

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111419\
 Data File : VX013410.D
 Acq On : 14 Nov 2019 09:52
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

MMDadoda
 11/15/2019 9:20:59 AM

Quant Time: Nov 15 03:03:23 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	119691	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	665632	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	589763	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	254868	28.84	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.13%
60) 4-Bromofluorobenzene	11.13	95	281260	29.67	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.90%
63) Toluene-d8	8.71	98	809068	30.34	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.13%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	176363	19.666 ug/l	98
3) Chloromethane	1.31	50	188492	19.285 ug/l	100
4) Vinyl Chloride	1.40	62	216525	19.497 ug/l	99
5) Bromomethane	1.62	94	120432	18.038 ug/l	99
6) Chloroethane	1.72	64	113925	18.662 ug/l	99
7) Trichlorofluoromethane	1.92	101	224820	18.804 ug/l	98
8) Diethyl Ether	2.17	74	103565	18.971 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	140663	19.555 ug/l	99
10) 1,1-Dichloroethene	2.36	96	139058	18.812 ug/l	96
11) Methyl Iodide	2.50	142	157879	17.297 ug/l	100
12) Methyl Acetate	2.76	43	236437	18.253 ug/l	98
13) Acrolein	2.28	56	124405	90.417 ug/l	99
14) Acrylonitrile	3.12	53	421693	88.532 ug/l	98
15) Acetone	2.43	58	139985	97.036 ug/l	95
16) Carbon Disulfide	2.56	76	380324	18.446 ug/l	100
17) Allyl chloride	2.72	41	251425	18.470 ug/l	100
18) Methylene Chloride	2.84	84	157709	18.804 ug/l	99
19) trans-1,2-Dichloroethene	3.16	96	146002	18.481 ug/l	96
20) Diisopropyl ether	3.84	45	491964	18.785 ug/l	96
21) 1,1-Dichloroethane	3.69	63	266217	18.663 ug/l	99
22) cis-1,2-Dichloroethene	4.58	96	168038	18.656 ug/l	98
23) tert-Butyl Alcohol	3.03	59	196186	85.586 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	454858	18.592 ug/l	99
25) Chloroform	5.19	83	263475	18.870 ug/l	99
26) Cyclohexane	5.56	56	244936	18.908 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	199072	19.581 ug/l	99
30) 2-Butanone	4.65	43	641800	95.639 ug/l	99
31) 2,2-Dichloropropane	4.57	77	217958m	19.795 ug/l	
32) 1,1,1-Trichloroethane	5.48	97	218707	19.354 ug/l	98
33) Carbon Tetrachloride	5.77	117	187859	19.139 ug/l	98
34) Benzene	6.13	78	609982	19.780 ug/l	98
35) Methacrylonitrile	5.02	41	121288	18.099 ug/l	96
36) 1,2-Dichloroethane	6.18	62	207281	19.203 ug/l	100
37) Trichloroethene	7.20	130	160623	19.442 ug/l	92
38) Methylcyclohexane	7.45	83	248857	19.963 ug/l	99
39) 1,2-Dichloropropane	7.50	63	155274	19.473 ug/l	98
40) Dibromomethane	7.65	93	102910	19.393 ug/l	99

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Manual Integrations
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Quant Time: Nov 15 03:03:23 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)
41) Bromodichloromethane	7.89	83	197651	19.080	ug/l	97
42) Vinyl Acetate	3.80	43	2036829	96.406	ug/l	100
43) Ethyl Acetate	4.82	43	222303	18.163	ug/l	96
44) Isopropyl Acetate	6.43	43	369289	18.770	ug/l	99
45) 1,4-Dioxane	7.73	88	81283	374.212	ug/l	98
46) Methyl methacrylate	7.76	41	183136	18.713	ug/l	99
47) n-amyl Acetate	10.89	43	312651	18.117	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	216924	18.675	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	244373	19.200	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	154108	19.626	ug/l	98
51) Ethyl methacrylate	9.17	69	246084	19.034	ug/l	97
52) 1,3-Dichloropropane	9.36	76	261889	19.509	ug/l	99
53) Dibromochloromethane	9.57	129	159815	19.203	ug/l	97
54) 1,2-Dibromoethane	9.67	107	159811	19.033	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	502978	91.050	ug/l	99
56) Bromoform	10.85	173	121404	18.331	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	1176197	95.468	ug/l	100
59) 2-Hexanone	9.48	43	915014	93.865	ug/l	100
61) Tetrachloroethene	9.33	164	147210	20.242	ug/l	98
62) Toluene	8.78	91	660301	20.100	ug/l	99
64) Chlorobenzene	10.14	112	403144	19.627	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	150619	19.590	ug/l	98
66) Ethyl Benzene	10.25	91	711834	19.724	ug/l	98
67) m/p-Xylenes	10.36	106	547741	39.345	ug/l	99
68) o-Xylene	10.70	106	261289	19.448	ug/l	99
69) Styrene	10.71	104	440169	19.186	ug/l	98
70) Isopropylbenzene	11.01	105	701615	19.818	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	244836	19.315	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	194198m	18.144	ug/l	
73) Bromobenzene	11.25	156	179874	19.266	ug/l	98
74) n-propylbenzene	11.35	91	791166	19.665	ug/l	100
75) 2-Chlorotoluene	11.42	91	468010	19.562	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	589843	19.822	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	77597	17.930	ug/l	97
78) 4-Chlorotoluene	11.51	91	542204	19.780	ug/l	99
79) tert-butylbenzene	11.76	119	573070	19.087	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	575465	19.406	ug/l	99
81) sec-Butylbenzene	11.94	105	672908	19.644	ug/l	99
82) p-Isopropyltoluene	12.06	119	621579	19.694	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	316640	19.291	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	314113	19.279	ug/l	99
85) n-Butylbenzene	12.39	91	515939	18.941	ug/l	99
86) Hexachloroethane	12.59	117	107565	18.572	ug/l	99
87) 1,2-Dichlorobenzene	12.39	146	313038	19.072	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	51547	18.184	ug/l	96
89) 1,2,4-Trichlorobenzene	13.64	180	198230	17.516	ug/l	94
90) Hexachlorobutadiene	13.78	225	103723	19.127	ug/l	98
91) Naphthalene	13.83	128	632756	17.659	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	207087	18.107	ug/l	100

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ClientSampleId :
VSTDCCC020

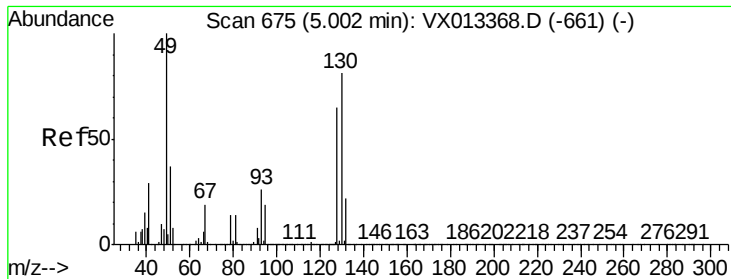
Manual Integrations
APPROVED

MMDadoda
11/15/2019 9:20:59 AM

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



#1

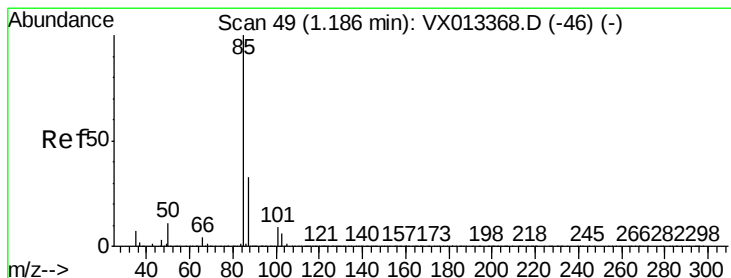
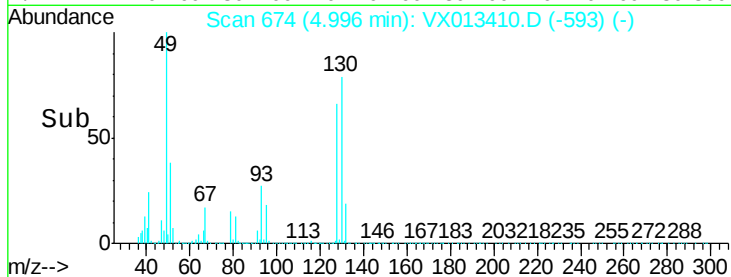
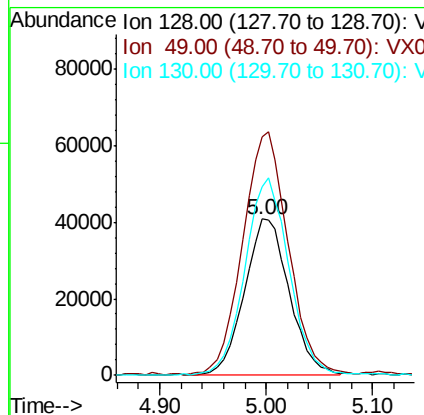
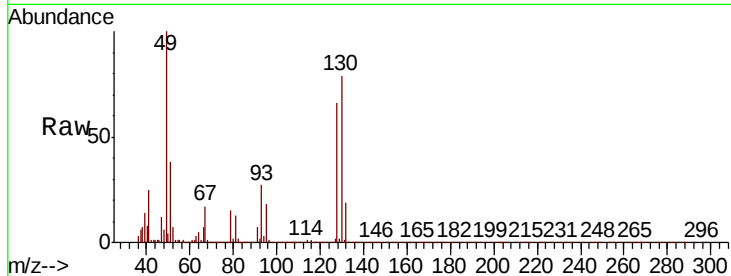
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.0	0.0	388.3
130	123.5	0.0	318.5

Manual Integrations
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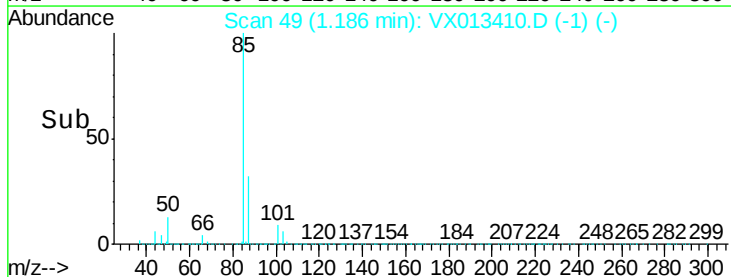
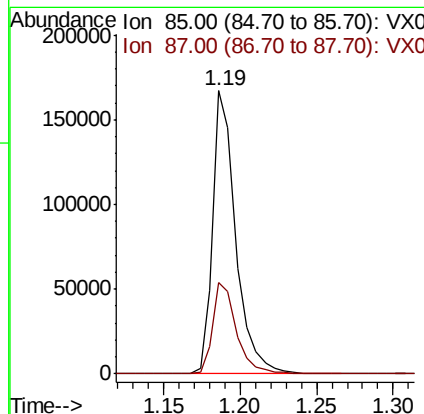
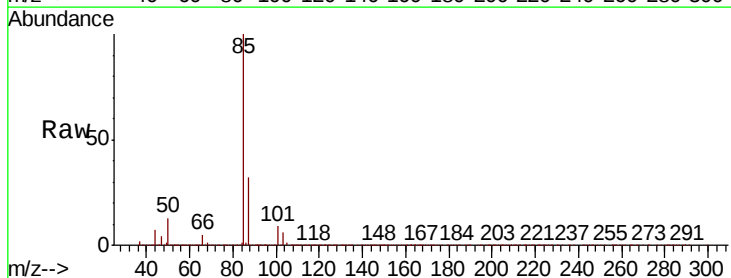
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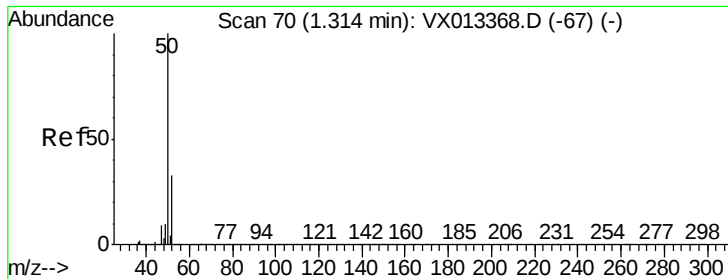


#2

Dichlorodifluoromethane
Concen: 19.666 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	16.6	49.7





#3

Chloromethane

Concen: 19.285 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 188492

Ion Ratio Lower Upper

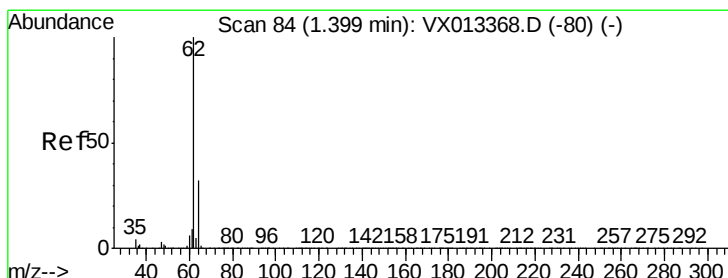
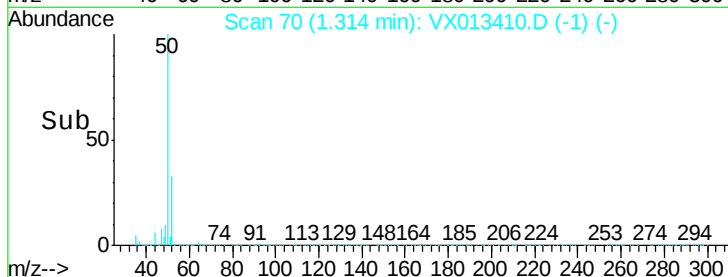
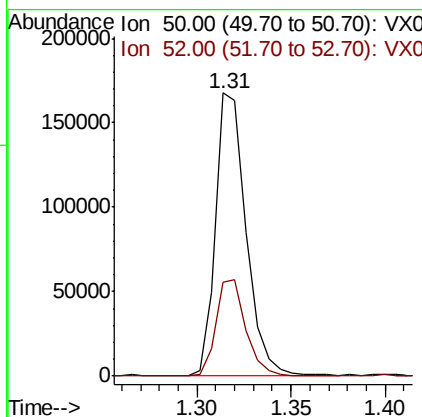
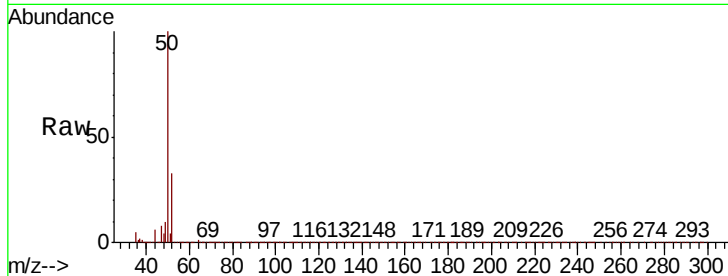
50 100

52 33.2 26.6 40.0

Manual Integrations
APPROVED

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#4

Vinyl Chloride

Concen: 19.497 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013410.D

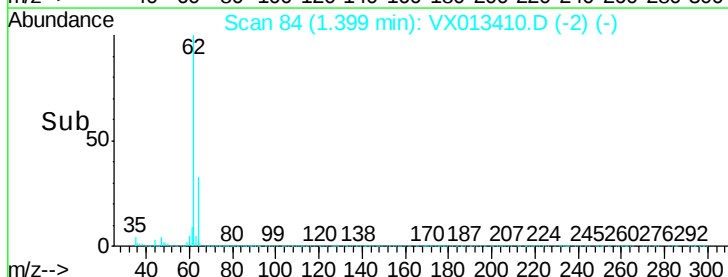
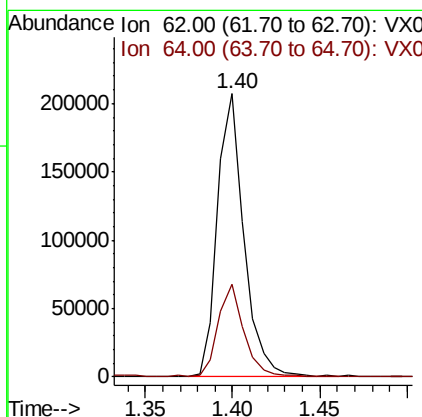
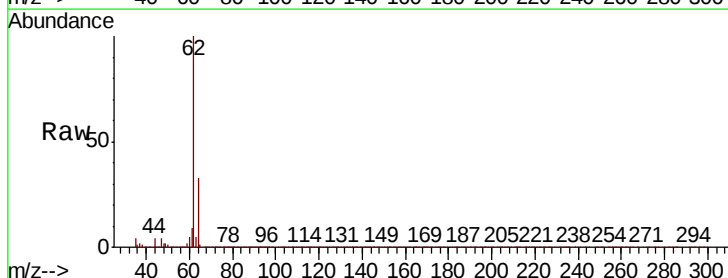
Acq: 14 Nov 2019 09:52

