time-->





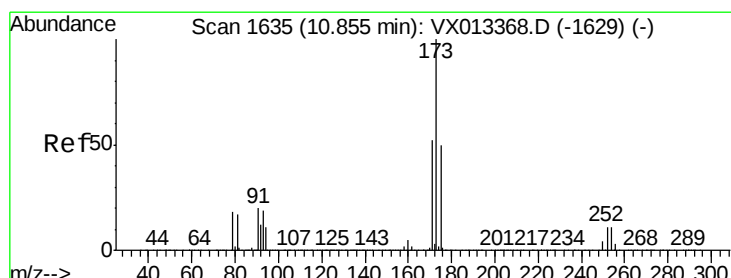
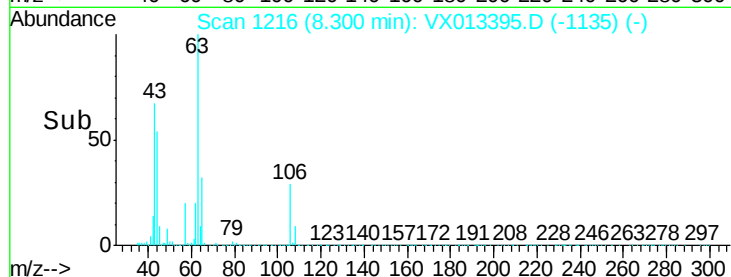
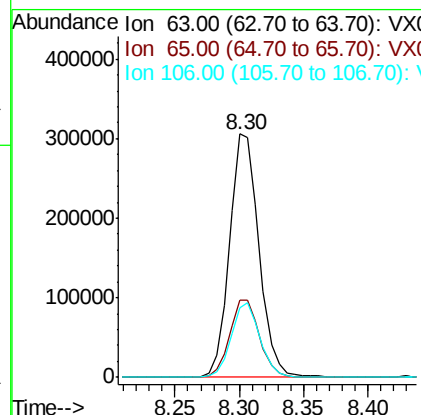
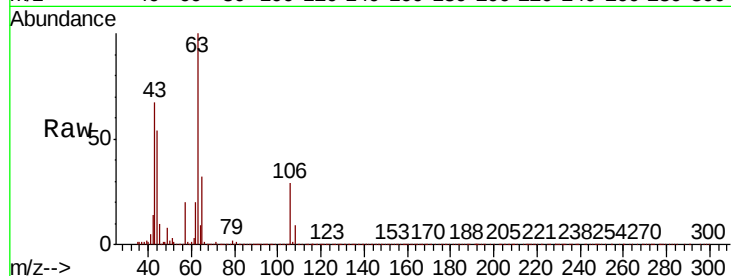
#55
2-Chloroethyl vinyl ether
Concen: 88.116 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	30.0	23.5	35.3

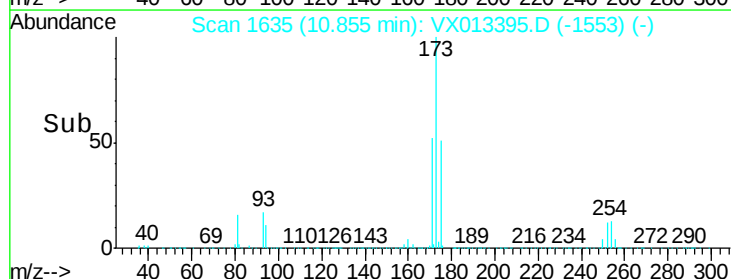
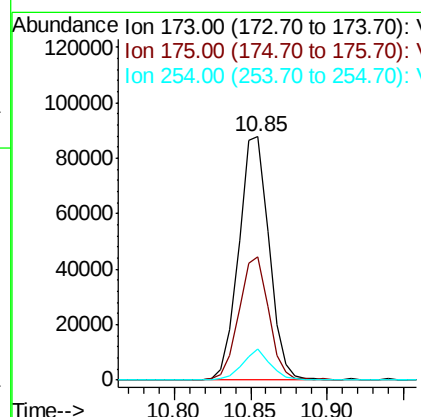
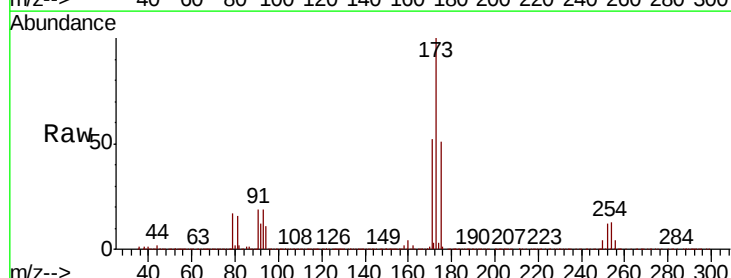
Manual Integrations
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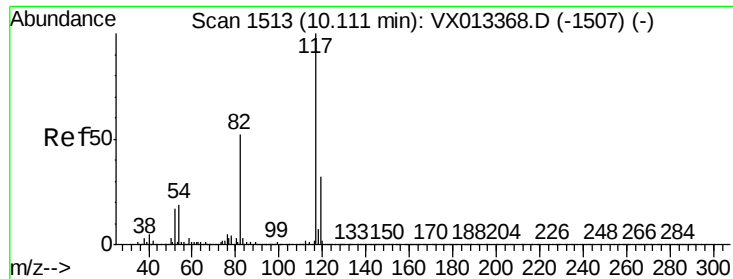
MMDadoda
11/13/2019 9:38:35 AM



#56
Bromoform
Concen: 18.181 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	39.4	59.0
254	11.4	8.6	12.8





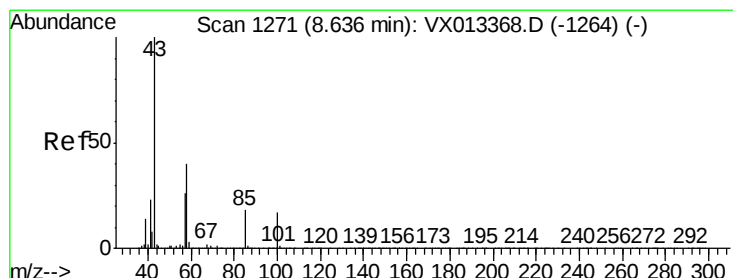
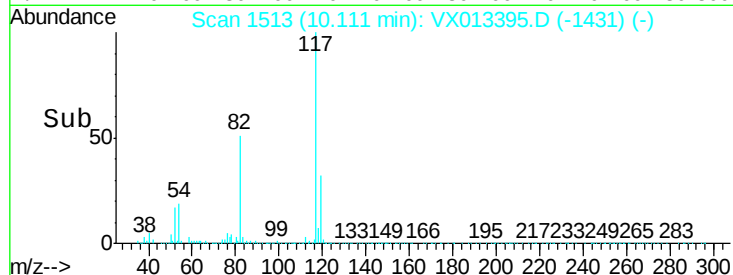
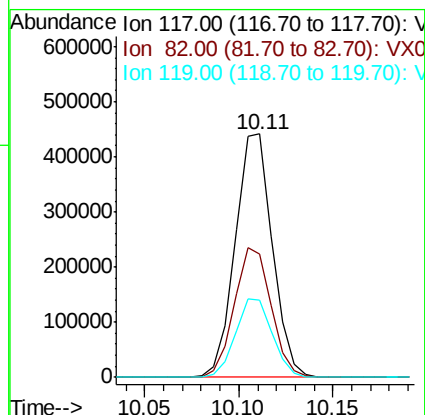
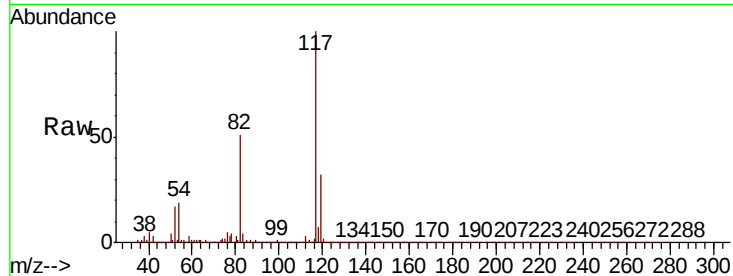
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.7	65.5
119	32.3	25.5	38.3

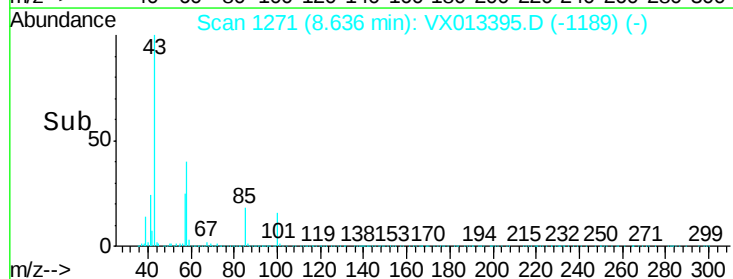
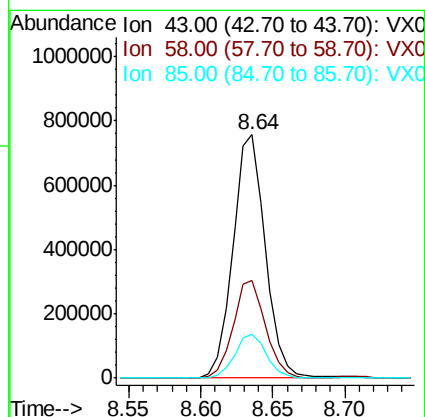
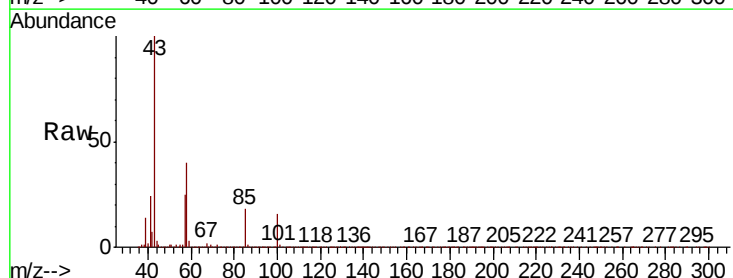
Manual Integrations
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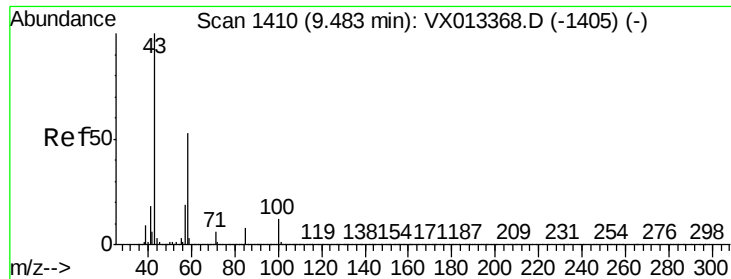
MMDadoda
11/13/2019 9:38:35 AM



#58
4-Methyl-2-Pentanone
Concen: 93.830 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.1	31.6	47.4
85	17.8	14.2	21.2





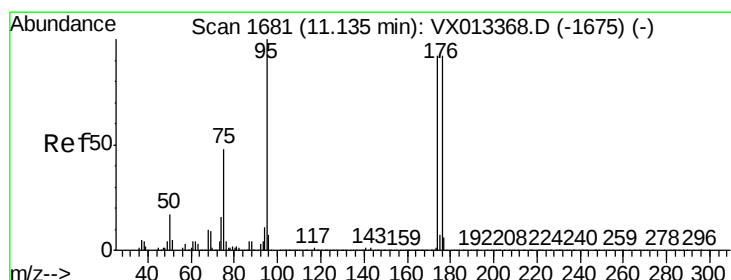
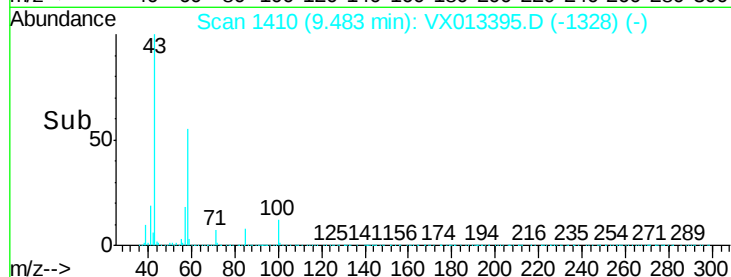
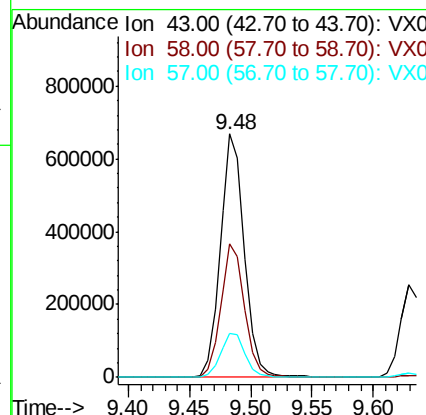
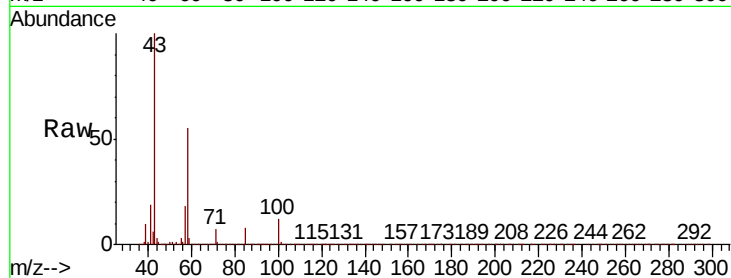
#59
2-Hexanone
Concen: 91.222 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	54.5	43.8	65.6
57	18.3	15.1	22.7

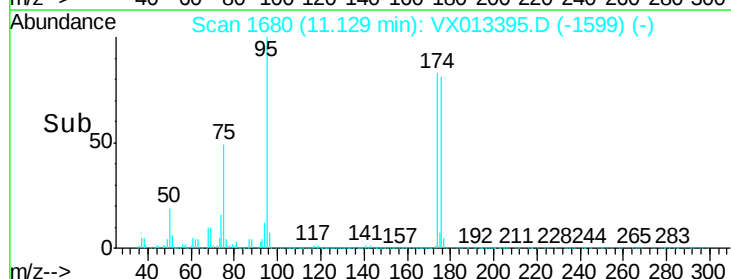
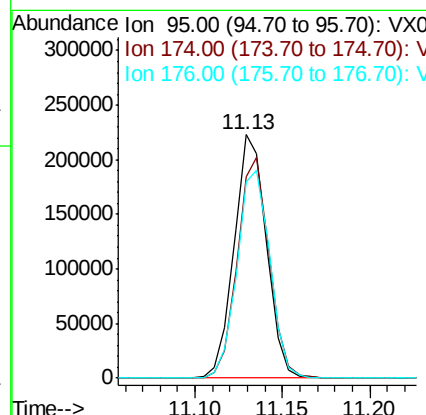
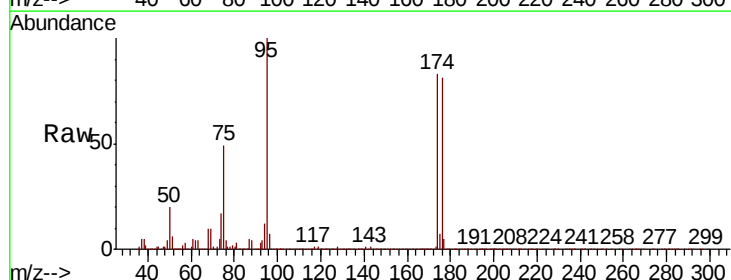
Manual Integrations
APPROVED

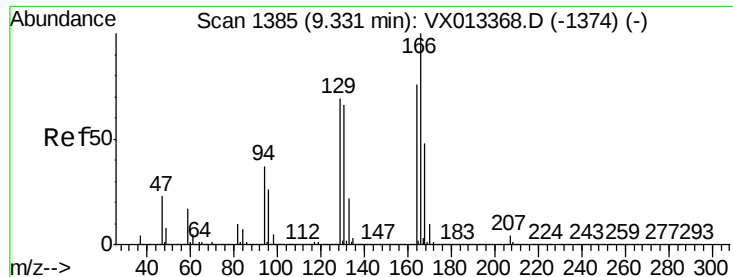
MMDadoda
11/13/2019 9:38:35 AM



#60
4-Bromofluorobenzene
Concen: 29.431 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.9	70.2	105.2
176	87.1	68.3	102.5





#61

Tetrachloroethene

Concen: 20.363 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

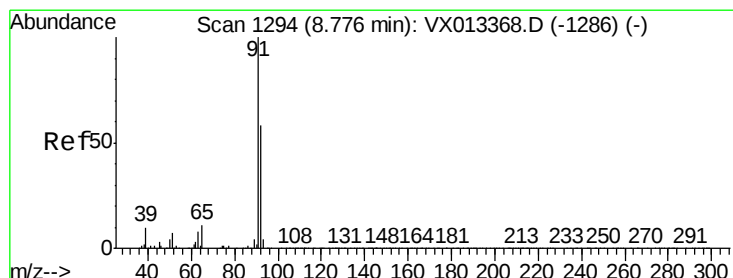
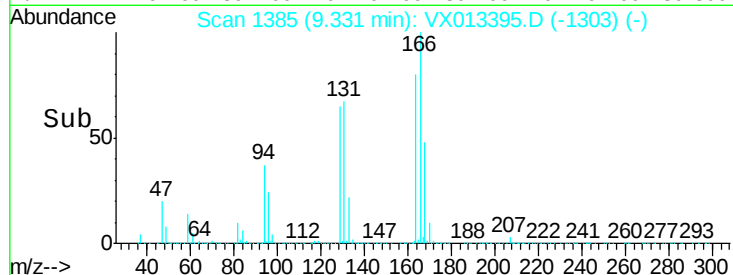
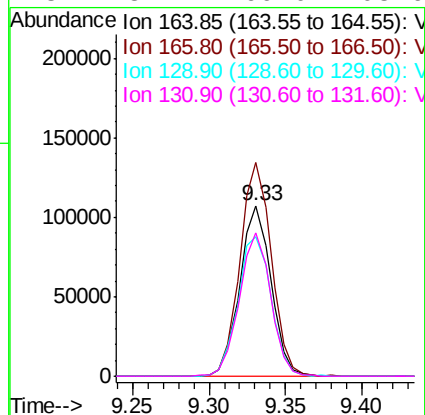
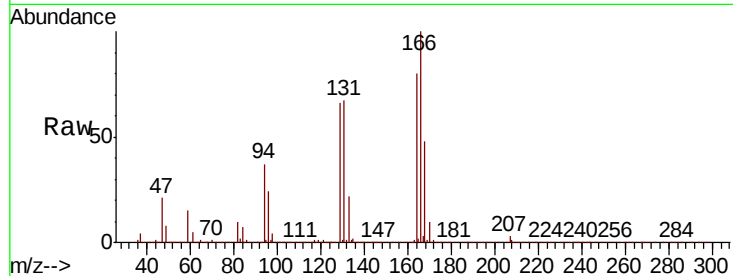
ClientSampleId :

VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	125.2	104.9	151566	107.3	157.3
129	82.0	72.3	108.5		
131	84.2	69.0	103.6		

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#62

Toluene

Concen: 19.749 ug/l

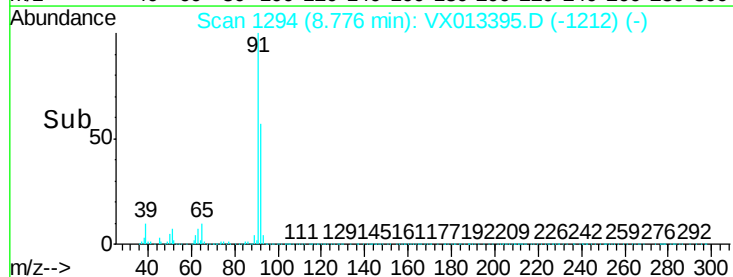
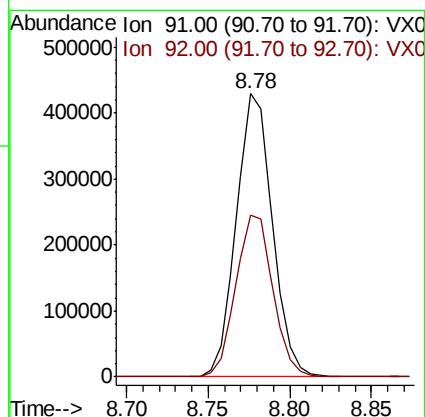
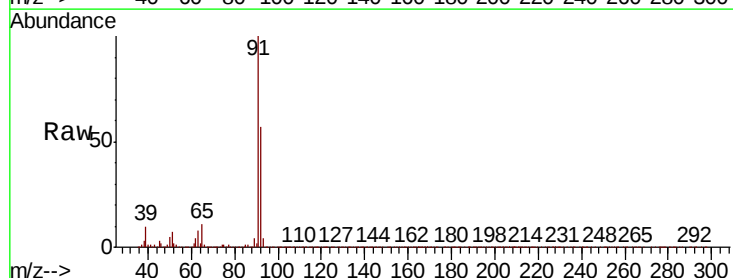
RT: 8.78 min Scan# 1294

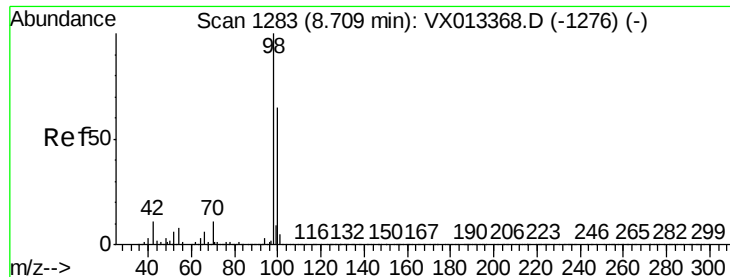
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		663982		
92	58.4	46.6	69.8		





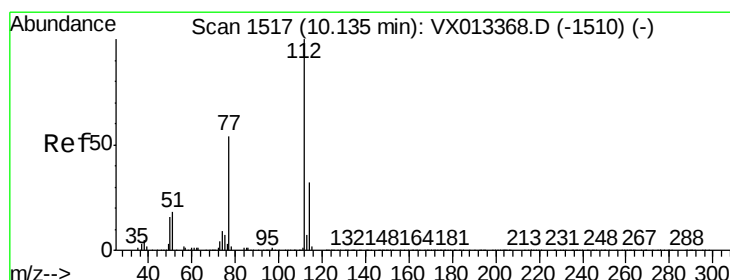
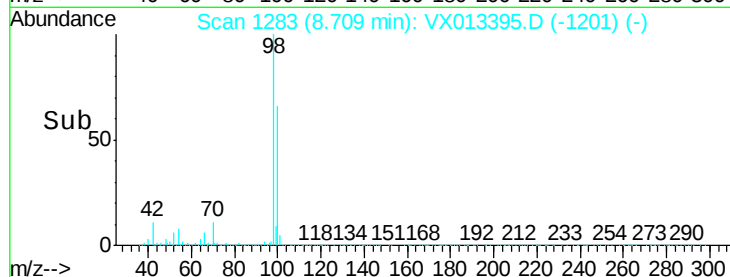
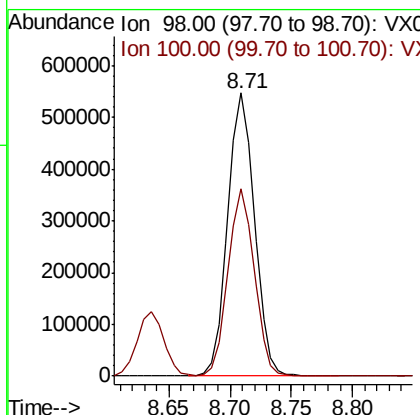
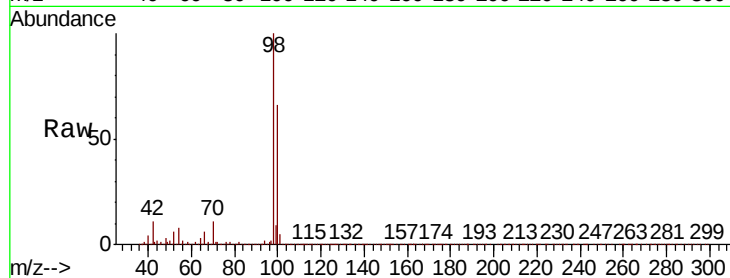
#63
Toluene-d8
Concen: 30.327 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.5	78.7