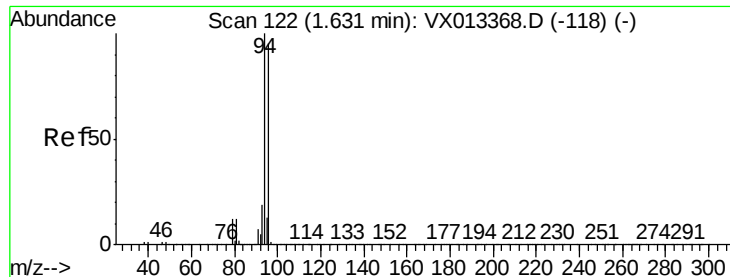
Tgt Ion: 62 Resp: 216525

Ion Ratio Lower Upper

62 100

64 32.5 25.4 38.2





#5

Bromomethane

Concen: 18.038 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 120432

Ion Ratio Lower Upper

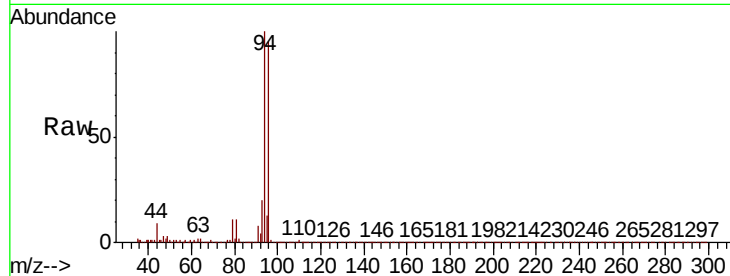
94 100

96 95.7 75.7 113.5

Manual Integrations
APPROVED

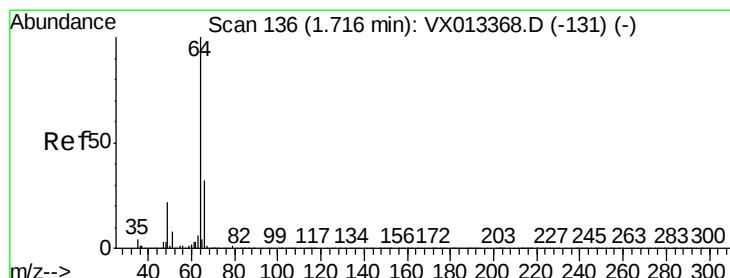
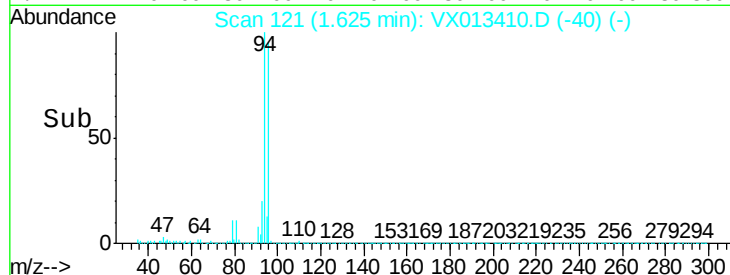
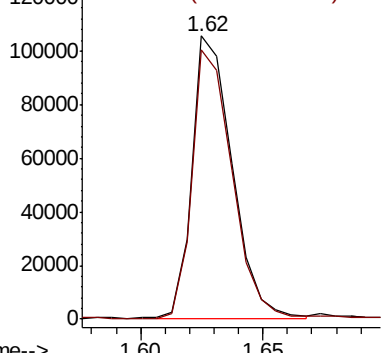
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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0



#6

Chloroethane

Concen: 18.662 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013410.D

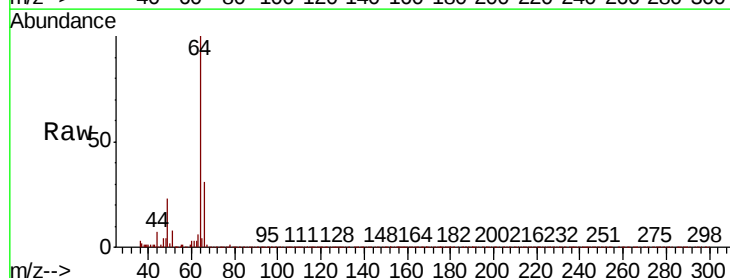
Acq: 14 Nov 2019 09:52

Tgt Ion: 64 Resp: 113925

Ion Ratio Lower Upper

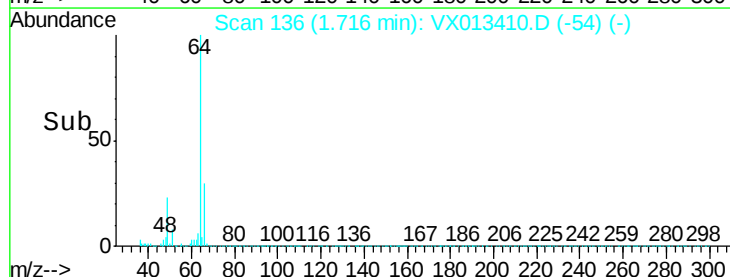
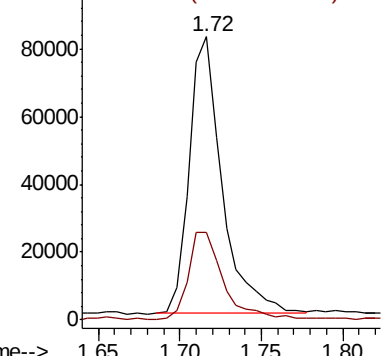
64 100

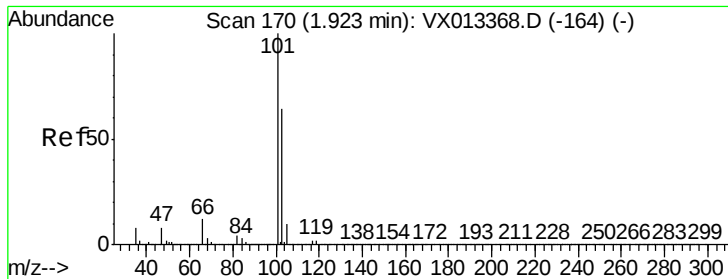
66 31.3 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0





#7

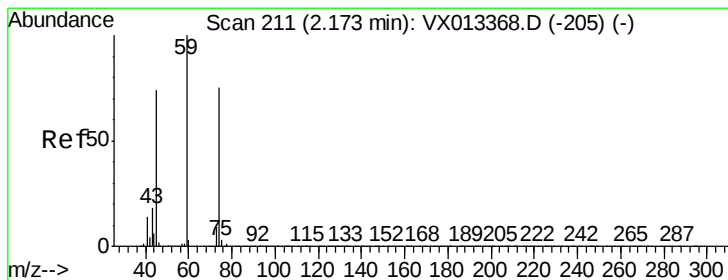
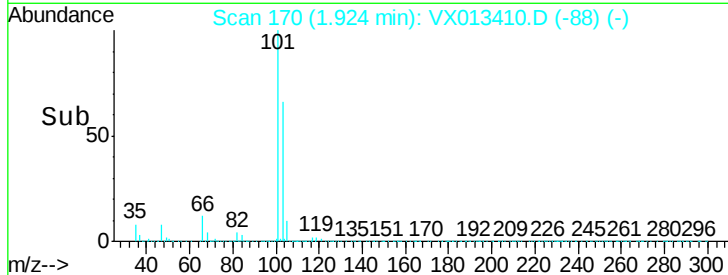
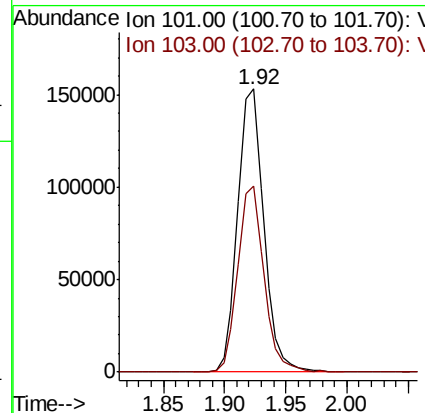
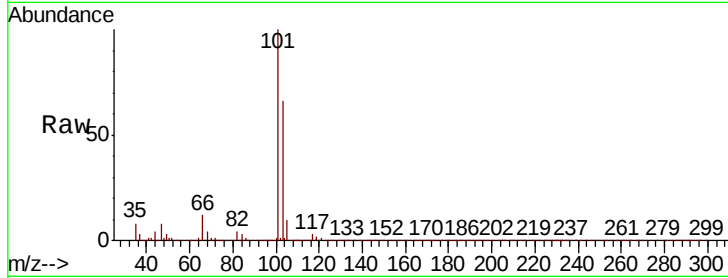
Trichlorofluoromethane
Concen: 18.804 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	51.2	76.8

Manual Integrations
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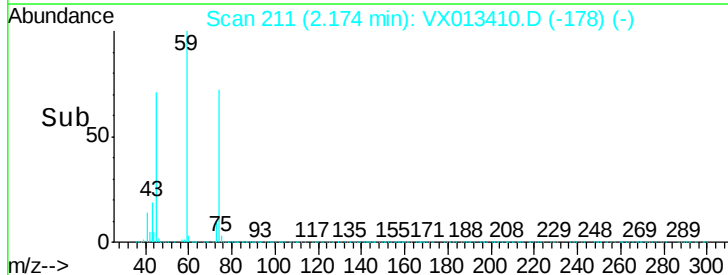
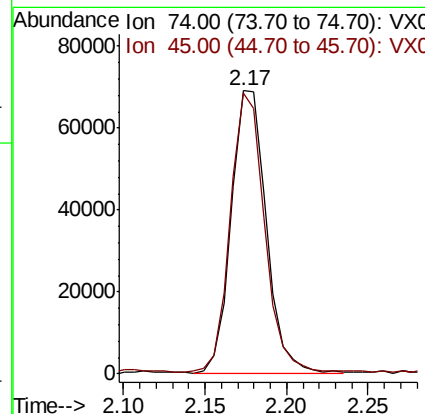
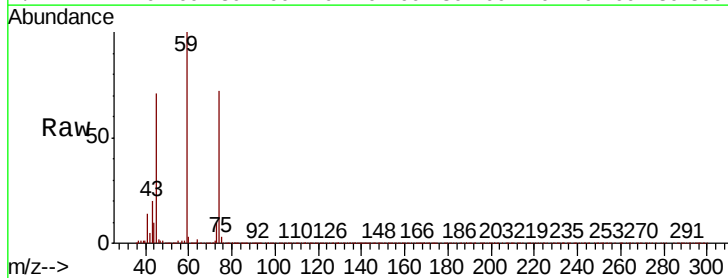
MMDadoda
11/15/2019 9:20:59 AM

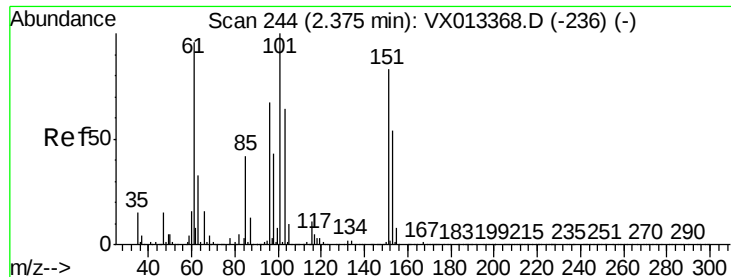


#8

Diethyl Ether
Concen: 18.971 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.8	19.5	175.5





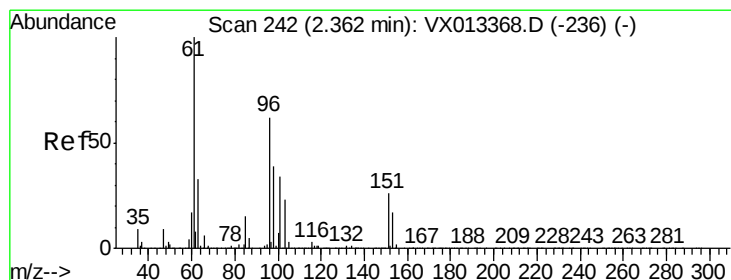
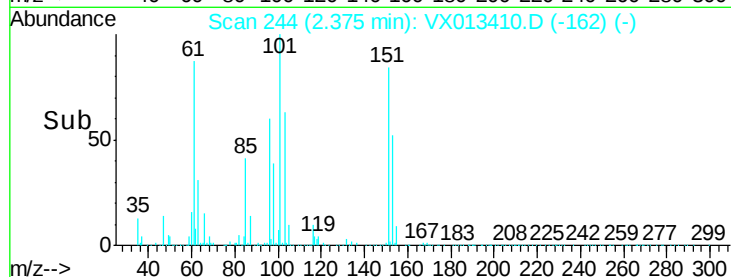
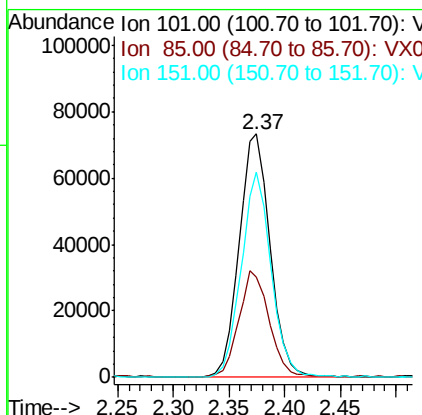
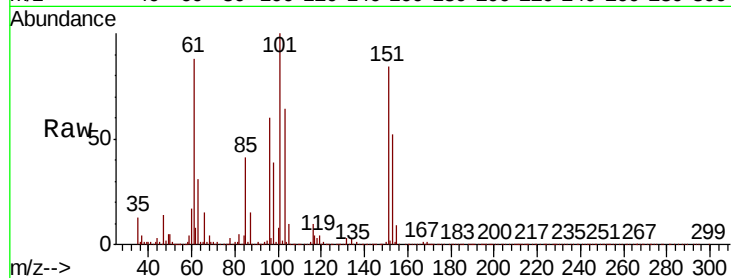
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.555 ug/l
RT: 2.37 min Scan# 244
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
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ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp Lower	Upper
101	100		
85	42.7	0.0	83.2
151	81.8	0.0	163.8

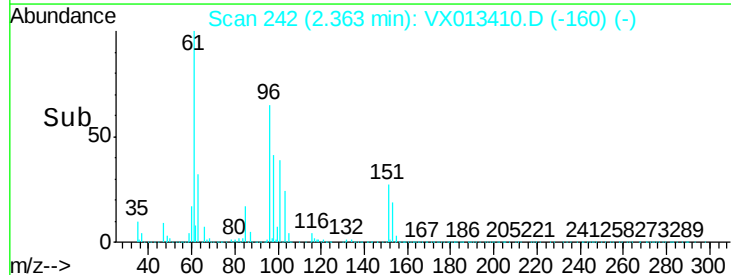
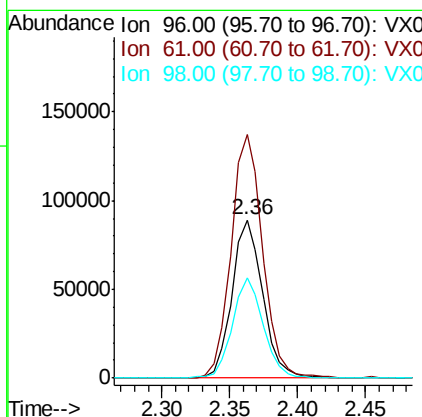
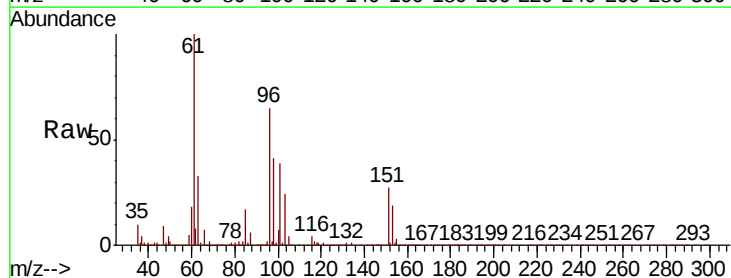
Manual Integrations
APPROVED