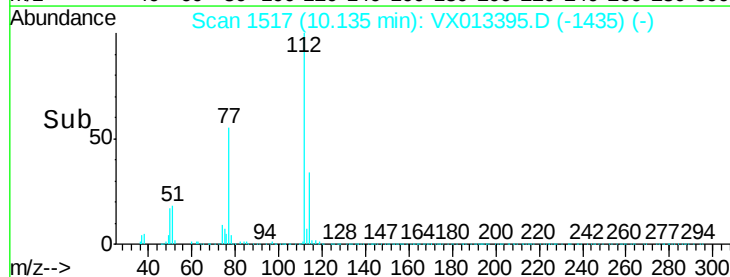
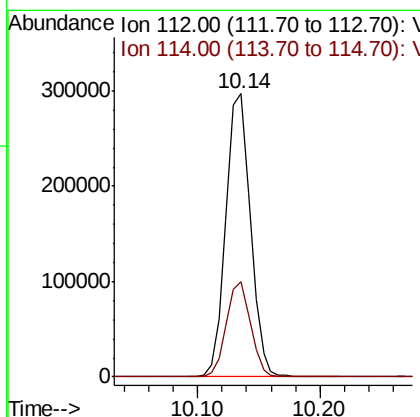
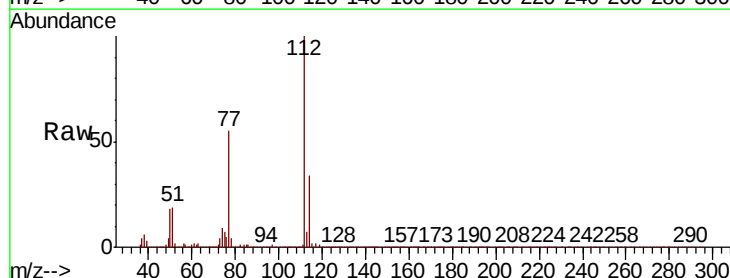
Manual Integrations
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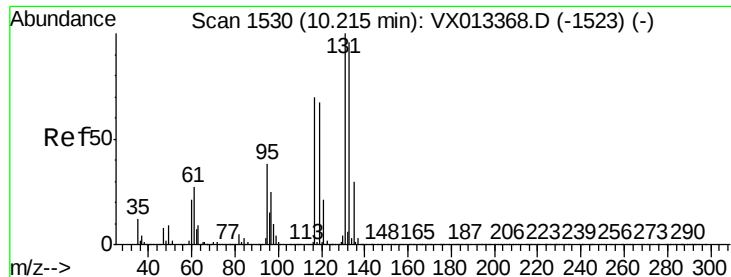
MMDadoda
11/13/2019 9:38:35 AM



#64
Chlorobenzene
Concen: 19.709 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
114	33.8	25.7	38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.867 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

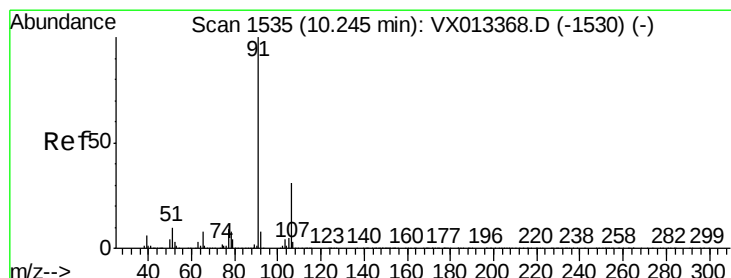
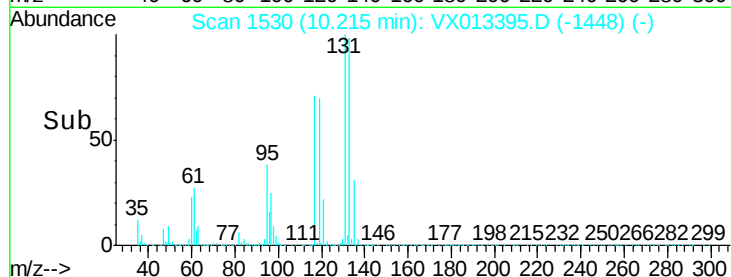
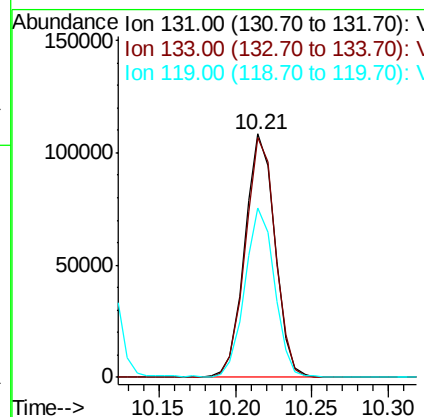
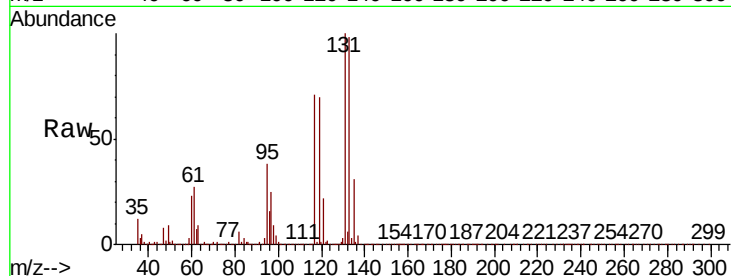
ClientSampleId :

VSTDCCC020EC

Tot Ion:	131	Resp:	148464
Ion Ratio	Lower	Upper	
131	100		
133	97.2	0.0	192.2
119	68.2	0.0	134.4

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#66

Ethyl Benzene

Concen: 19.468 ug/l

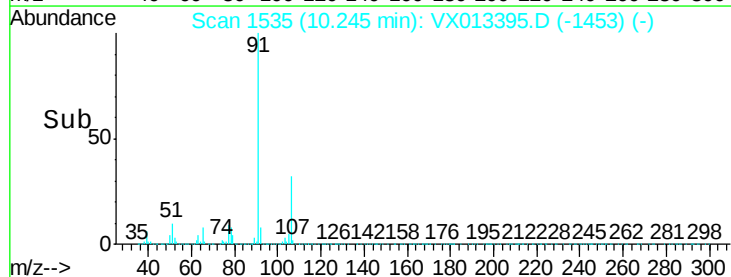
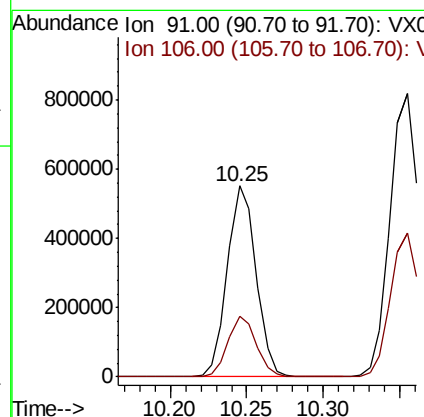
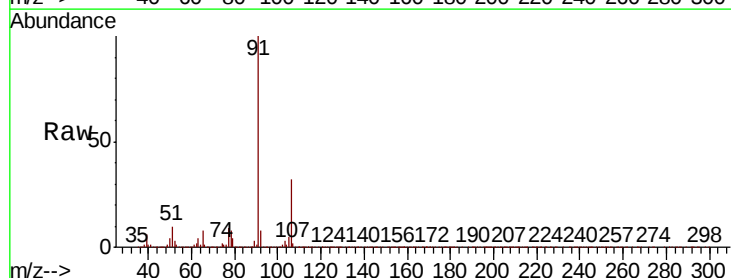
RT: 10.25 min Scan# 1535

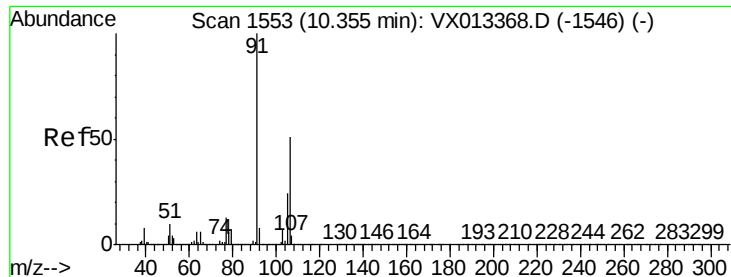
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	91	Resp:	719062
Ion Ratio	Lower	Upper	
91	100		
106	31.9	25.0	37.4





#67

m/p-Xylenes

Concen: 38.847 ug/l

RT: 10.35 min Scan# 1553

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020EC

Tot Ion:106 Resp: 553491

Ion Ratio Lower Upper

106 100

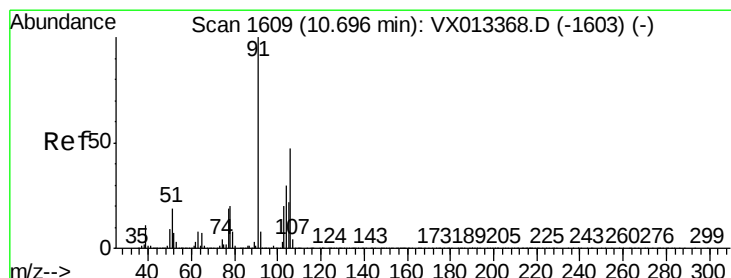
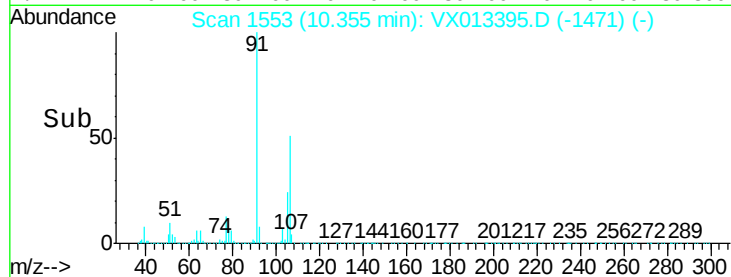
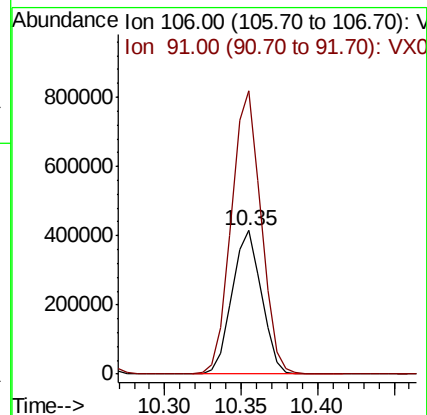
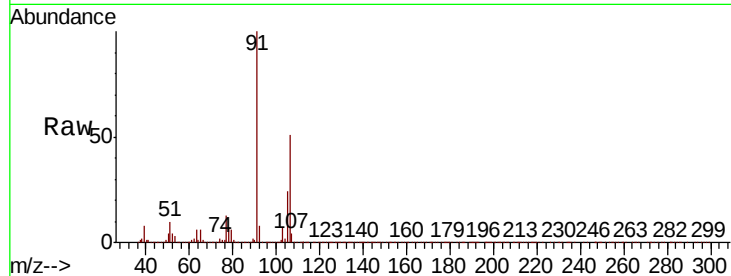
91 198.8 158.4 237.6

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#68

o-Xylene

Concen: 19.577 ug/l

RT: 10.70 min Scan# 1609

Delta R.T. 0.00 min

Lab File: VX013395.D

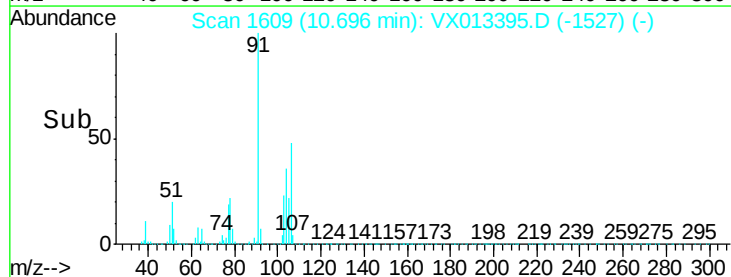
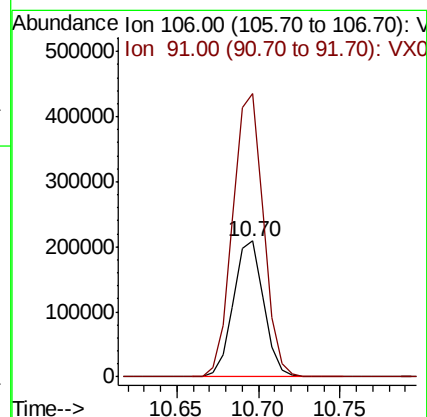
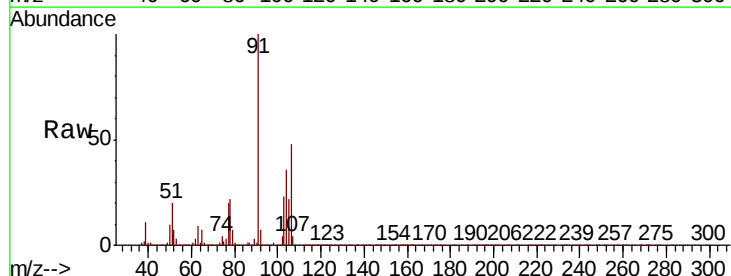
Acq: 12 Nov 2019 19:11