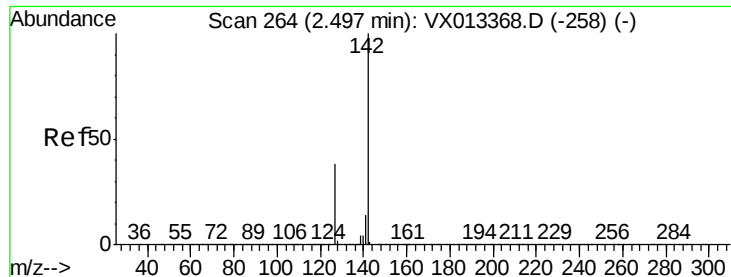
MMDadoda
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#10
1,1-Dichloroethene
Concen: 18.812 ug/l
RT: 2.36 min Scan# 242
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp Lower	Upper
96	100		
61	153.6	128.9	193.3
98	63.1	49.7	74.5





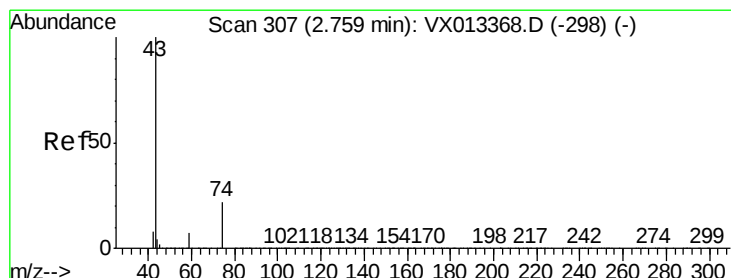
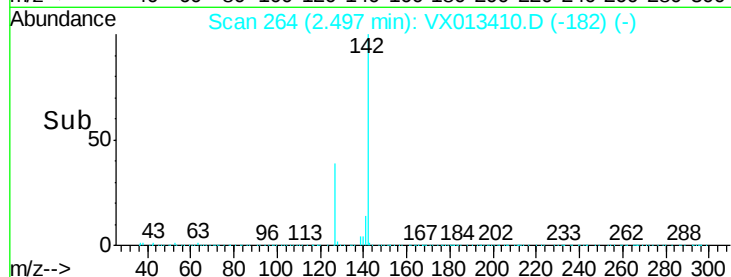
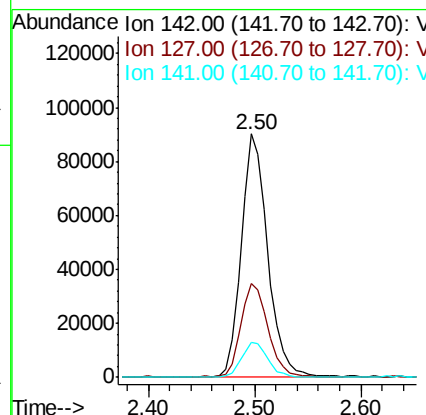
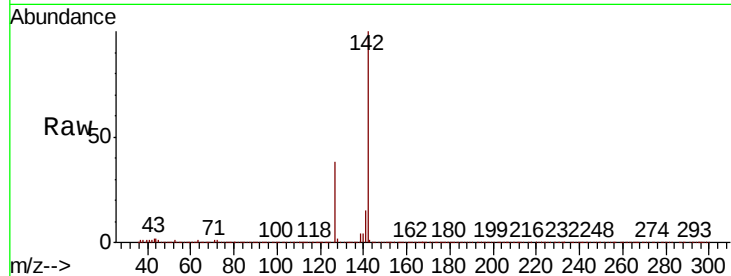
#11
Methvl Iodide
Concen: 17.297 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.3	19.1	57.5
141	14.2	7.0	21.0

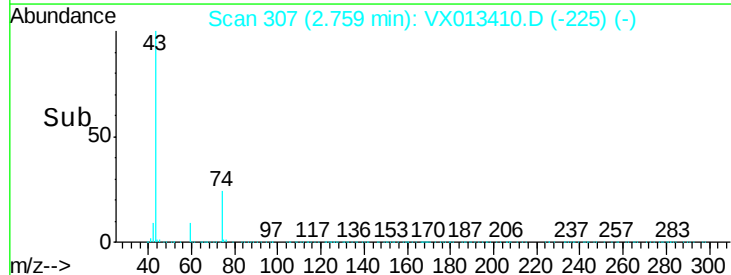
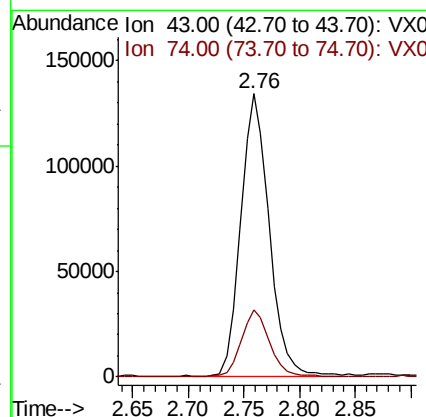
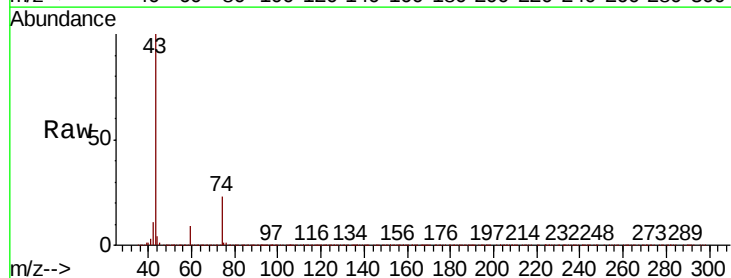
Manual Integrations
APPROVED

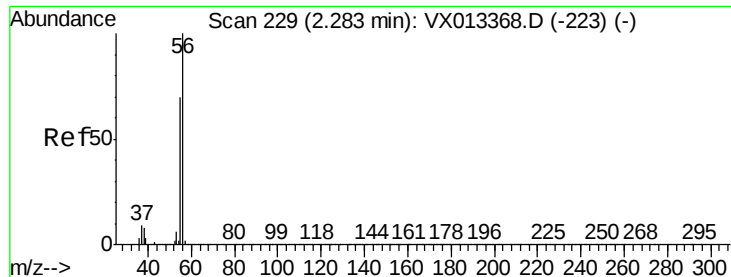
MMDadoda
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#12
Methyl Acetate
Concen: 18.253 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.3	18.0	27.0





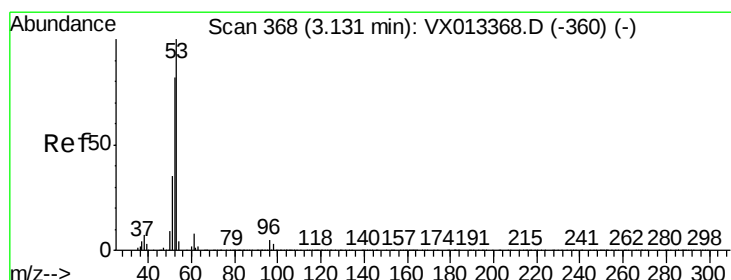
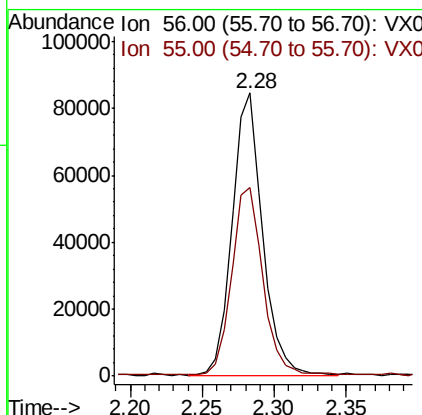
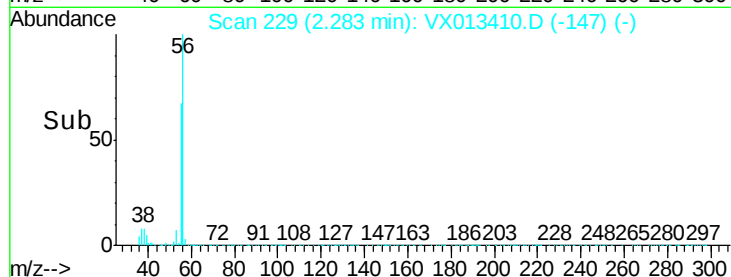
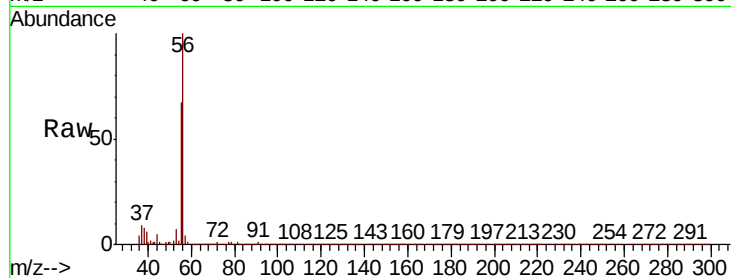
#13
Acrolein
Concen: 90.417 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
56	100		
55	68.6	55.8	83.8

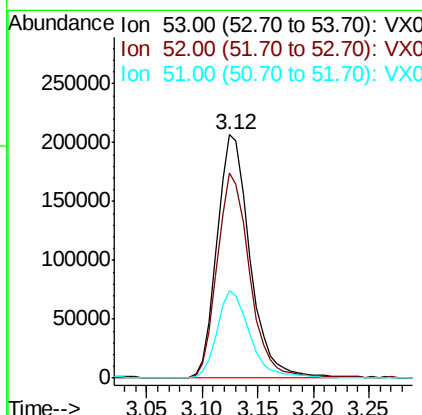
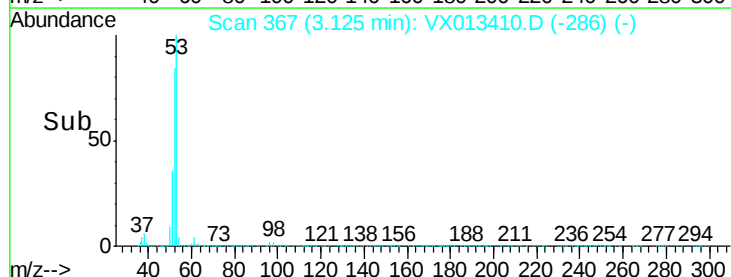
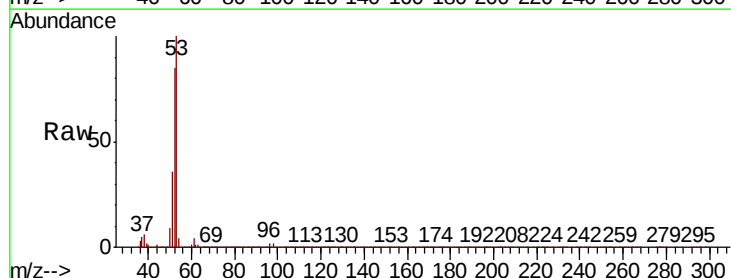
Manual Integrations
APPROVED

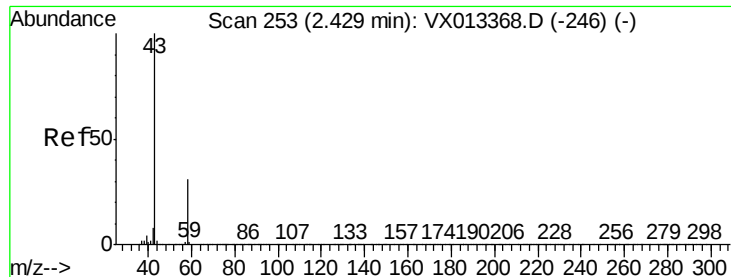
MMDadoda
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#14
Acrylonitrile
Concen: 88.532 ug/l
RT: 3.12 min Scan# 367
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.7	41.0	123.0
51	35.8	17.3	51.9





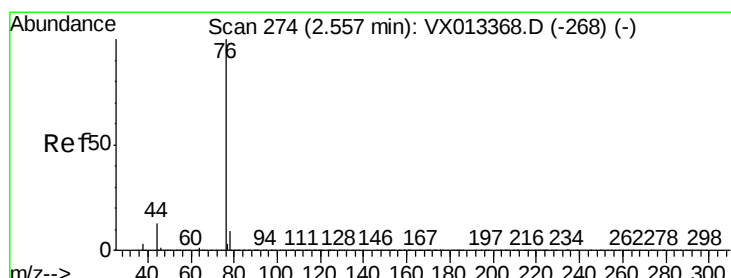
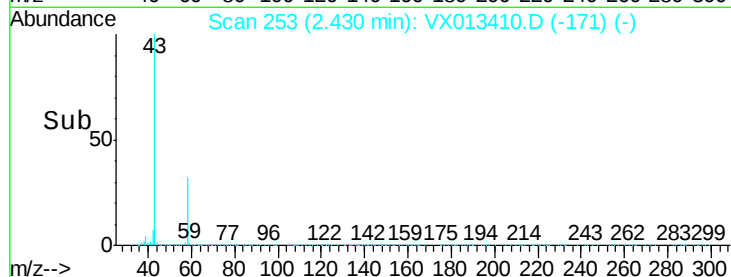
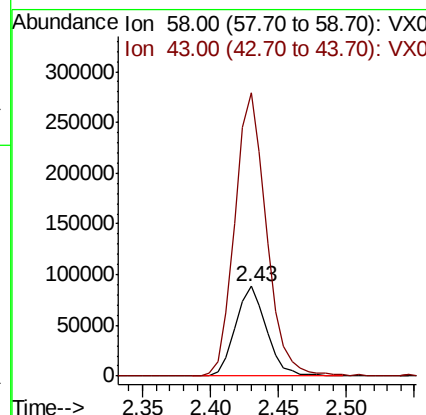
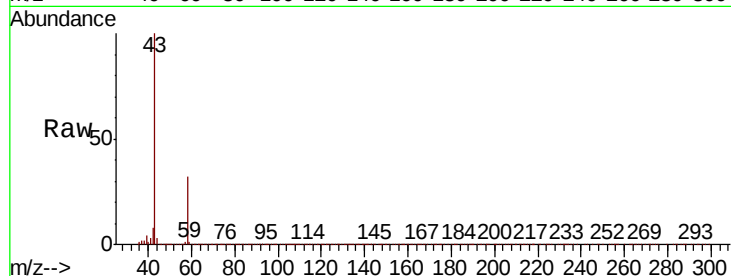
#15
Acetone
Concen: 97.036 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	58	Resp	139985
Ion Ratio	Lower	Upper	
58	100		
43	316.4	261.4	392.2

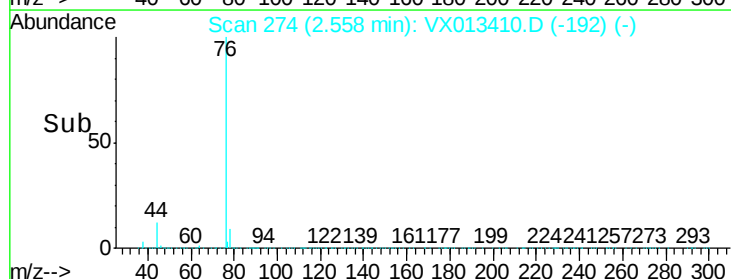
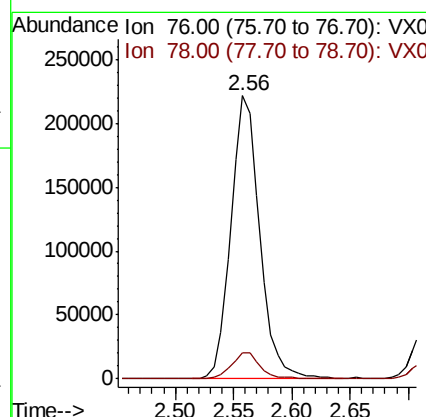
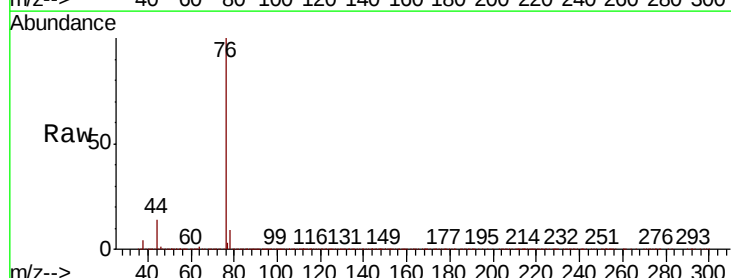
Manual Integrations
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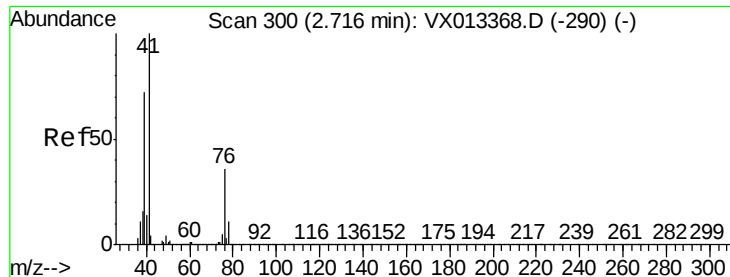
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#16
Carbon Disulfide
Concen: 18.446 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	76	Resp	380324
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.4	11.0