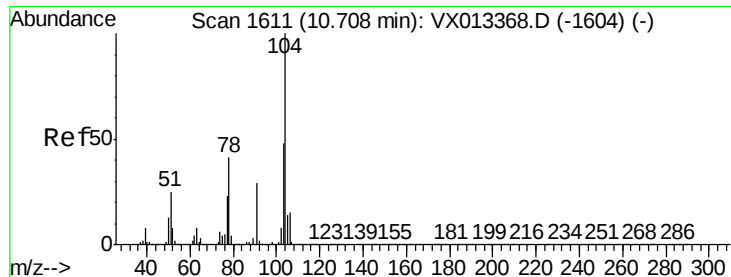
Tgt Ion:106 Resp: 269198

Ion Ratio Lower Upper

106 100

91 211.2 106.4 319.2





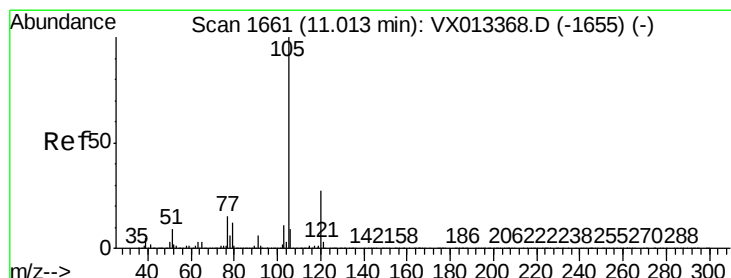
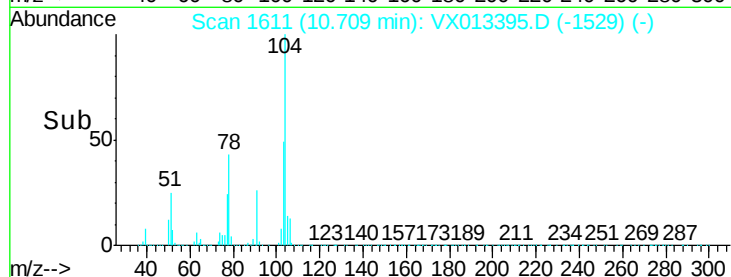
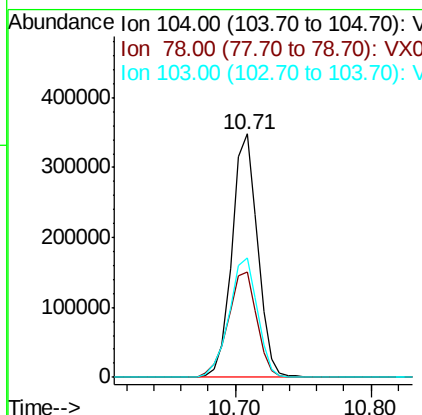
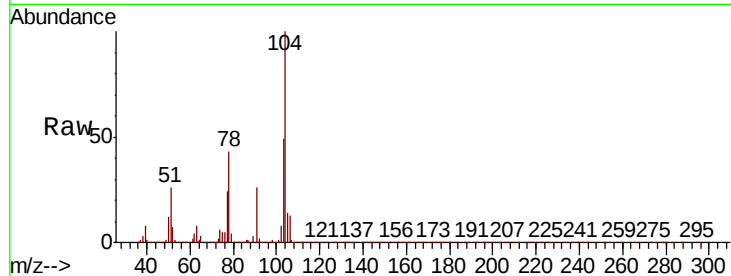
#69
Stvrene
Concen: 19.393 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
104	100	455338		
78	48.5		38.2	57.4
103	54.6		43.2	64.8

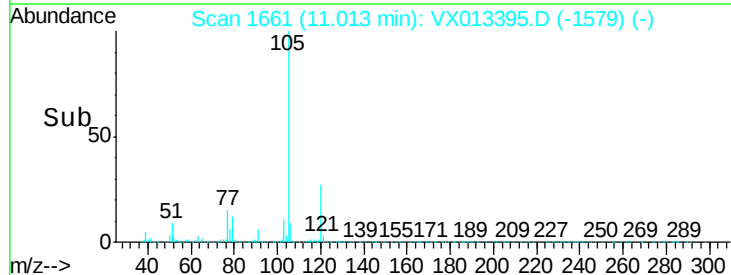
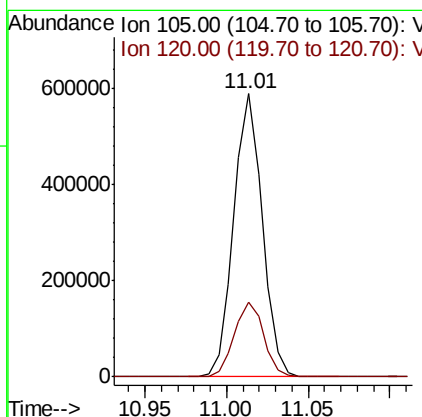
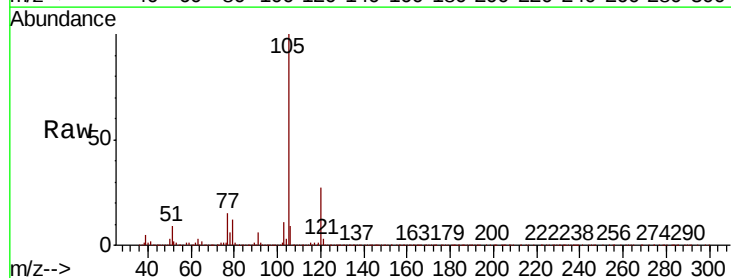
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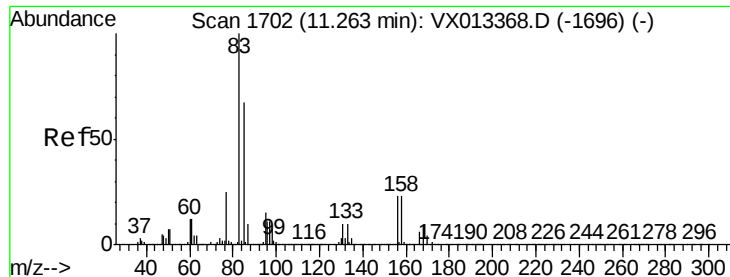
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#70
Isopropylbenzene
Concen: 19.776 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	716546		
120	27.2		18.8	34.8





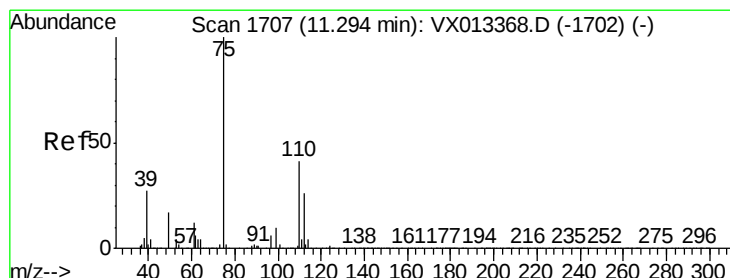
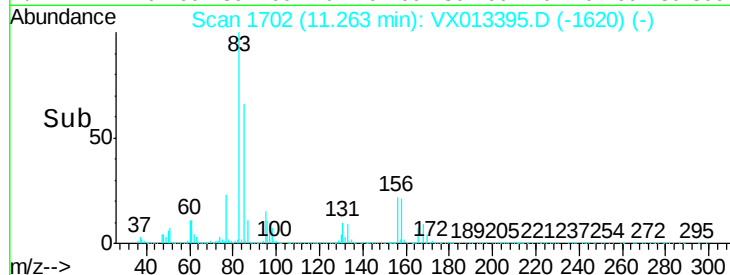
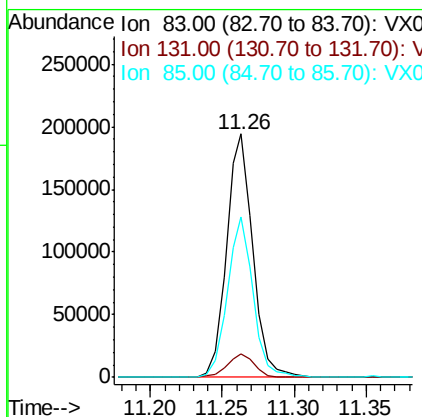
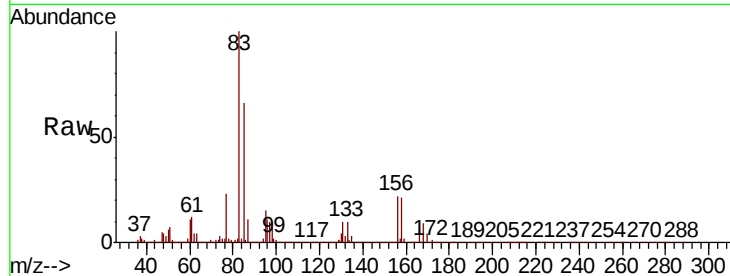
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.228 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	249449		
131	9.6	4.7	14.1	
85	64.0	32.6	97.7	

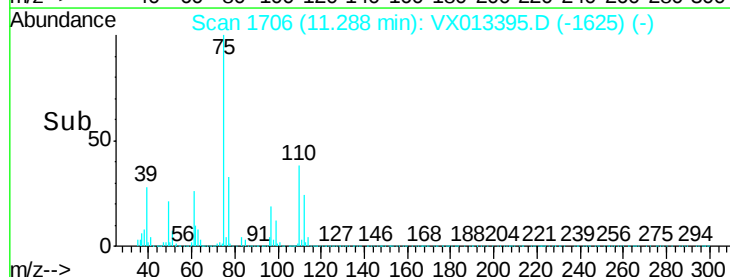
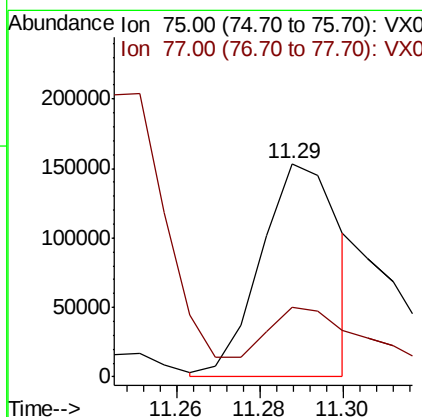
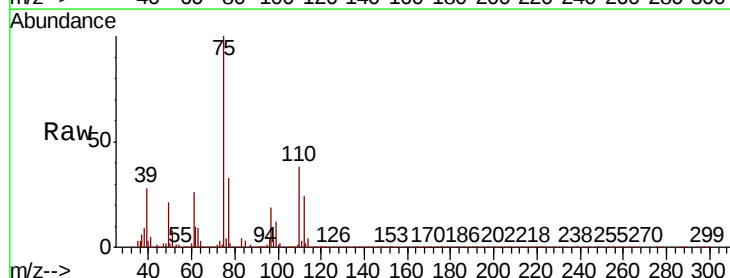
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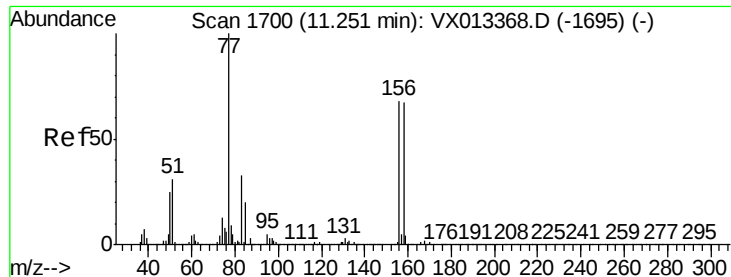
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#72
 1,2,3-Trichloropropane
 Concen: 18.321 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	200692		
77	41.9	0.0	86.2	