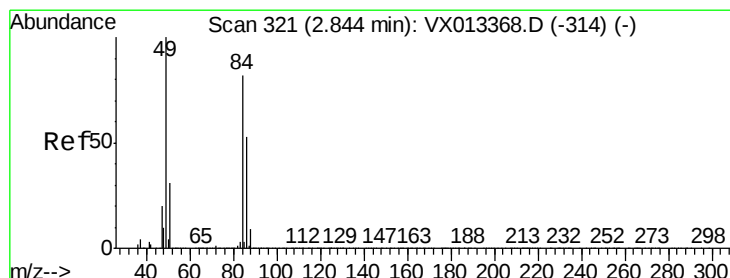
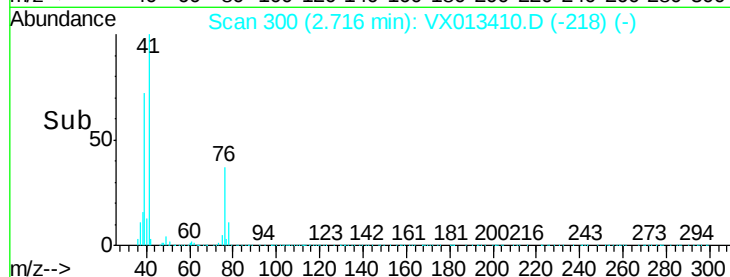
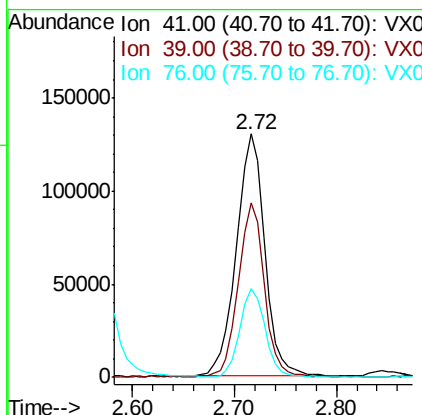
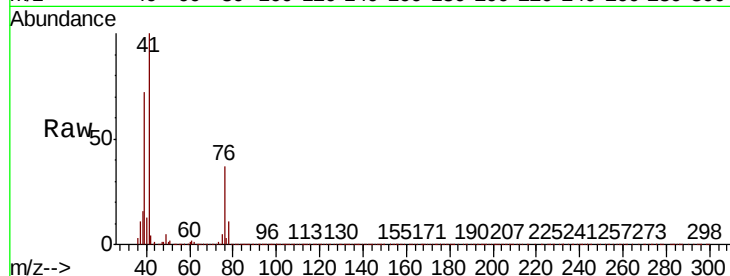
#17
Allvl chloride
Concen: 18.470 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
41	100	251425		
39	71.9		36.1	108.3
76	36.6		18.1	54.4

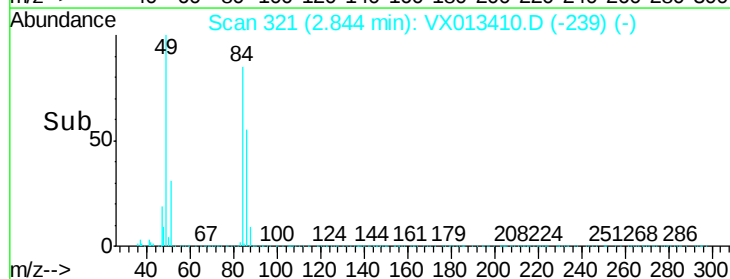
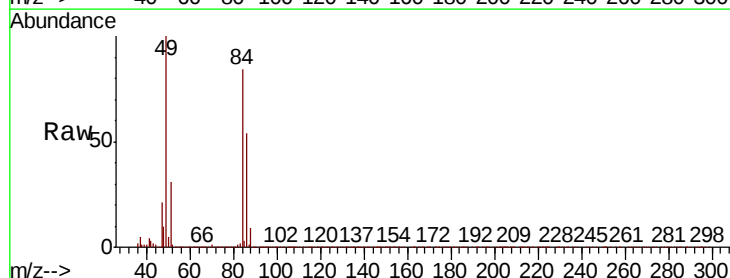
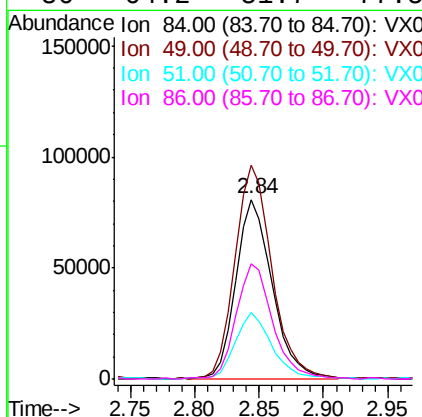
Manual Integrations
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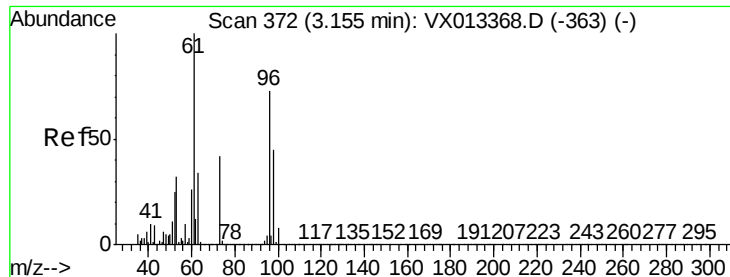
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#18
Methylene Chloride
Concen: 18.804 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
84	100	157709		
49	119.1		96.8	145.2
51	36.8		30.0	45.0
86	64.2		51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 18.481 ug/l

RT: 3.16 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

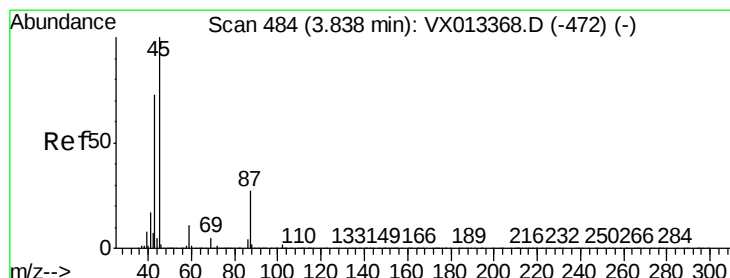
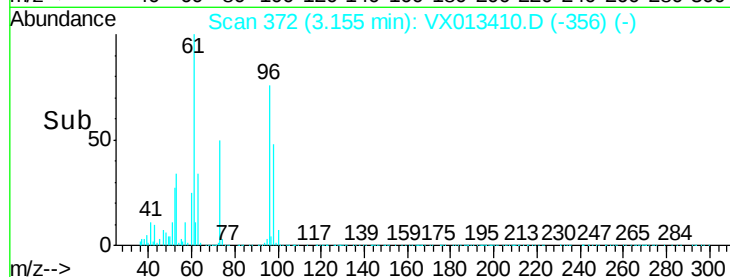
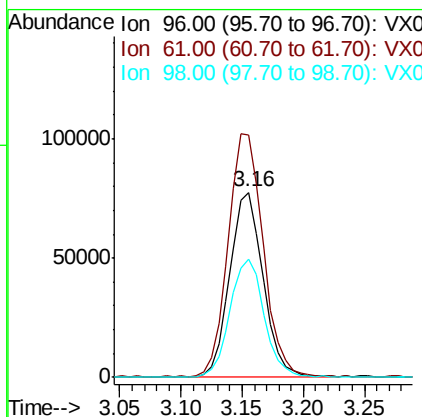
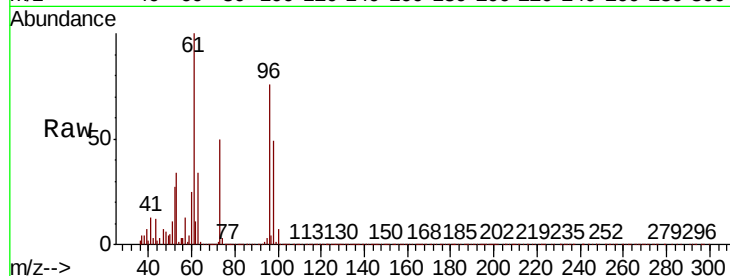
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	146002
Ion	Ratio	Lower	Upper
96	100		
61	131.0	109.9	164.9
98	63.8	49.7	74.5

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#20

Diisopropyl ether

Concen: 18.785 ug/l

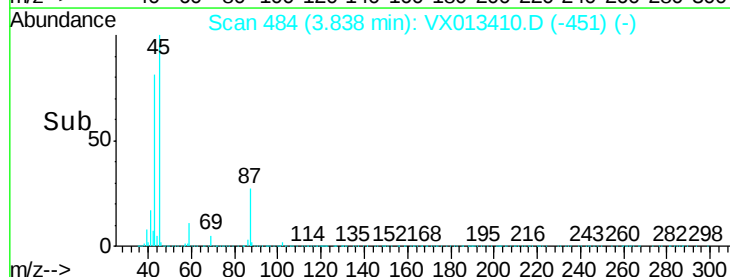
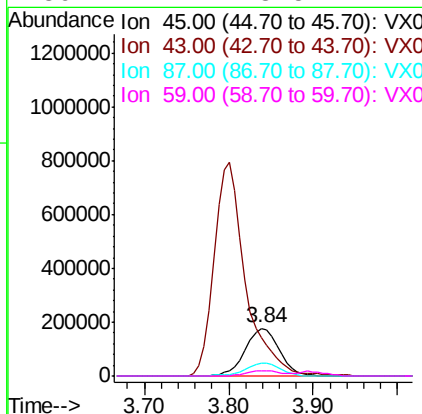
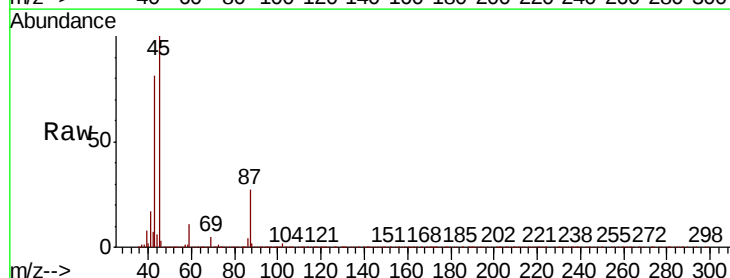
RT: 3.84 min Scan# 484

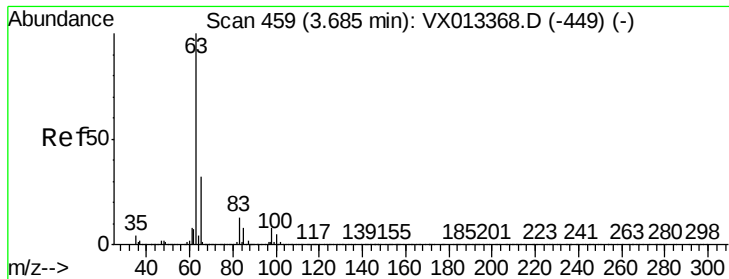
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	45	Resp:	491964
Ion	Ratio	Lower	Upper
45	100		
43	80.3	67.7	101.5
87	26.7	21.5	32.3
59	11.2	8.5	12.7





#21

1,1-Dichloroethane

Concen: 18.663 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

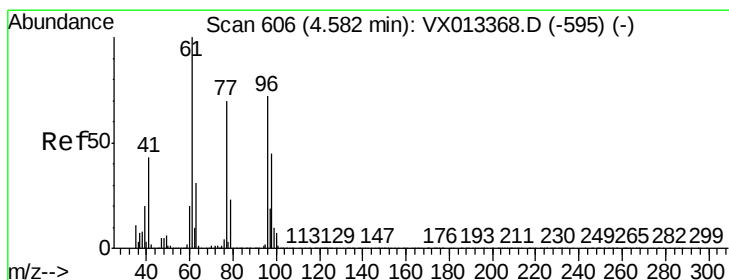
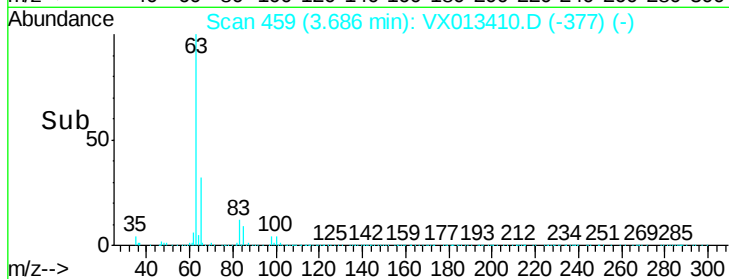
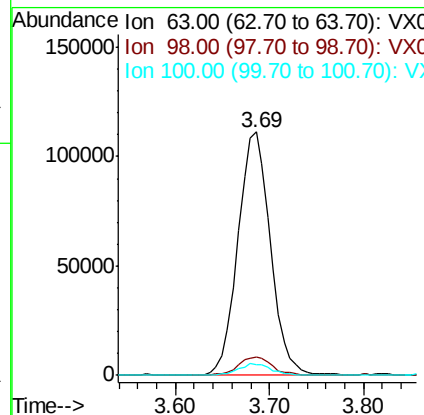
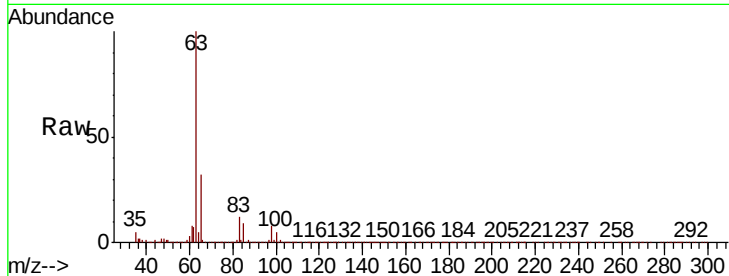
ClientSampleId :

VSTDCCC020

Tot Ion:	63	Resp:	266217
Ion Ratio		Lower	Upper
63	100		
98	7.6	4.0	11.9
100	4.4	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 18.656 ug/l

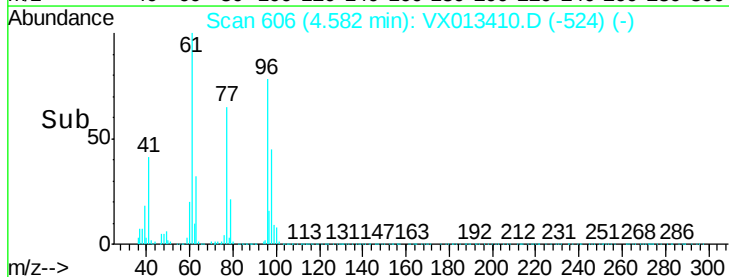
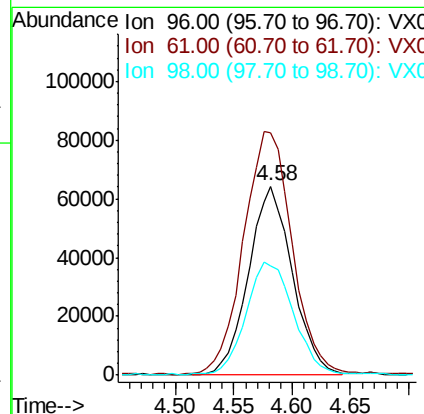
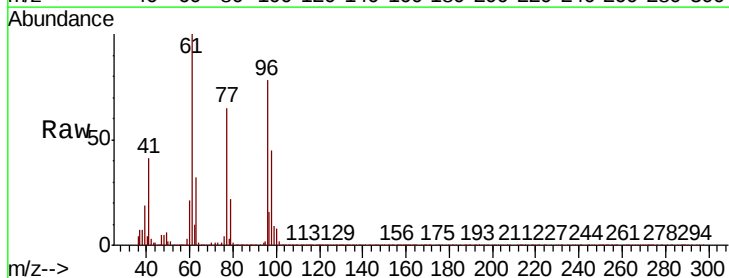
RT: 4.58 min Scan# 606

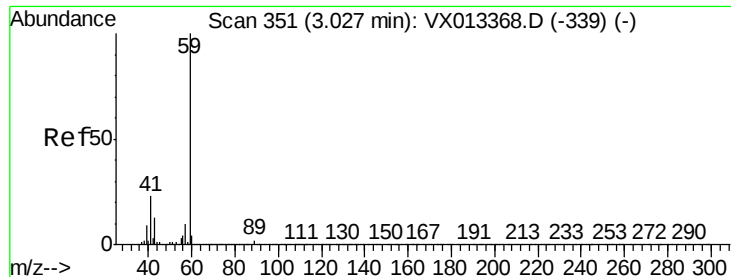
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	96	Resp:	168038
Ion Ratio		Lower	Upper
96	100		
61	142.9	117.0	175.6
98	63.3	51.1	76.7





#23

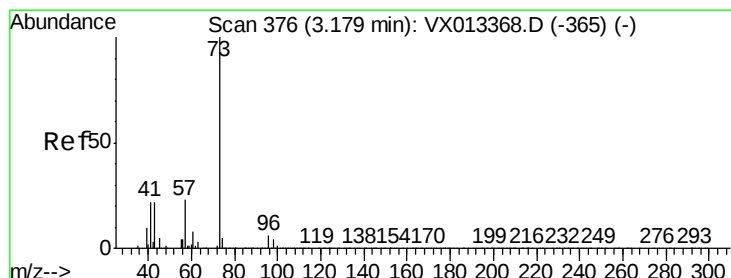
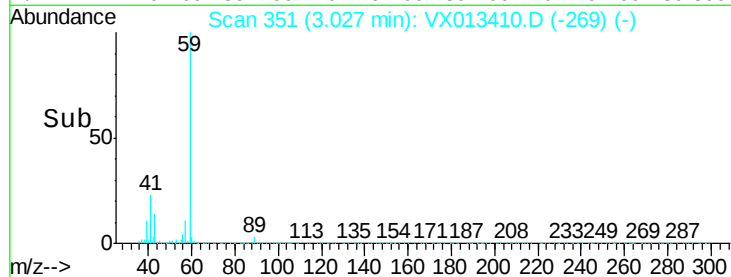
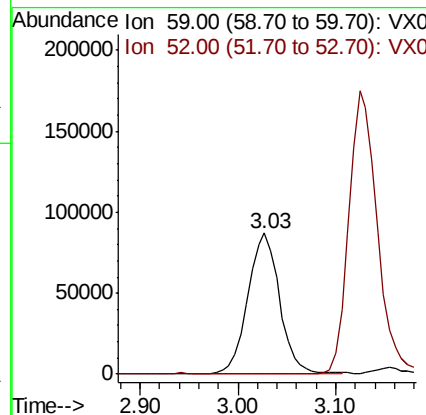
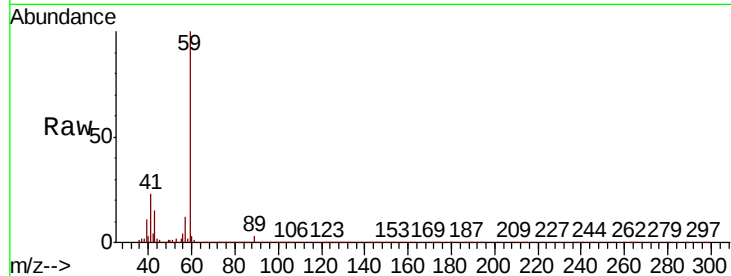
tert-Butyl Alcohol
Concen: 85.586 ug/l
RT: 3.03 min Scan# 351
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.1	0.1#

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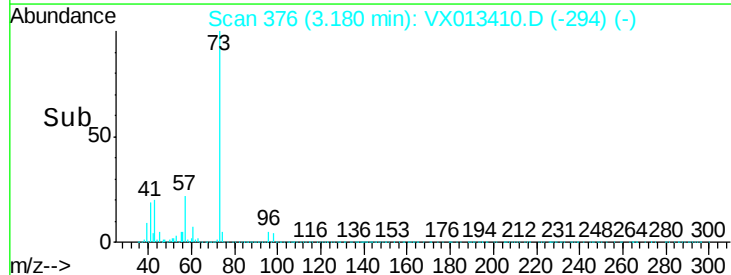
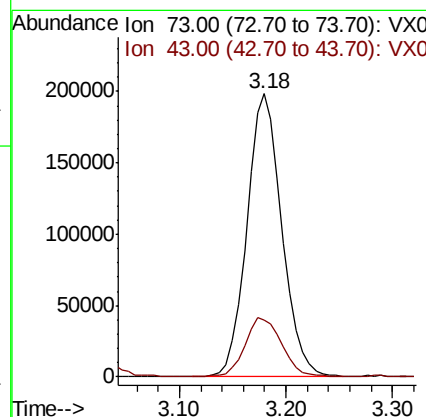
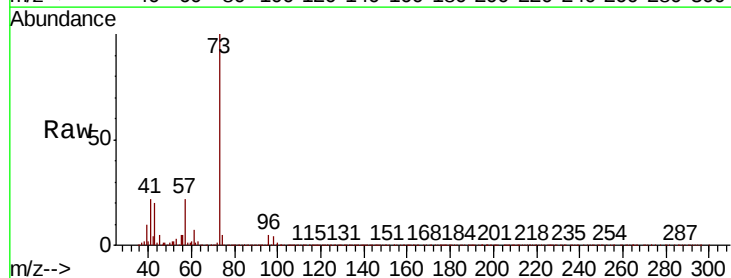
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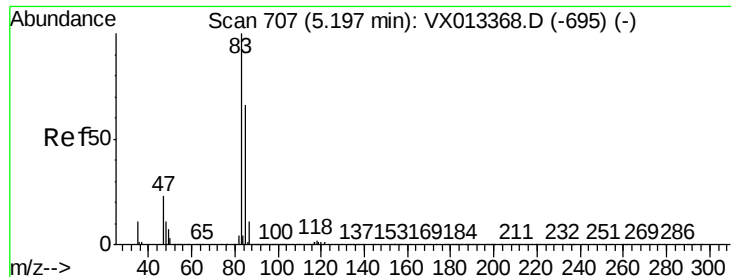


#24

Methyl tert-Butyl Ether
Concen: 18.592 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.7	17.0	25.6





#25

Chloroform

Concen: 18.870 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 263475

Ion Ratio Lower Upper

83 100

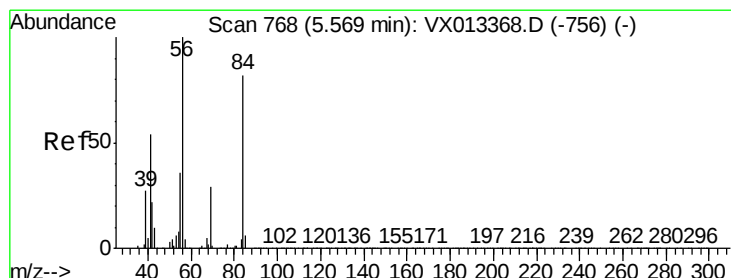
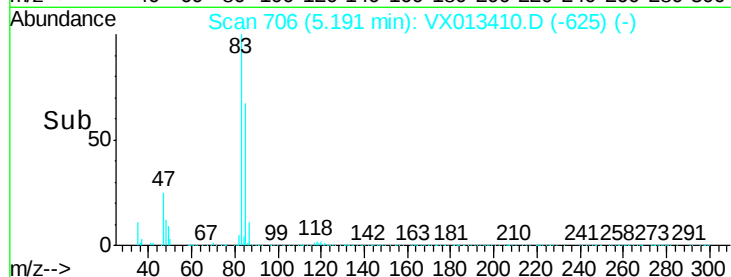
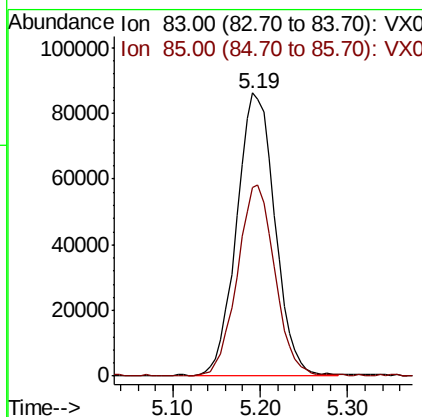
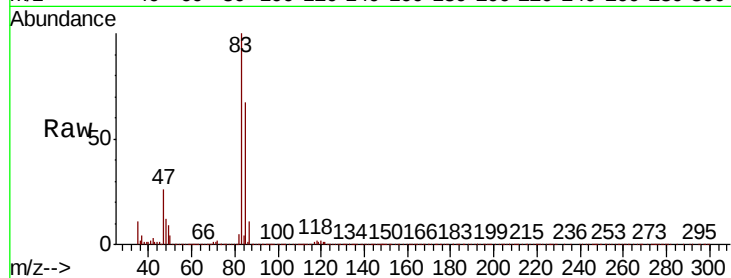
85 66.5 52.4 78.6

Manual Integrations

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#26

Cyclohexane

Concen: 18.908 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

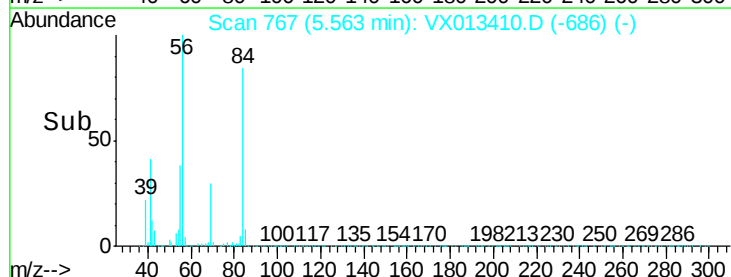
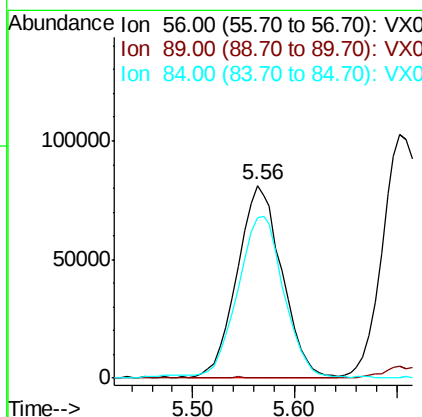
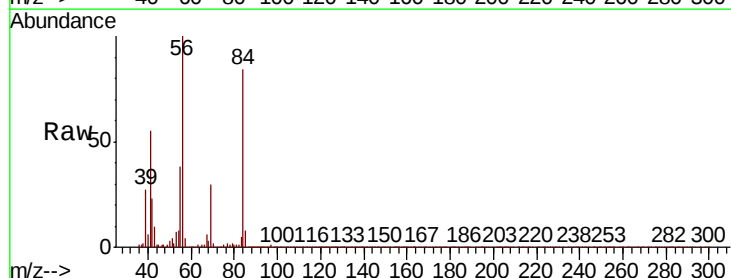
Tgt Ion: 56 Resp: 244936

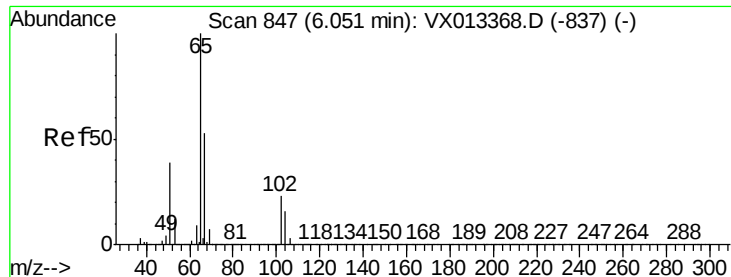
Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 87.4 70.5 105.7





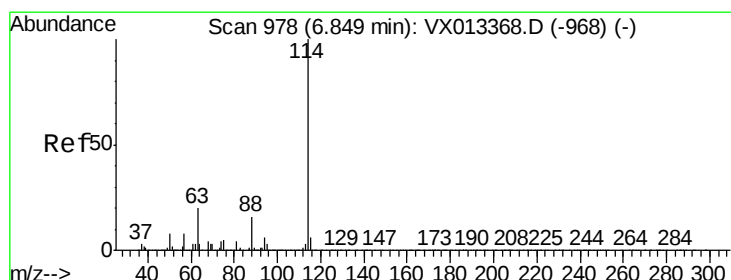
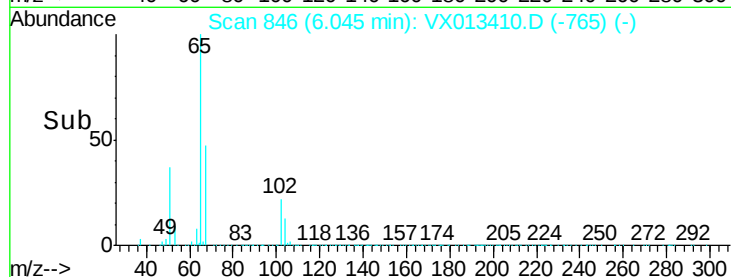
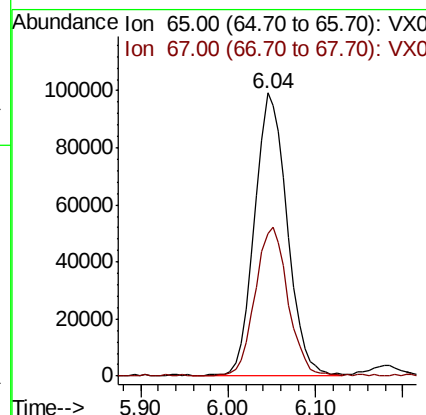
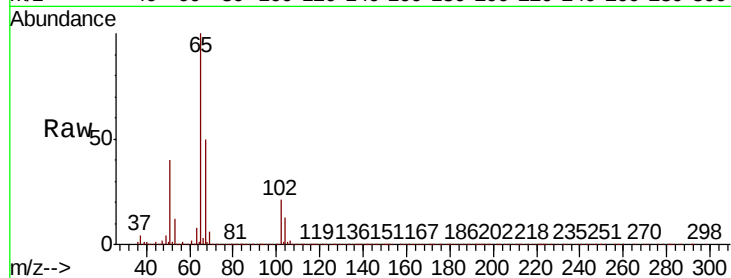
#27
 1,2-Dichloroethane-d4
 Concen: 28.837 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.0	41.0	61.6

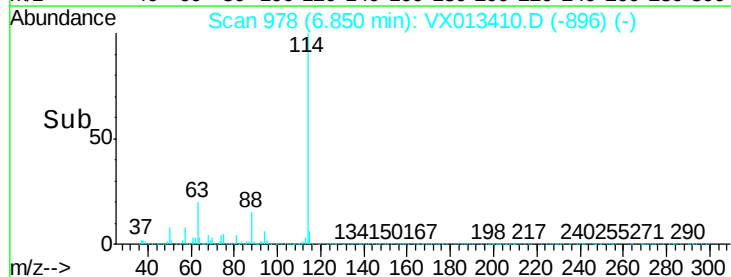
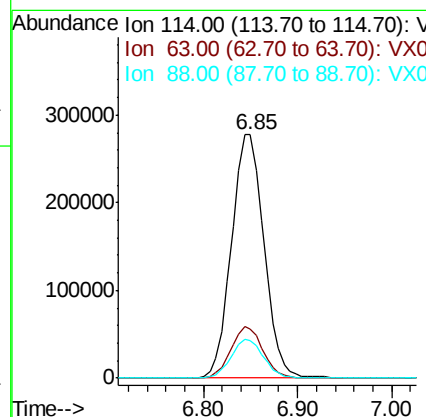
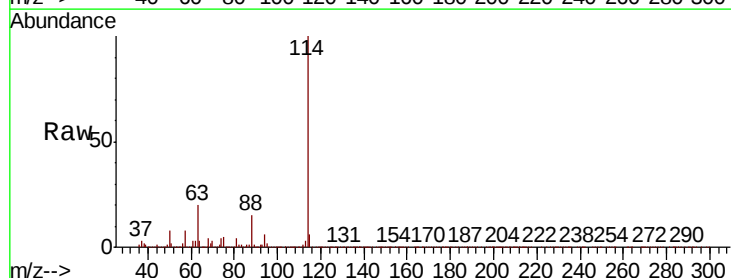
Manual Integrations
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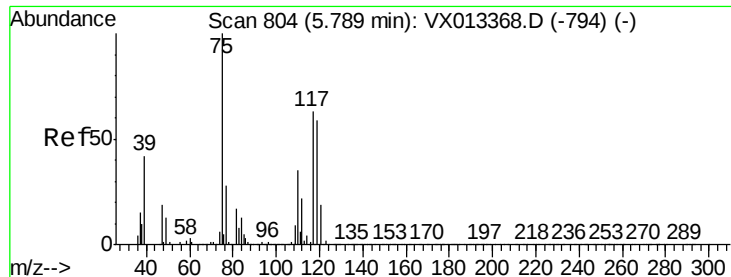
MMDadoda
 11/15/2019 9:20:59 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.5	16.1	24.1
88	15.7	12.3	18.5