#73

Bromobenzene

Concen: 19.431 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

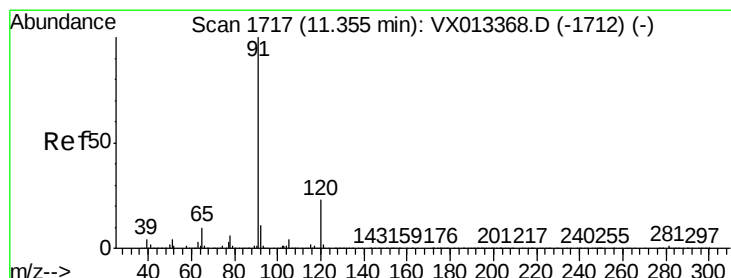
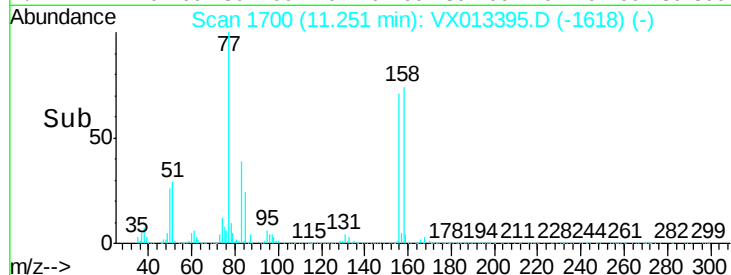
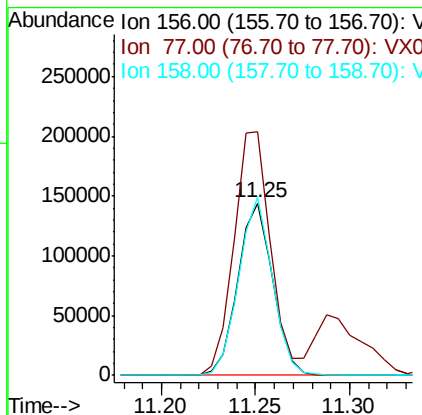
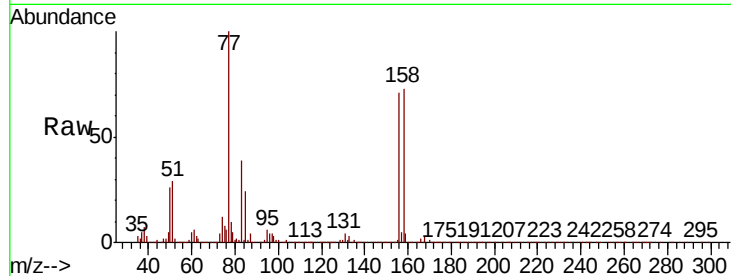
ClientSampleId :

VSTDCCC020EC

Tot Ion:	156	Resp:	185671
Ion Ratio	Lower	Upper	
156	100		
77	146.8	0.0	308.8
158	99.6	0.0	197.0

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#74

n-propylbenzene

Concen: 19.483 ug/l

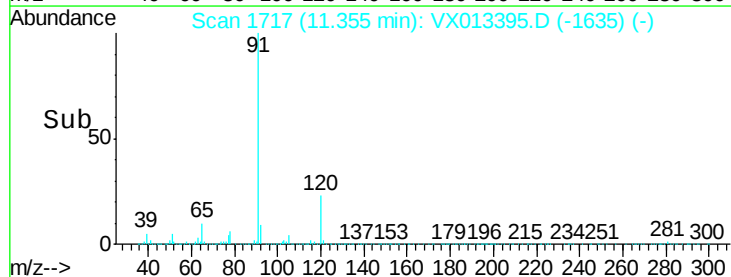
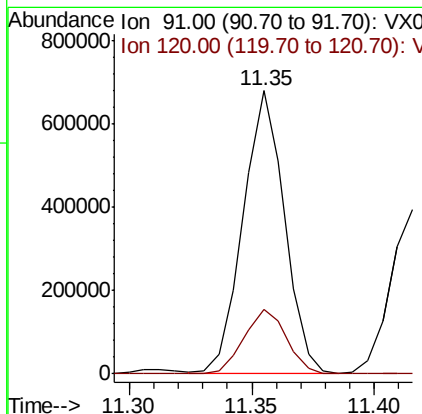
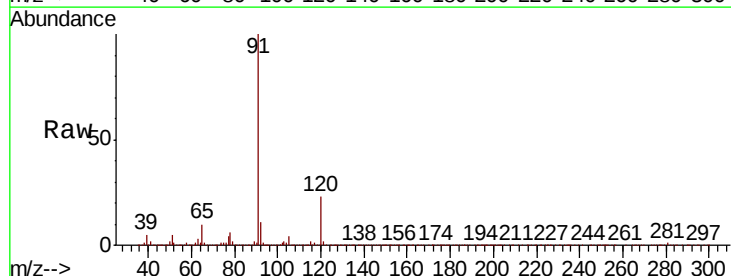
RT: 11.35 min Scan# 1717

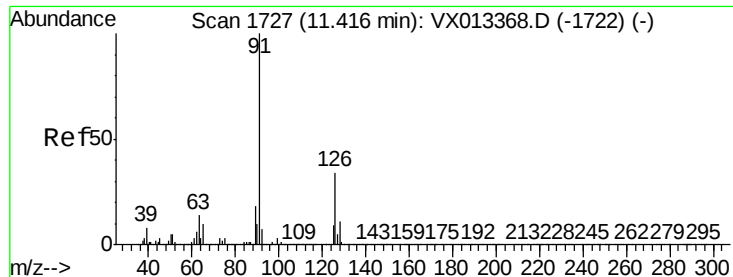
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	91	Resp:	802227
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	46.2





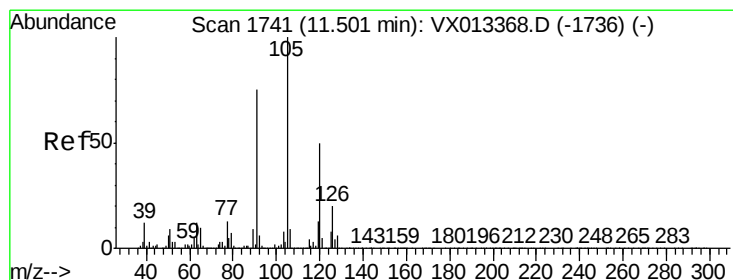
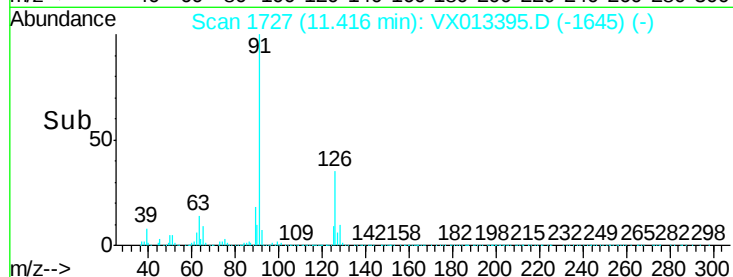
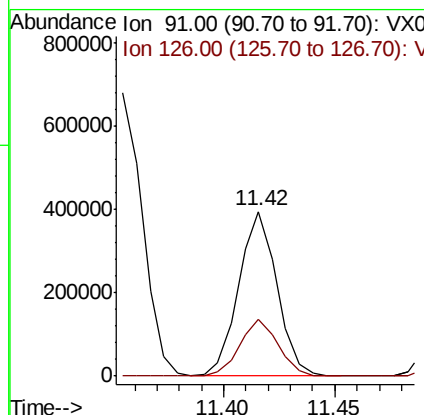
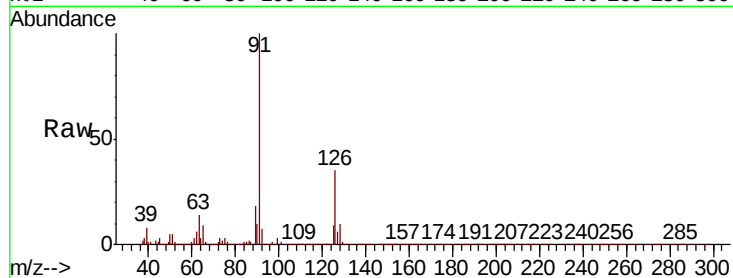
#75
2-Chlorotoluene
Concen: 19.428 ug/l
RT: 11.42 min Scan# 1727
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion: 91 Resp: 475718
Ion Ratio Lower Upper
91 100
126 34.5 0.0 69.0

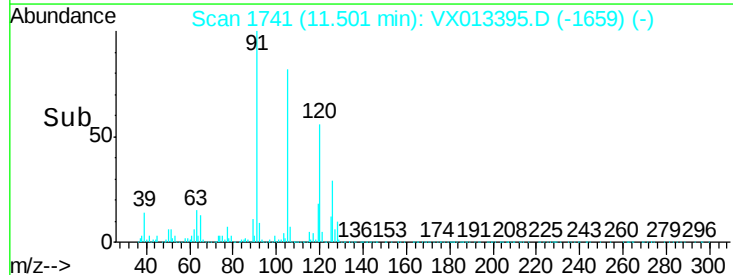
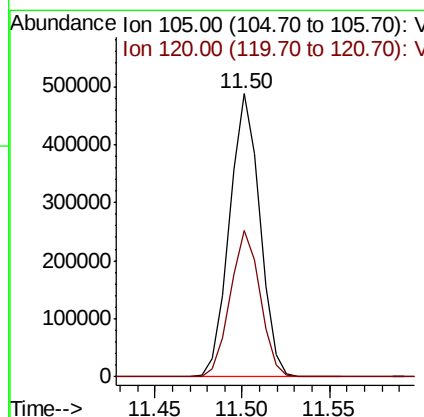
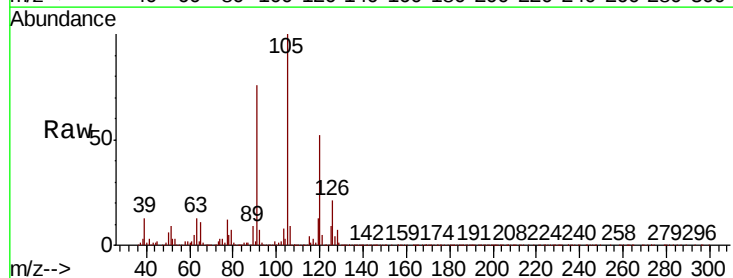
Manual Integrations
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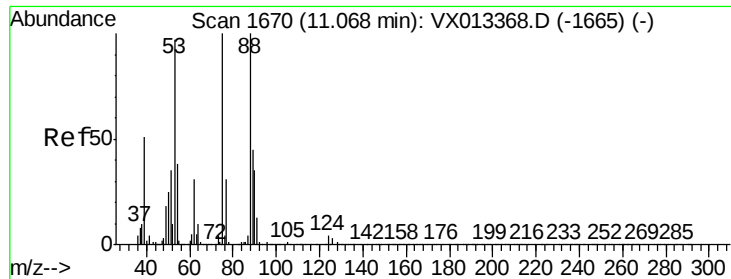
MMDadoda
11/13/2019 9:38:35 AM



#76
1,3,5-Trimethylbenzene
Concen: 19.237 ug/l
RT: 11.50 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion: 105 Resp: 585883
Ion Ratio Lower Upper
105 100
120 51.2 0.0 100.0





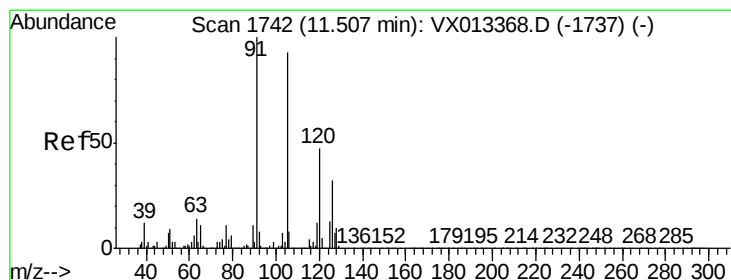
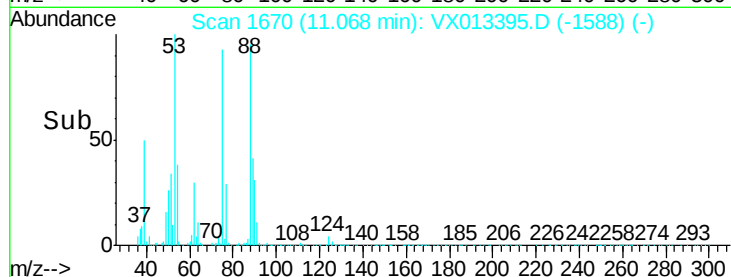
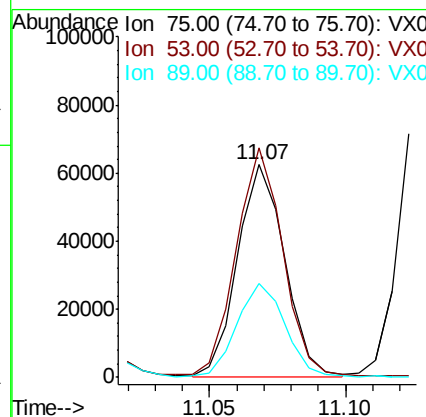
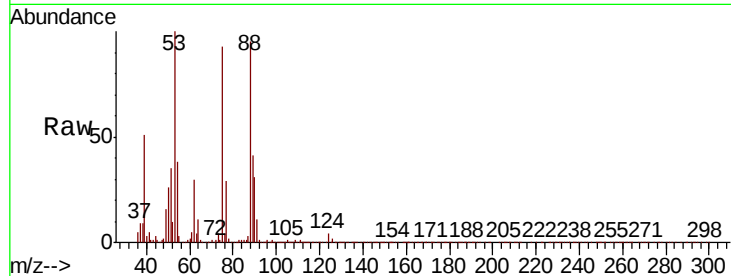
#77
t-1,4-Dichloro-2-butene
Concen: 16.907 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.4	48.8	146.3
89	44.1	22.3	66.8