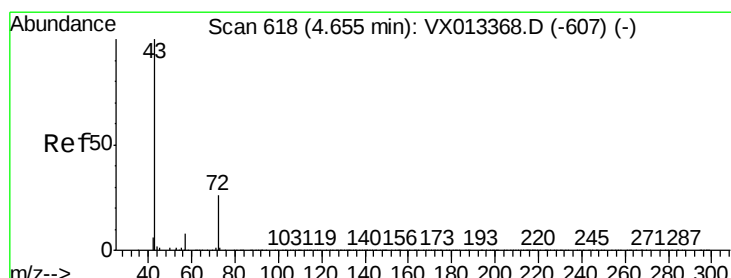
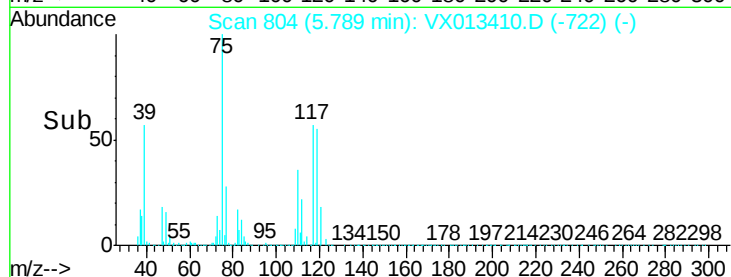
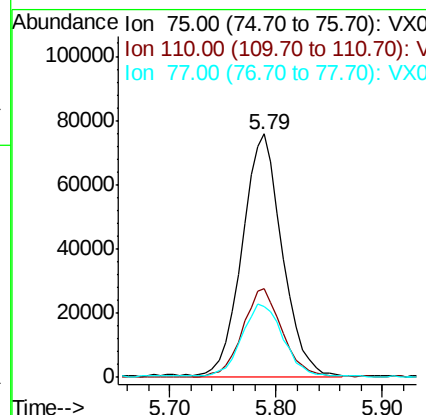
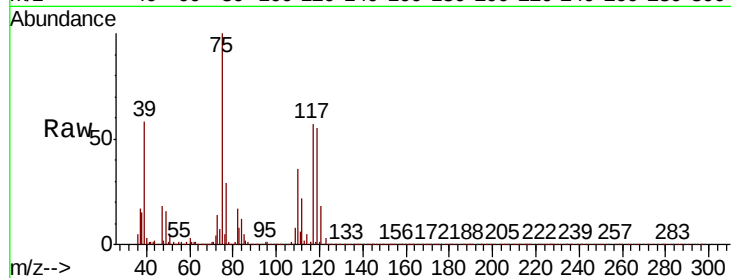
#29
 1,1-Dichloropropene
 Concen: 19.581 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	35.9	0.0	74.6
77	31.0	0.0	62.6

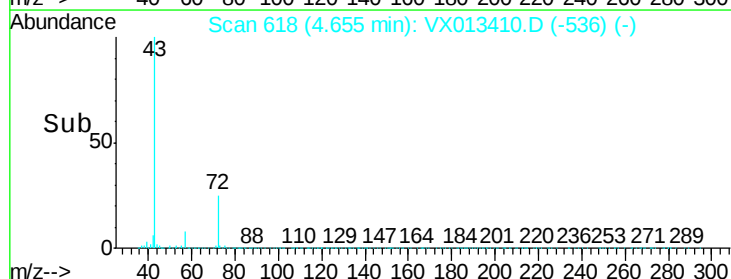
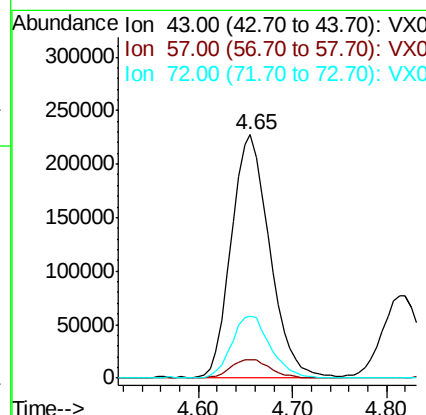
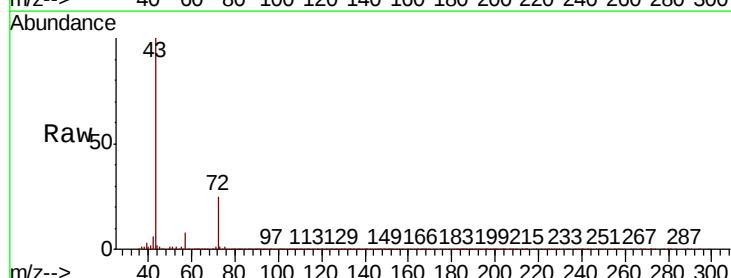
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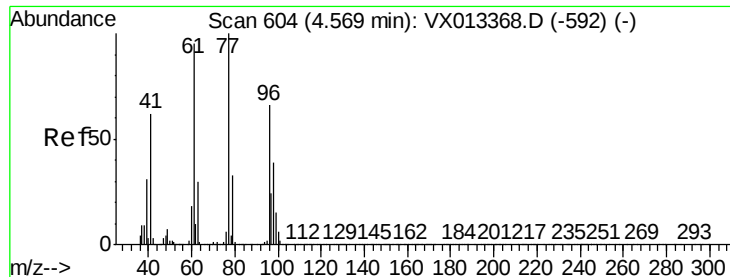
MMDadoda
 11/15/2019 9:20:59 AM



#30
 2-Butanone
 Concen: 95.639 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.1	9.1
72	25.3	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.795 ug/l m

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 77 Resp: 217958

Ion Ratio Lower Upper

77 100

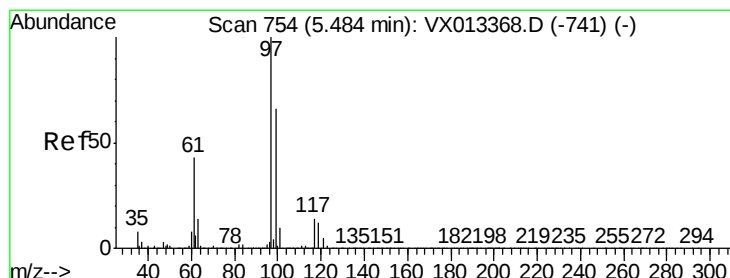
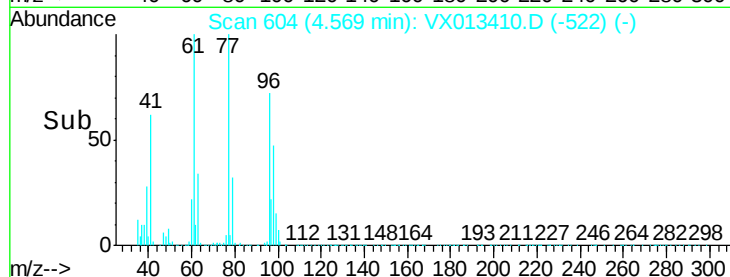
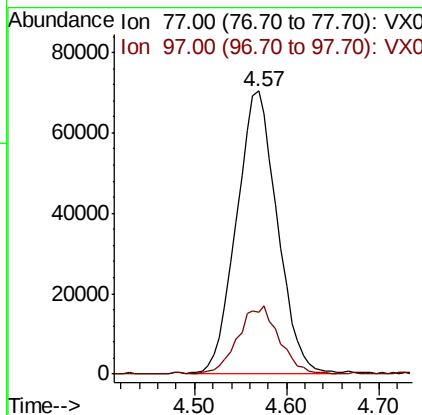
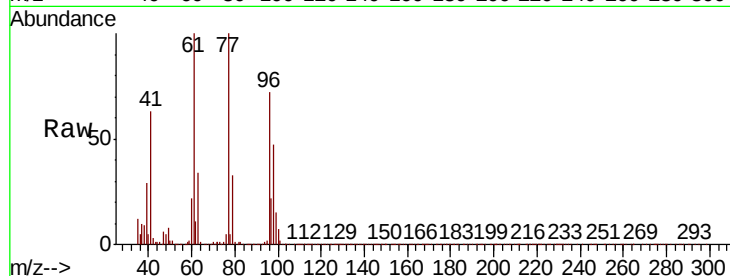
97 0.1 19.2 28.8#

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 19.354 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

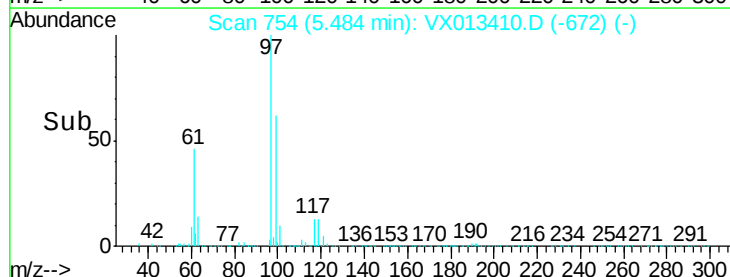
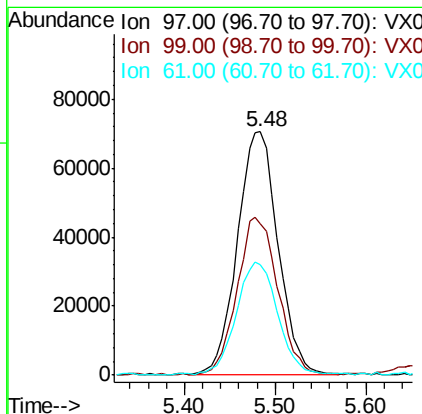
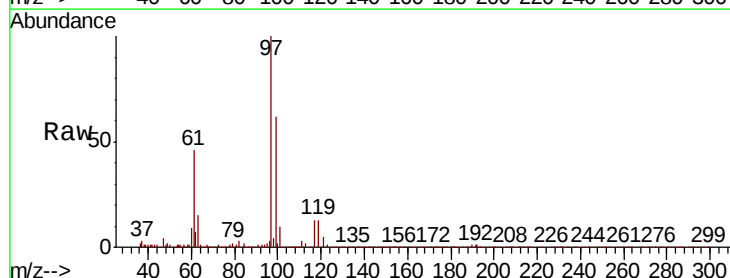
Tgt Ion: 97 Resp: 218707

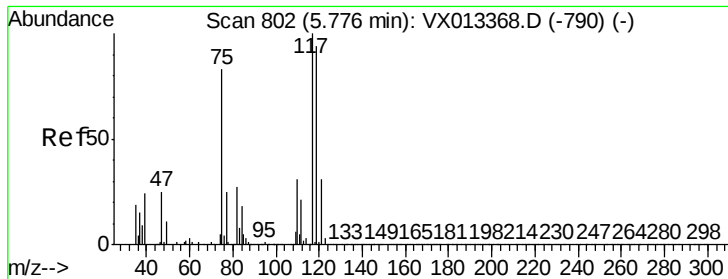
Ion Ratio Lower Upper

97 100

99 64.4 52.5 78.7

61 47.4 36.1 54.1





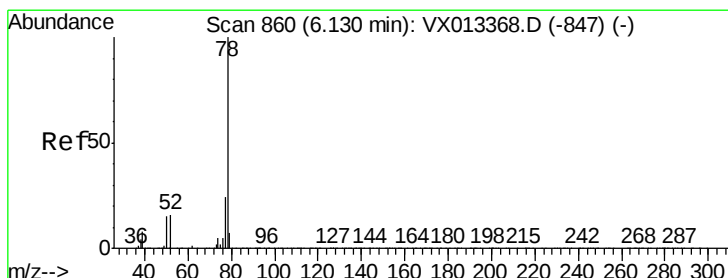
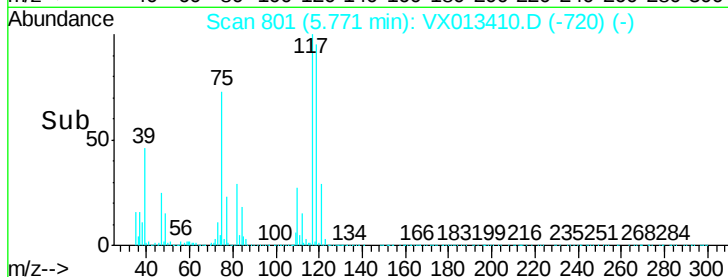
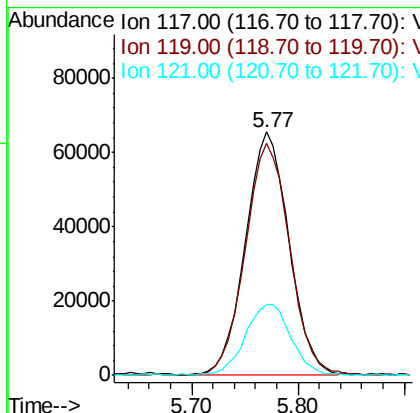
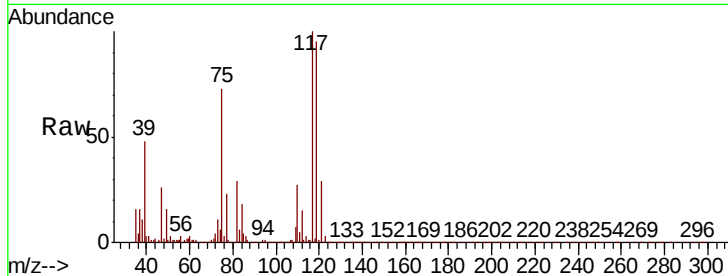
#33
Carbon Tetrachloride
Concen: 19.139 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.0	112.6
121	29.3	24.9	37.3

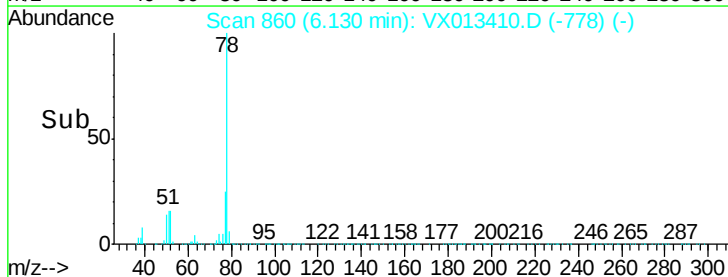
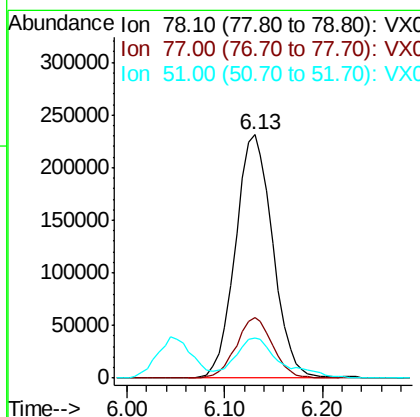
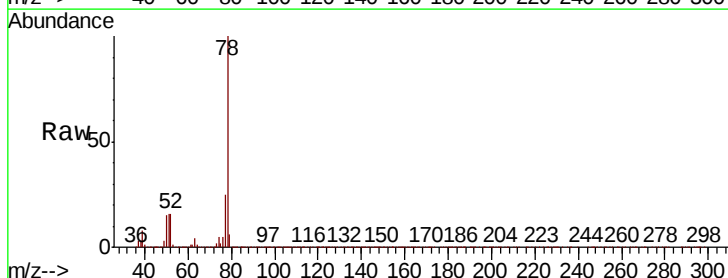
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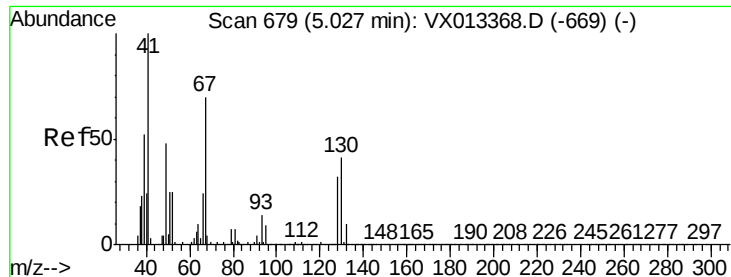
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#34
Benzene
Concen: 19.780 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.3	28.9
51	15.7	12.2	18.4





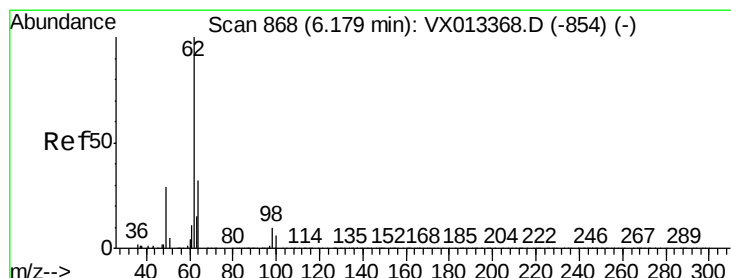
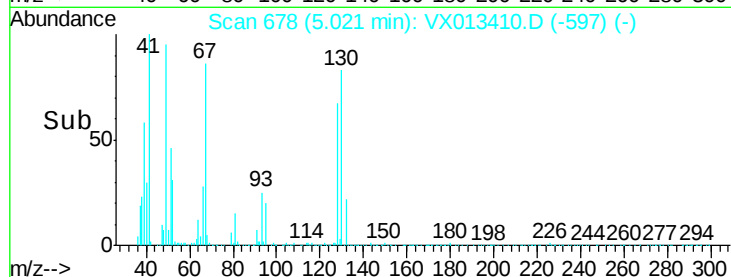
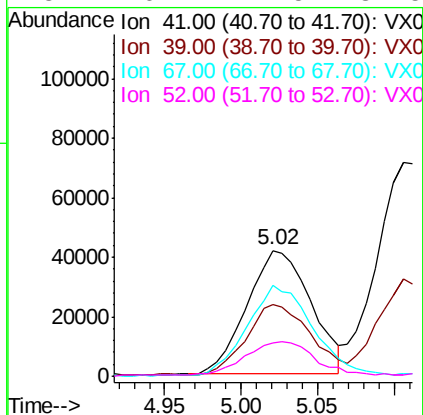
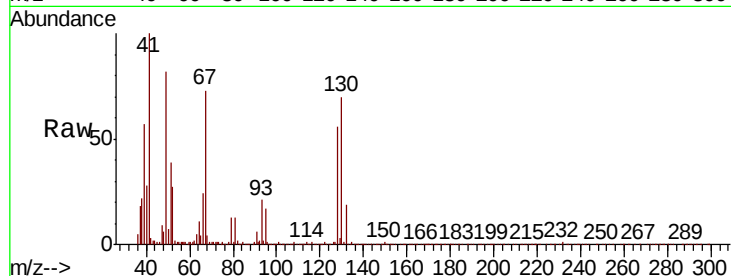
#35
Methacrylonitrile
Concen: 18.099 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.9	25.9	77.8	
67	73.0	35.1	105.5	
52	26.1	12.5	37.5	

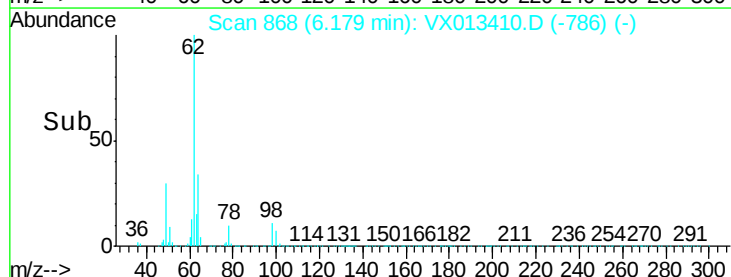
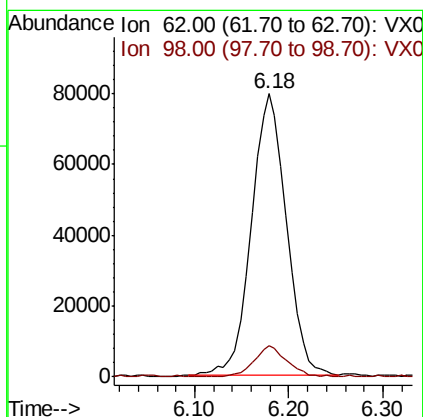
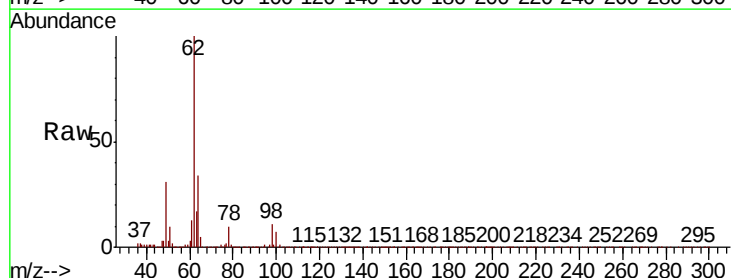
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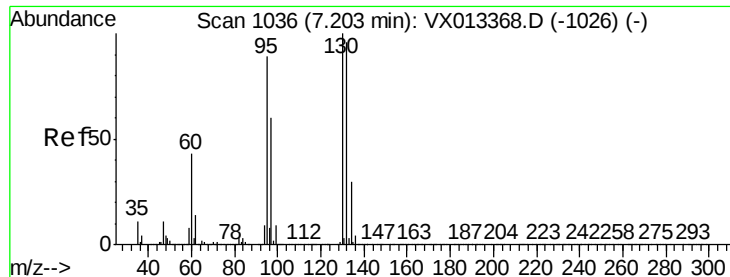
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#36
1,2-Dichloroethane
Concen: 19.203 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.1	8.2	12.2	





#37

Trichloroethene

Concen: 19.442 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 160623

Ion Ratio Lower Upper

130 100

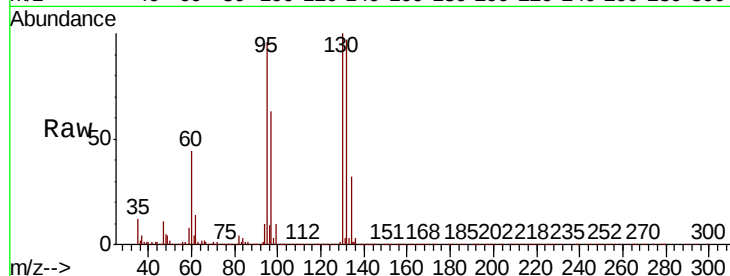
95 96.2 71.3 106.9

Manual Integrations

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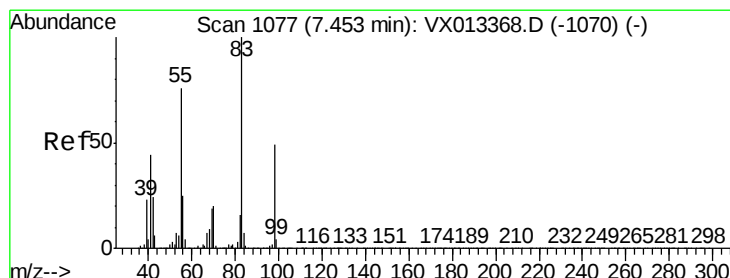
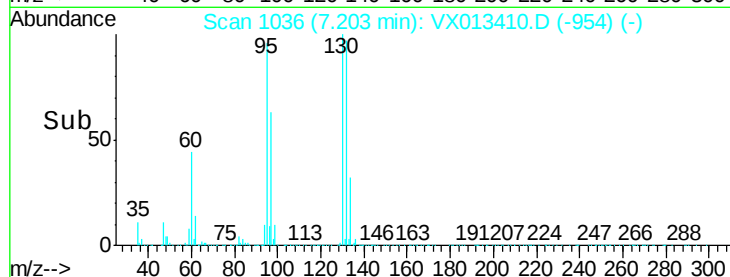
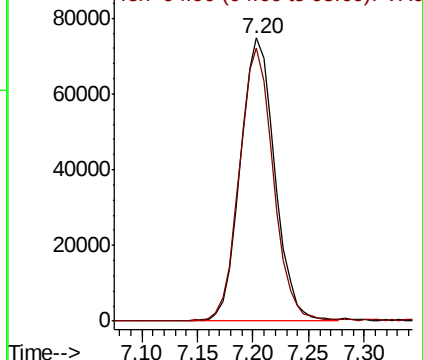
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 19.963 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

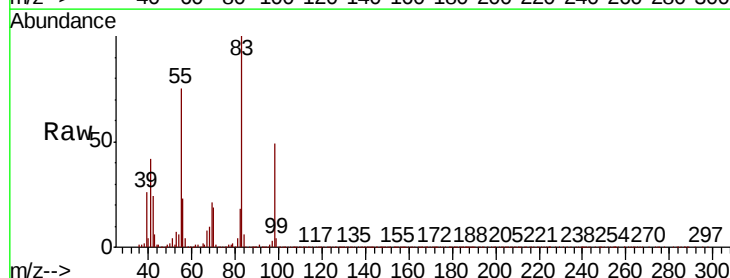
Tgt Ion: 83 Resp: 248857

Ion Ratio Lower Upper

83 100

55 76.3 37.9 113.7

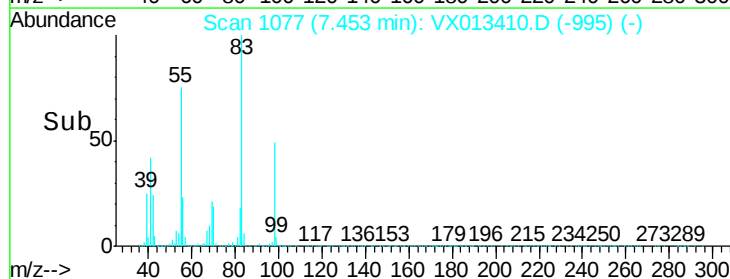
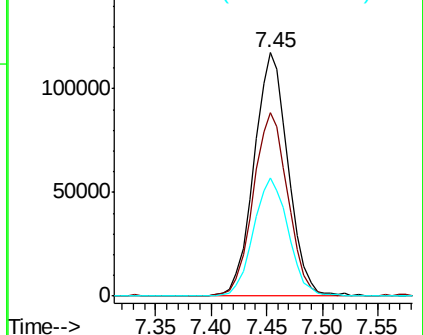
98 49.5 25.1 75.3

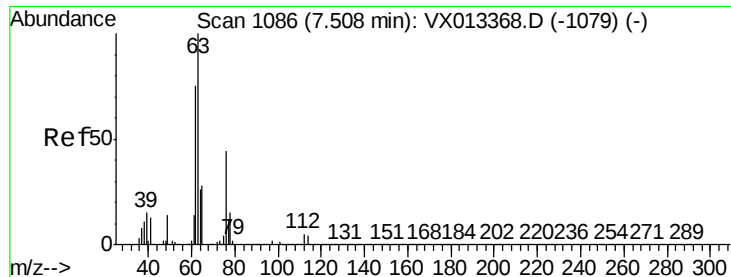


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





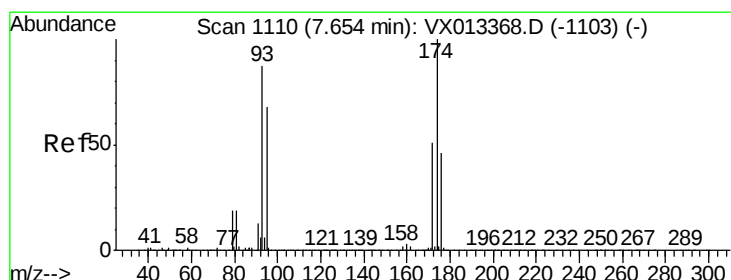
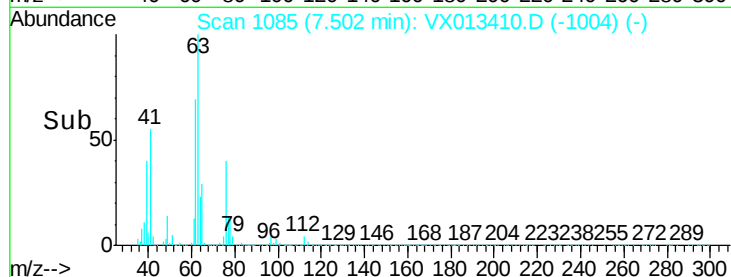
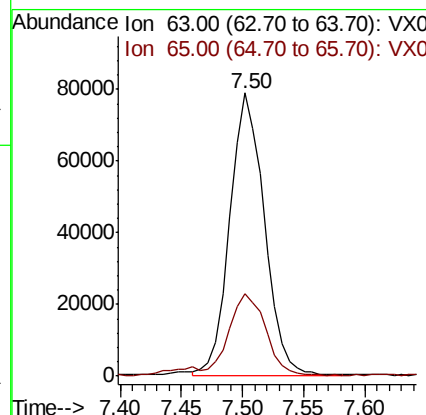
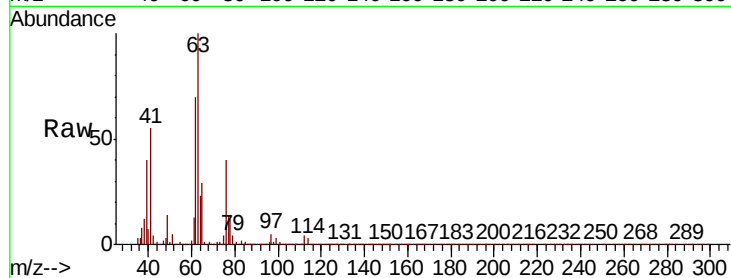
#39
 1,2-Dichloropropane
 Concen: 19.473 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	28.9	23.8	35.8

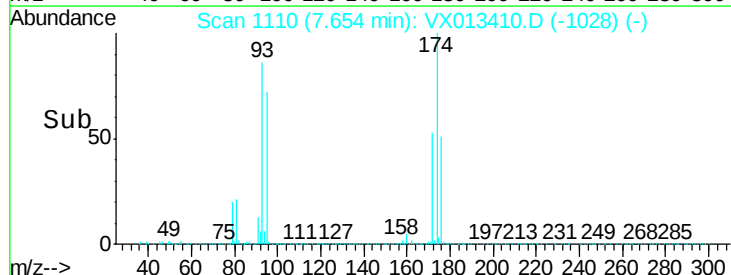
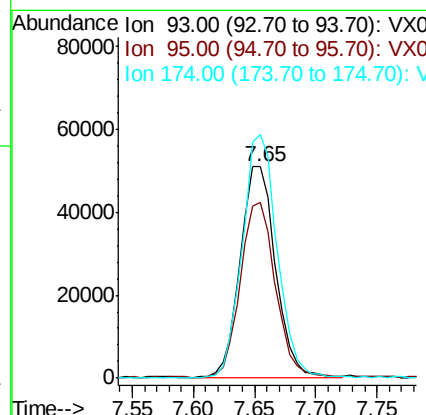
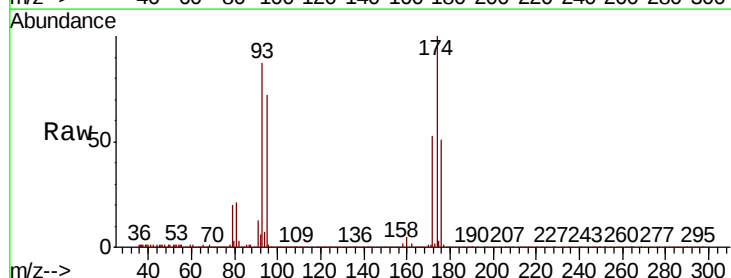
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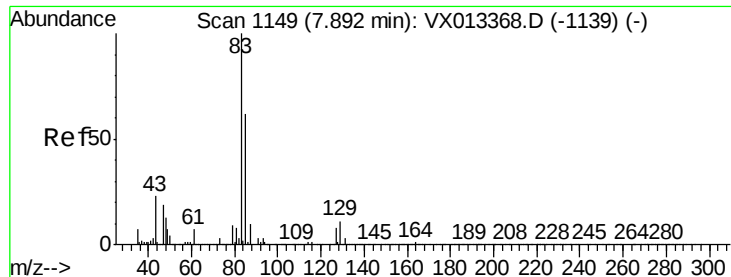
MMDadoda
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#40
 Dibromomethane
 Concen: 19.393 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.9	0.0	160.8
174	113.5	0.0	228.8