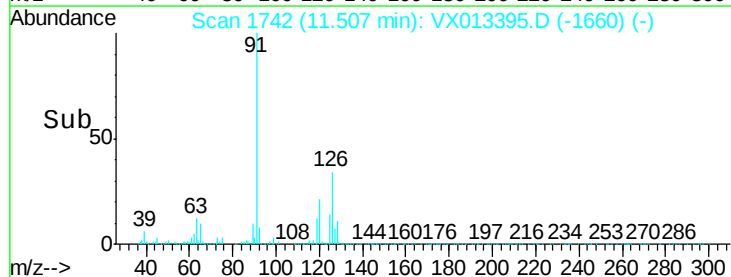
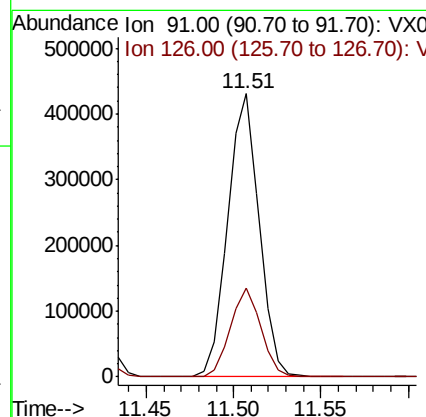
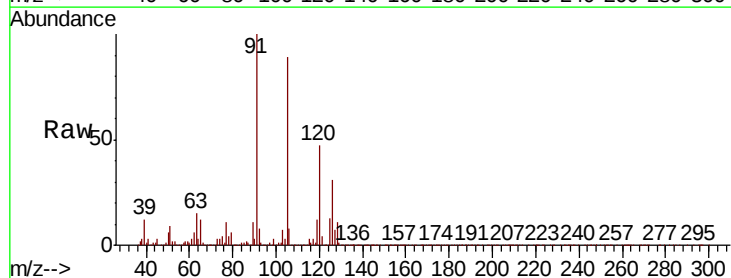
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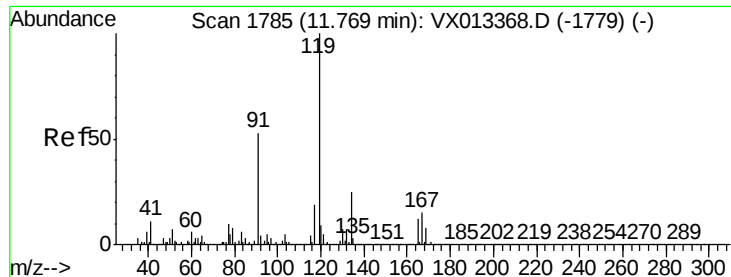
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.088 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.6	0.0	61.0





#79

tert-butylbenzene

Concen: 19.068 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Instrument :

MSVOA_X

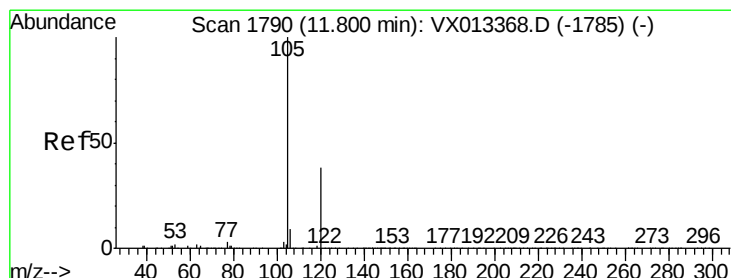
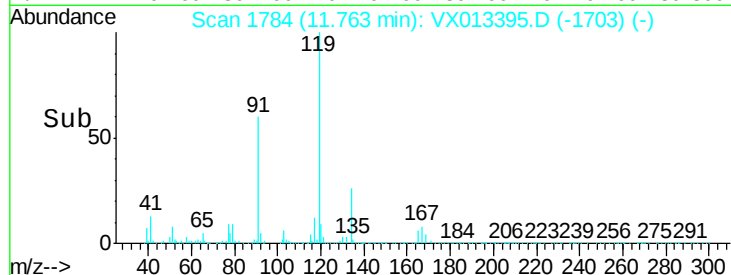
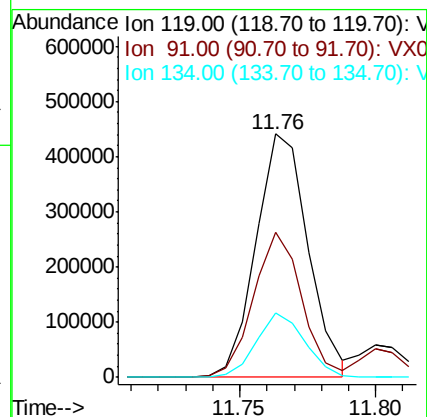
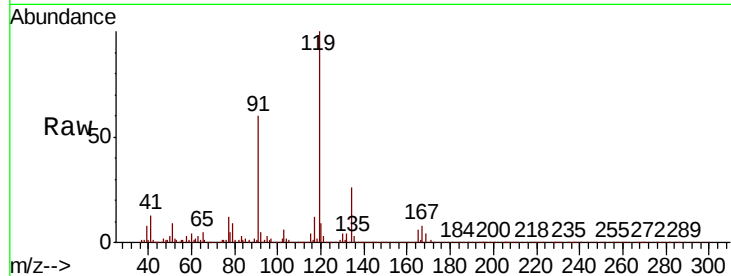
ClientSampleId :

VSTDCCC020EC

Tot Ion:	119	Resp:	585903
Ion Ratio	Lower	Upper	
119	100		
91	54.9	0.0	109.6
134	24.7	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 19.367 ug/l

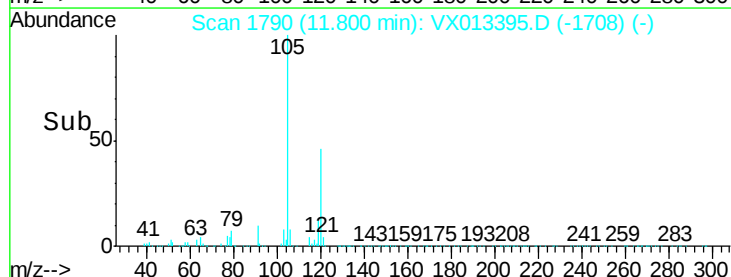
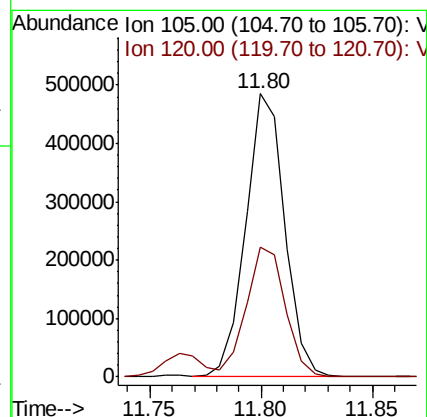
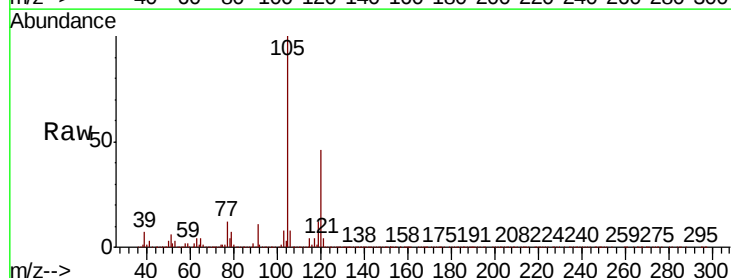
RT: 11.80 min Scan# 1790

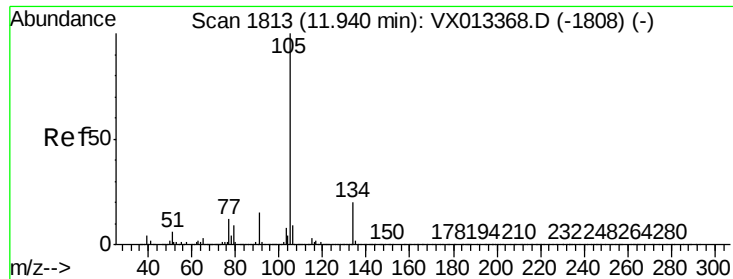
Delta R.T. 0.00 min

Lab File: VX013395.D

Acq: 12 Nov 2019 19:11

Tgt Ion:	105	Resp:	587764
Ion Ratio	Lower	Upper	
105	100		
120	46.2	0.0	94.0





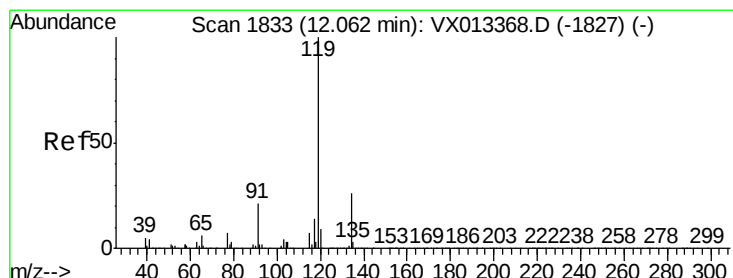
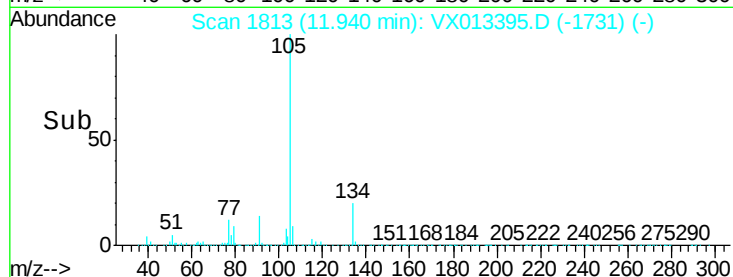
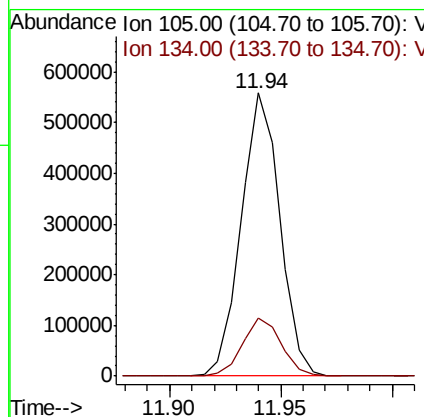
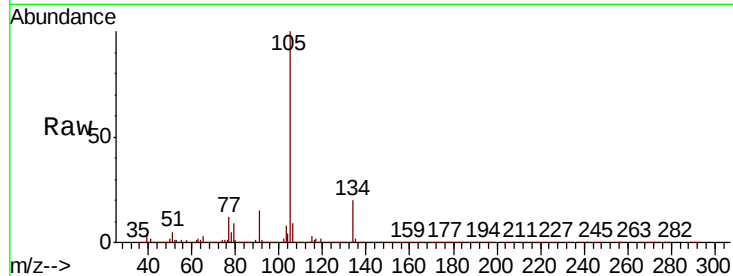
#81
 sec-Butylbenzene
 Concen: 19.297 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	41.2

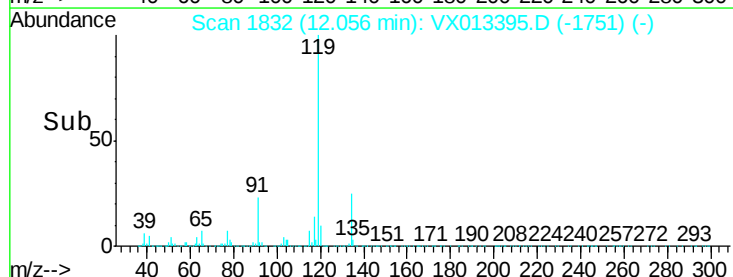
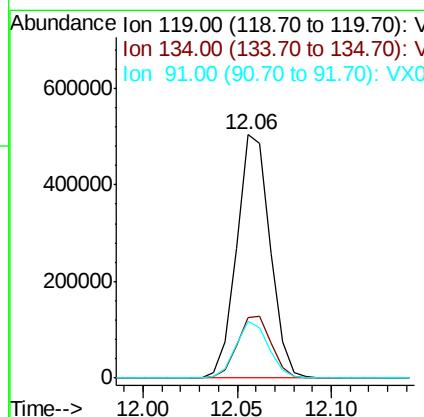
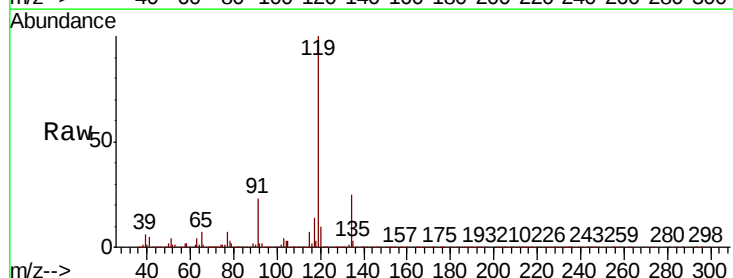
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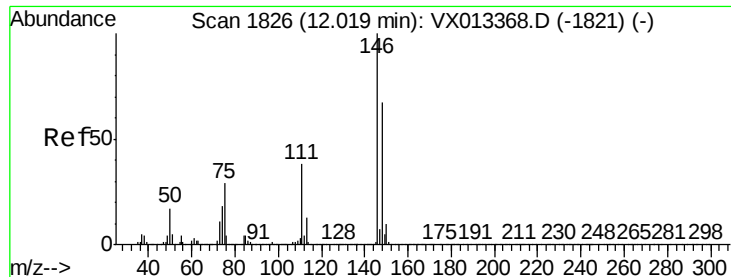
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#82
 p-Isopropyltoluene
 Concen: 19.199 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	0.0	51.6
91	22.8	0.0	44.2





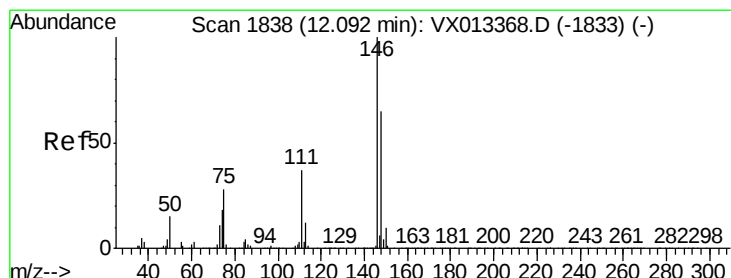
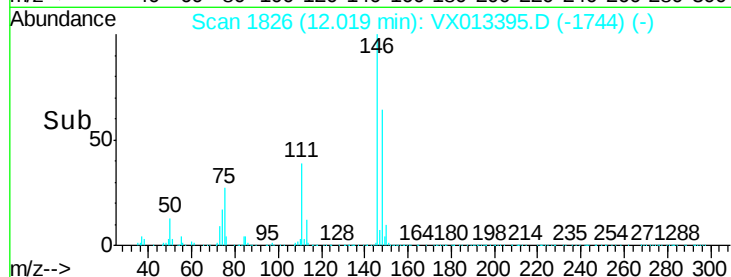
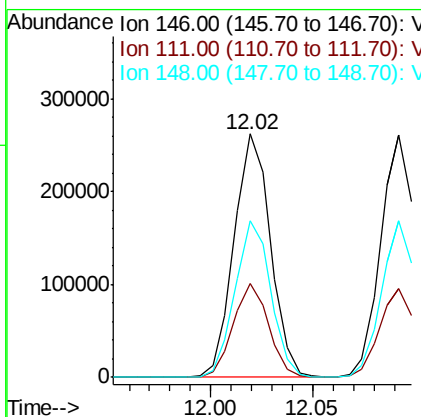
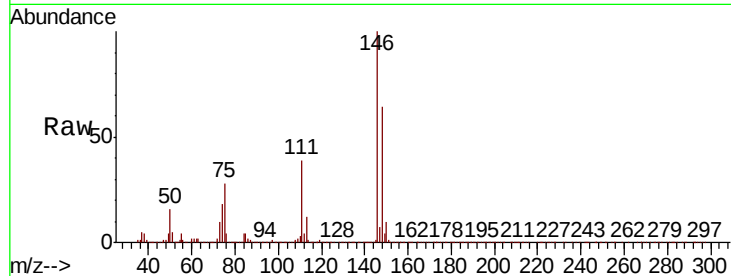
#83
1,3-Dichlorobenzene
Concen: 19.315 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.8	56.3
148	63.2	32.3	96.9

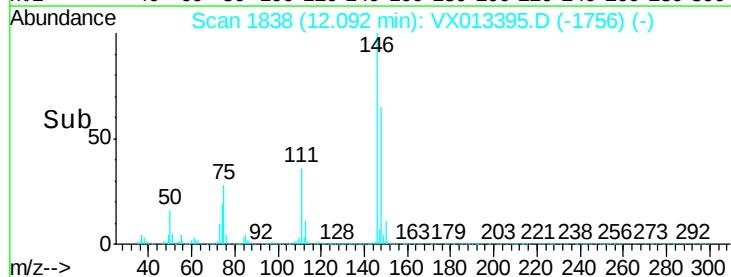
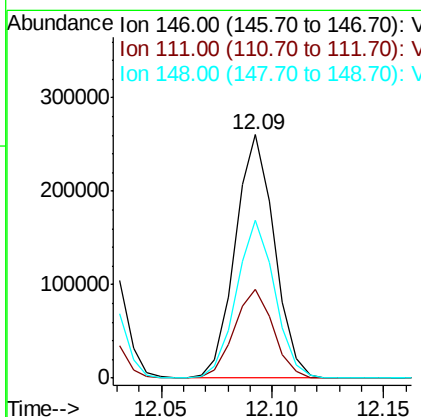
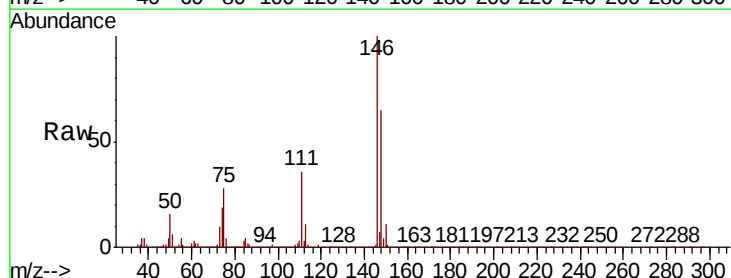
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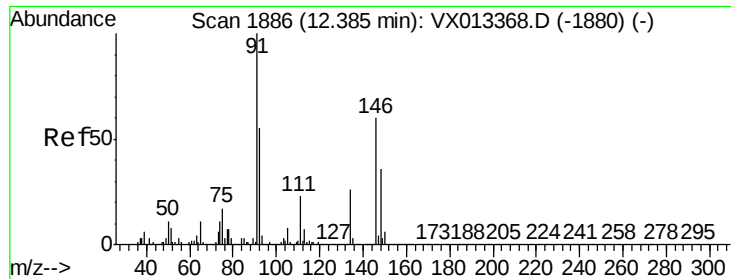
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#84
1,4-Dichlorobenzene
Concen: 19.159 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.6	55.6
148	63.5	32.5	97.4





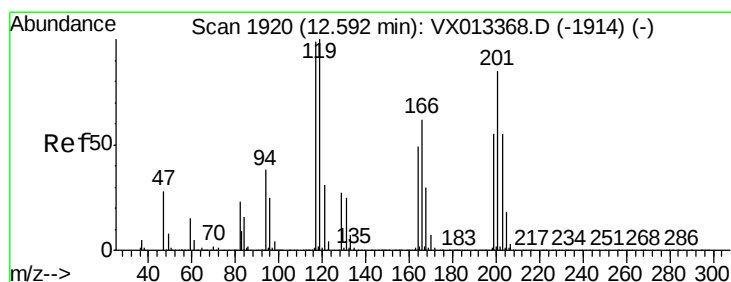
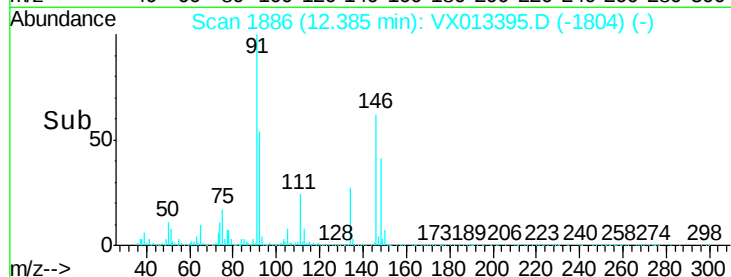
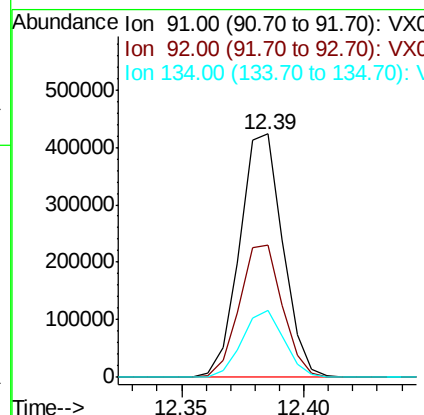
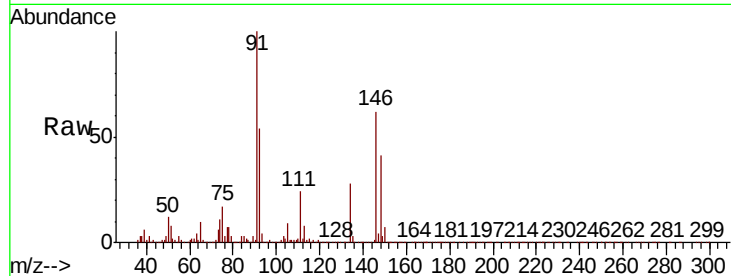
#85
n-Butylbenzene
Concen: 18.637 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100	519567		
92	54.4	0.0	109.0	
134	26.7	0.0	53.0	

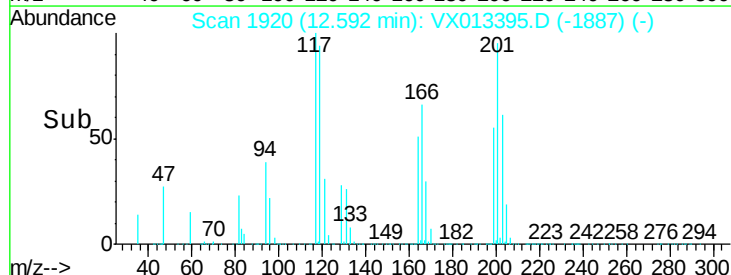
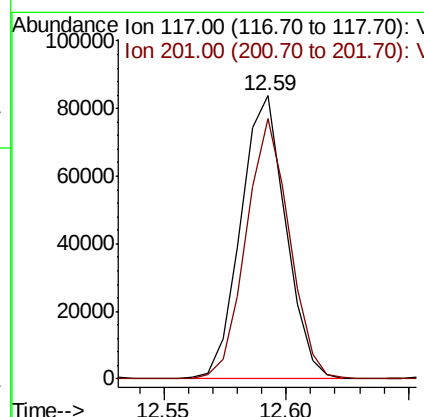
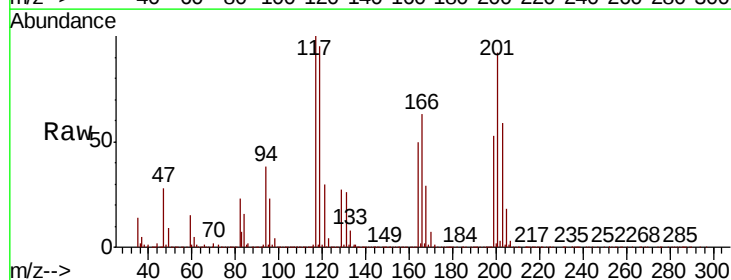
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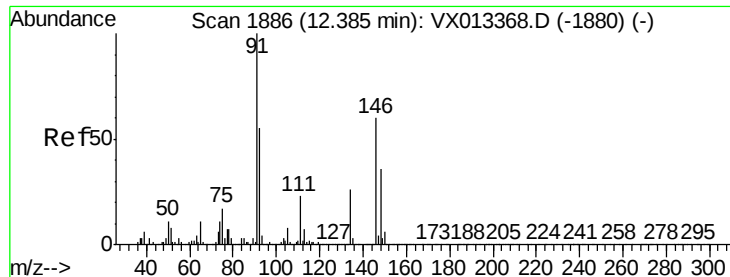
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#86
Hexachloroethane
Concen: 17.980 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	106577		
201	89.0	44.5	133.3	





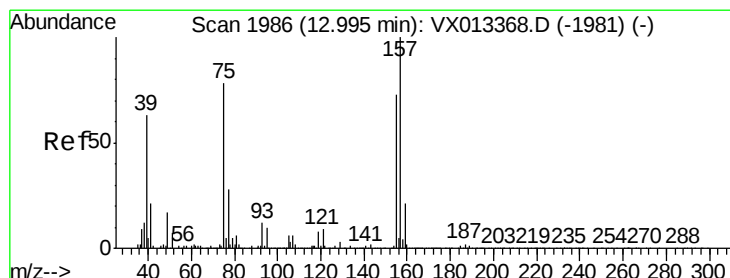
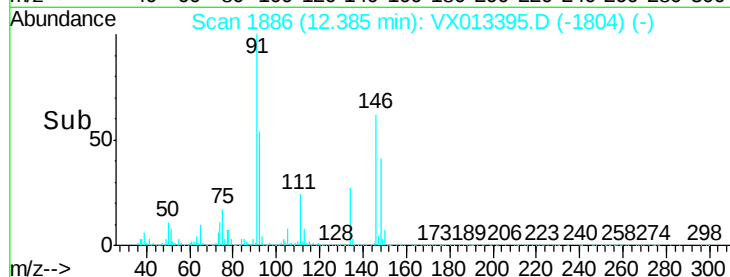
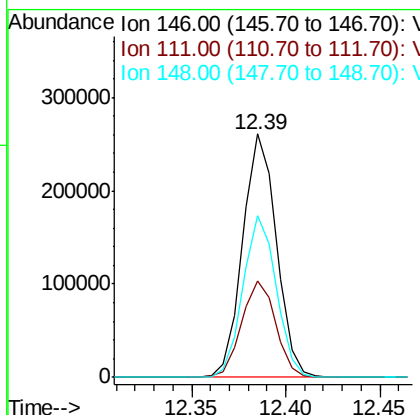
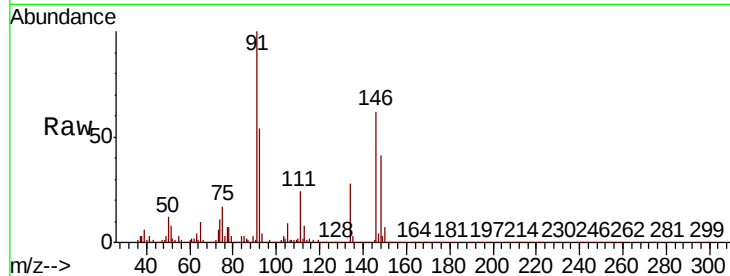
#87
 1,2-Dichlorobenzene
 Concen: 19.337 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	19.6	58.7
148	65.3	31.6	94.7

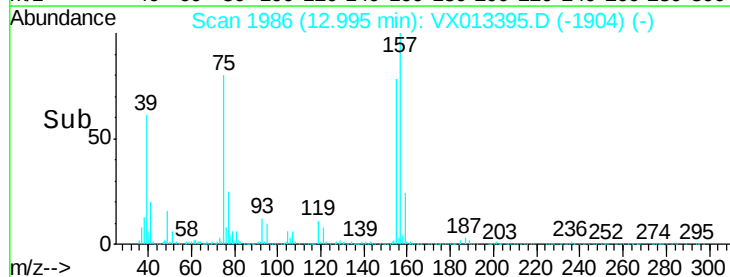
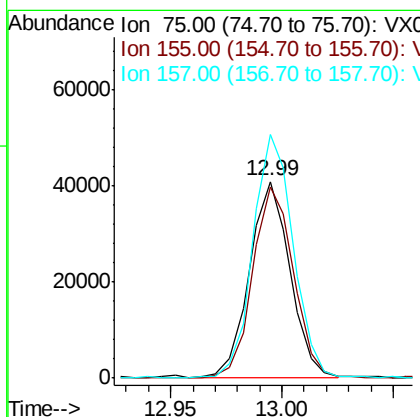
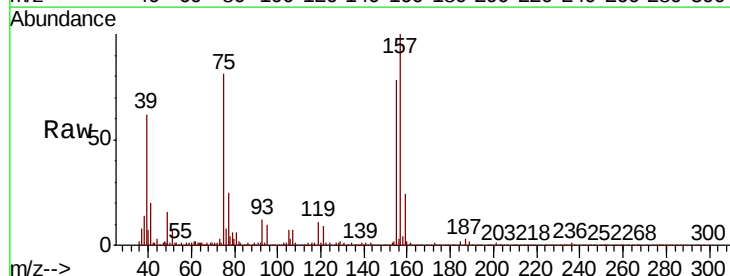
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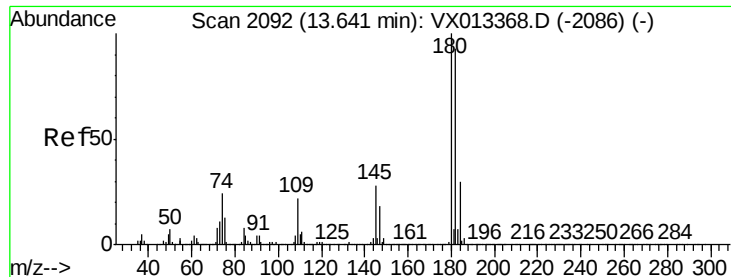
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 17.655 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
75	100		
155	99.1	76.9	115.3
157	123.6	101.2	151.8





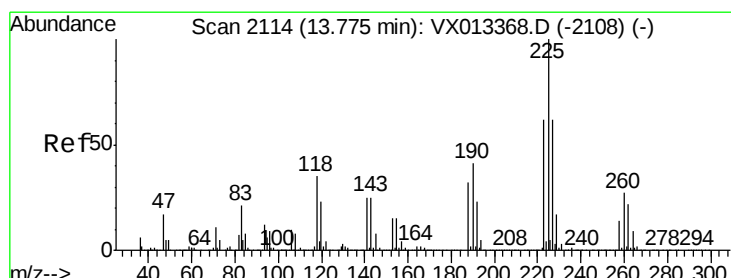
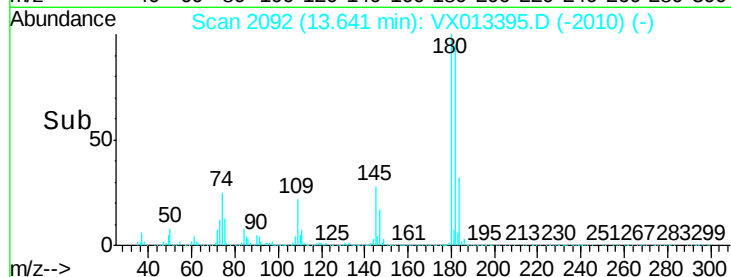
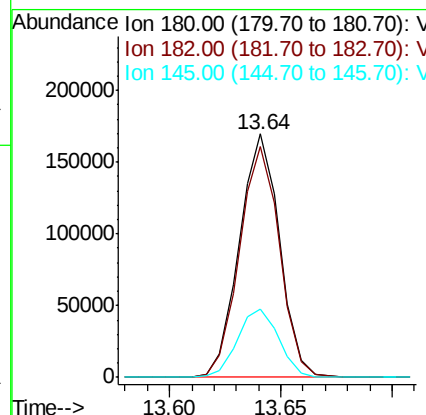
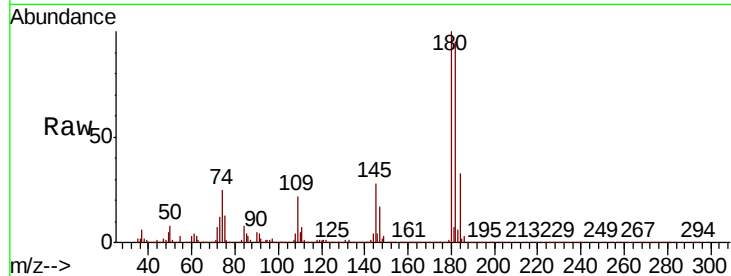
#89
 1,2,4-Trichlorobenzene
 Concen: 18.278 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	74.7	112.1
145	28.9	22.1	33.1

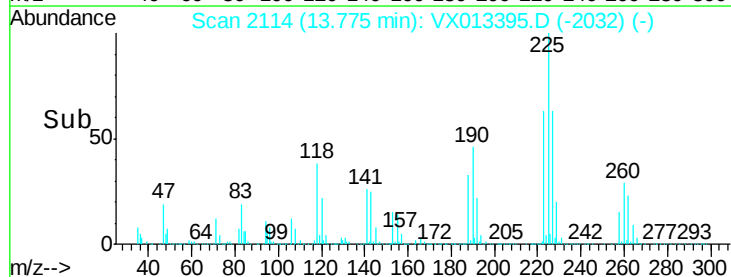
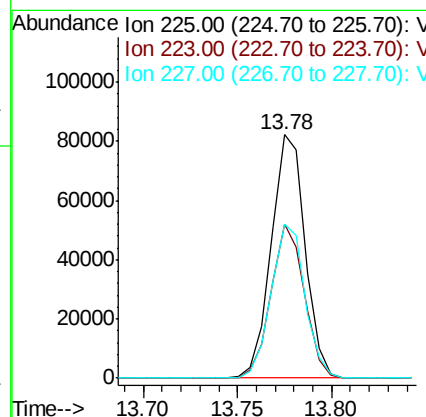
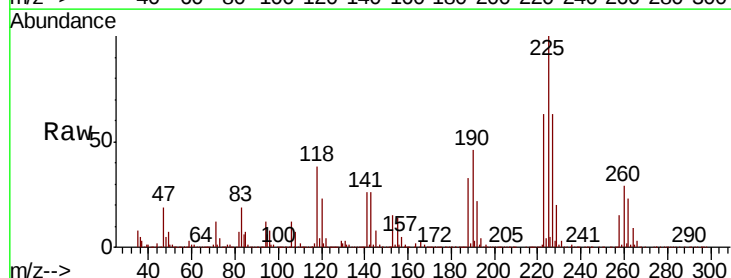
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#90
 Hexachlorobutadiene
 Concen: 18.443 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013395.D
 Acq: 12 Nov 2019 19:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	0.0	123.0
227	63.1	0.0	121.8





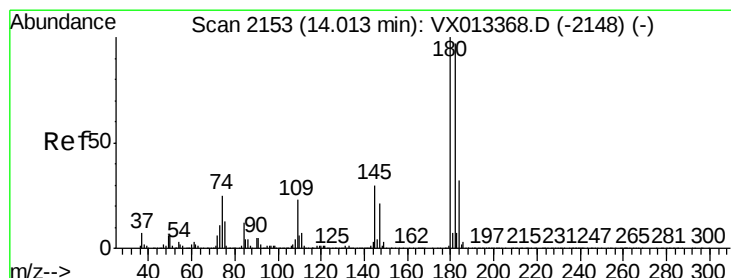
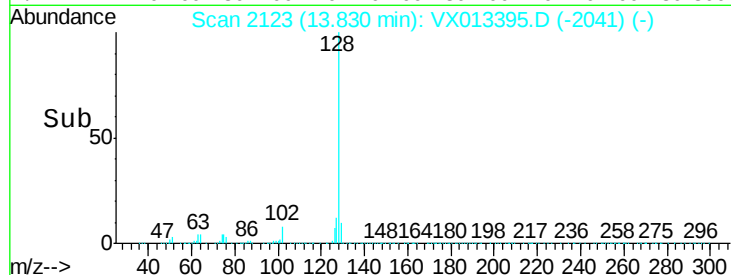
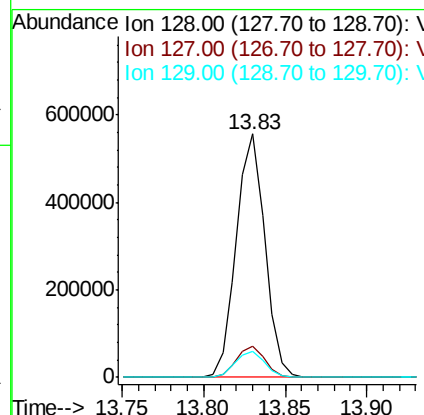
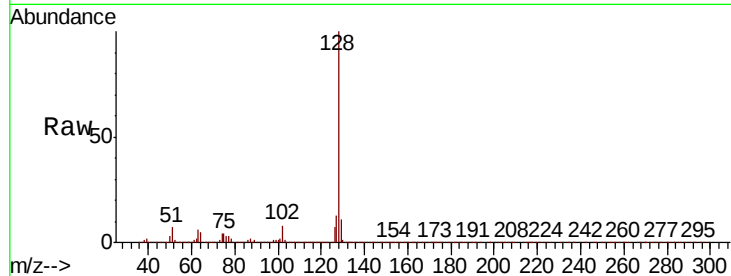
#91
Naphthalene
Concen: 18.568 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		680938		
127	12.8	10.2	15.2		
129	10.8	8.8	13.2		

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#92
1,2,3-Trichlorobenzene
Concen: 18.532 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013395.D
Acq: 12 Nov 2019 19:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		216922		
182	96.8	0.0	191.0		
145	30.4	0.0	59.0		