#41

Bromodichloromethane

Concen: 19.080 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

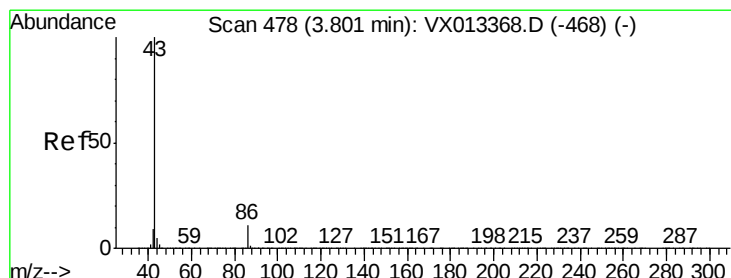
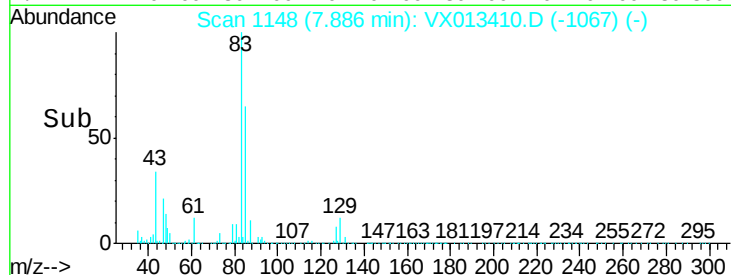
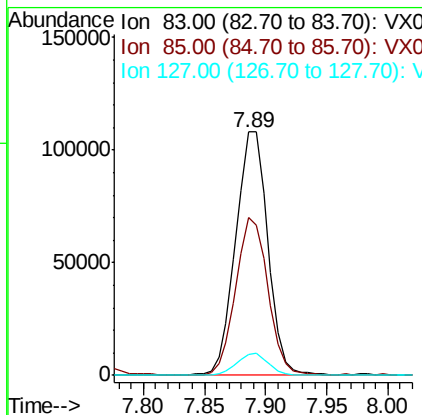
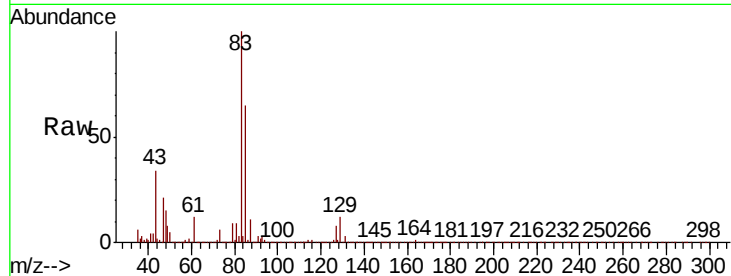
ClientSampleId :

VSTDCCC020

Tot Ion:	83	Resp:	197651
Ion Ratio	Lower	Upper	
83	100		
85	64.6	49.3	73.9
127	8.3	6.6	10.0

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#42

Vinyl Acetate

Concen: 96.406 ug/l

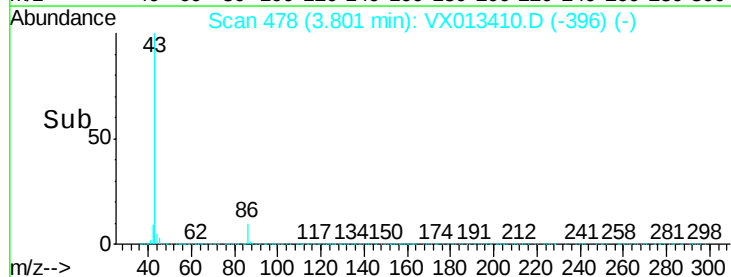
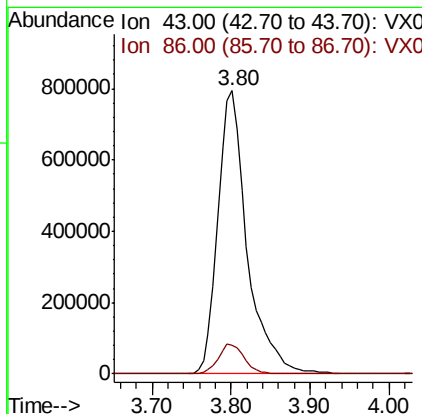
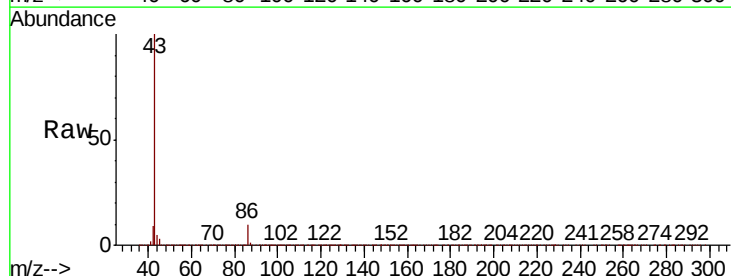
RT: 3.80 min Scan# 478

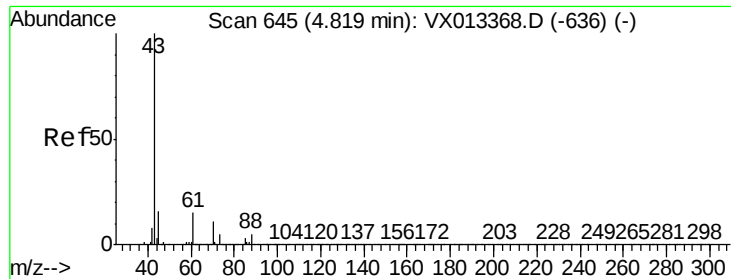
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	43	Resp:	2036829
Ion Ratio	Lower	Upper	
43	100		
86	9.5	7.6	11.4





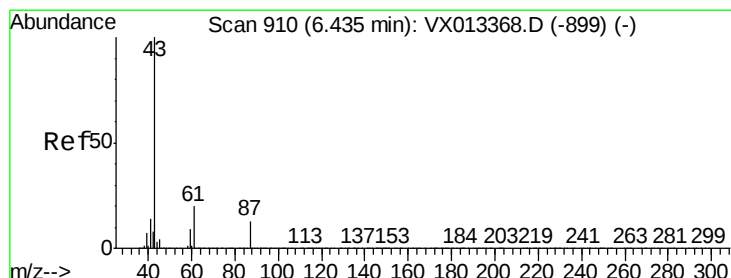
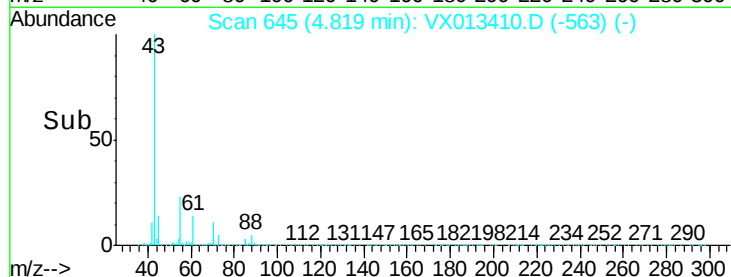
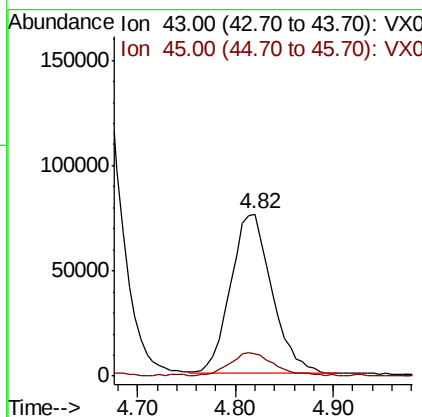
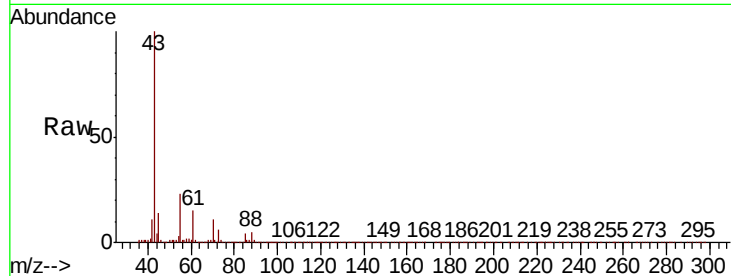
#43
Ethyl Acetate
Concen: 18.163 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Ratio	Lower	Upper
222303	100			
45	15.1	10.9	16.3	

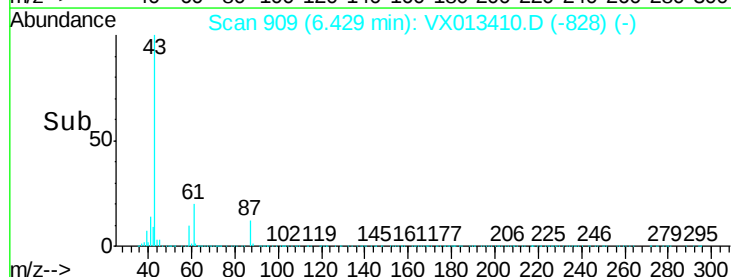
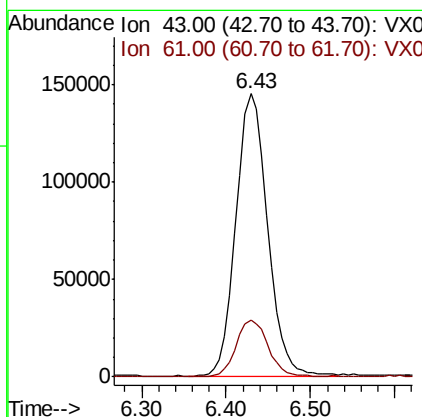
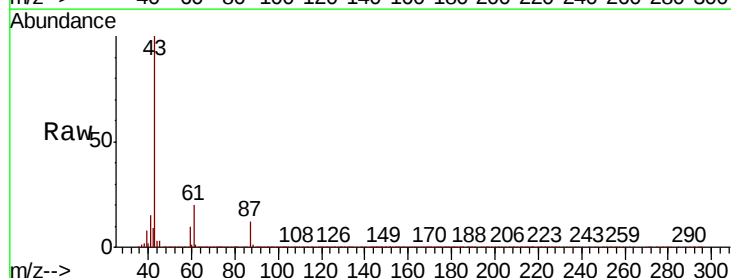
Manual Integrations
APPROVED

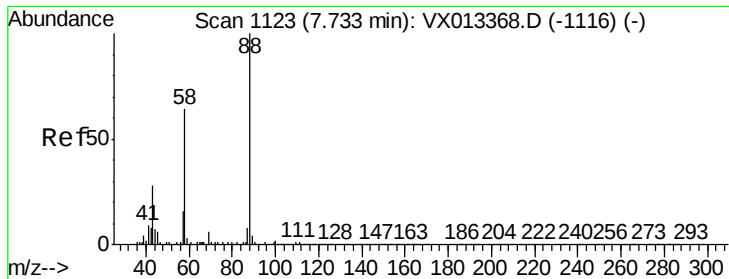
MMDadoda
11/15/2019 9:20:59 AM



#44
Isopropyl Acetate
Concen: 18.770 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	43	Ratio	Lower	Upper
369289	100			
61	20.3	15.8	23.8	





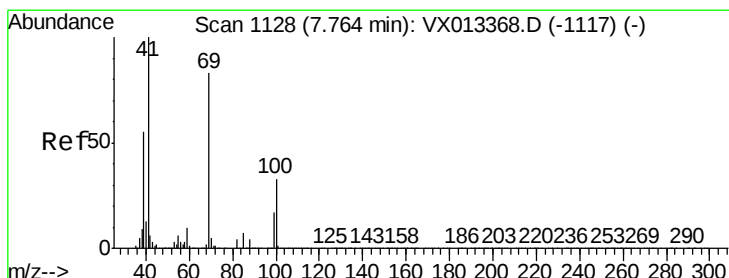
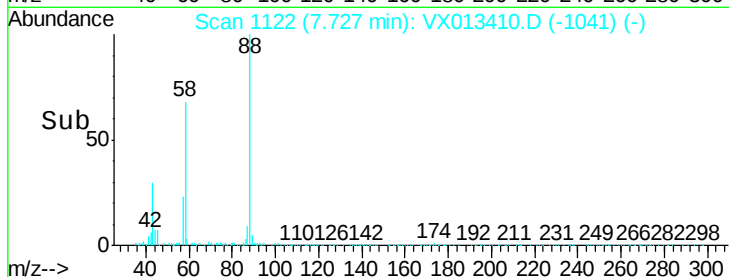
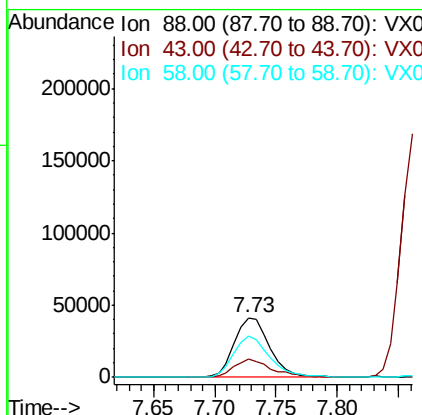
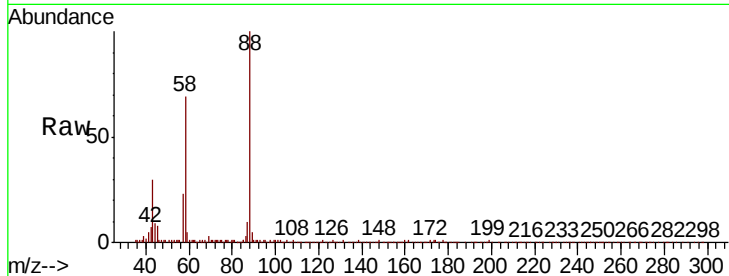
#45
1,4-Dioxane
Concen: 374.212 ug/l
RT: 7.73 min Scan# 1122
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	88	Resp:	81283
Ion Ratio	Lower	Upper	
88	100		
43	30.5	26.1	39.1
58	69.4	55.8	83.8

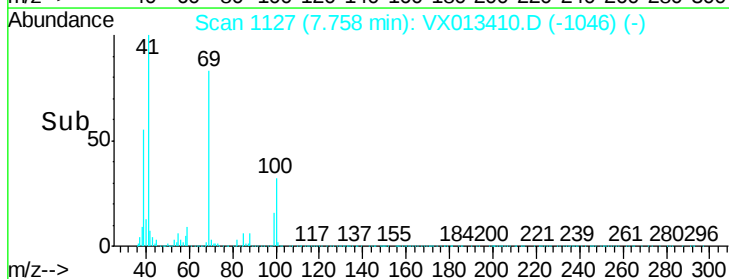
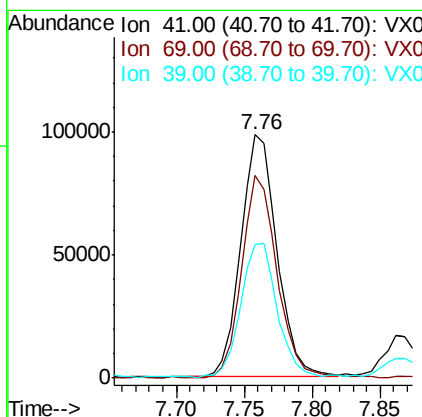
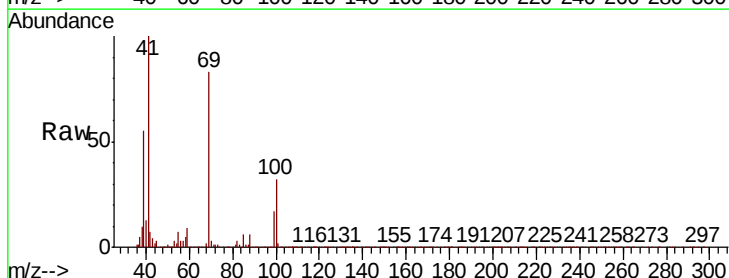
Manual Integrations
APPROVED

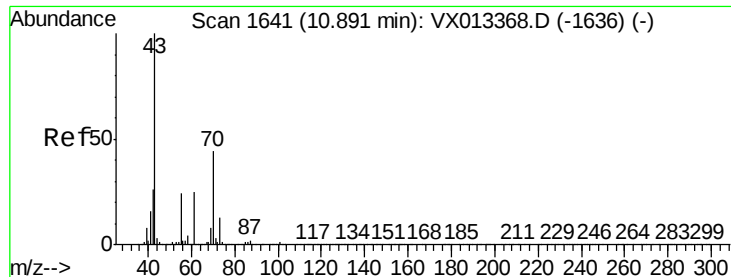
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11/15/2019 9:20:59 AM



#46
Methyl methacrylate
Concen: 18.713 ug/l
RT: 7.76 min Scan# 1127
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion:	41	Resp:	183136
Ion Ratio	Lower	Upper	
41	100		
69	83.1	41.4	124.4
39	54.3	27.9	83.6





#47

n-amvl Acetate

Concen: 18.117 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 312651

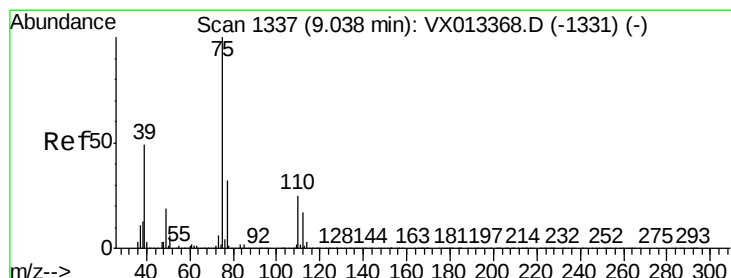
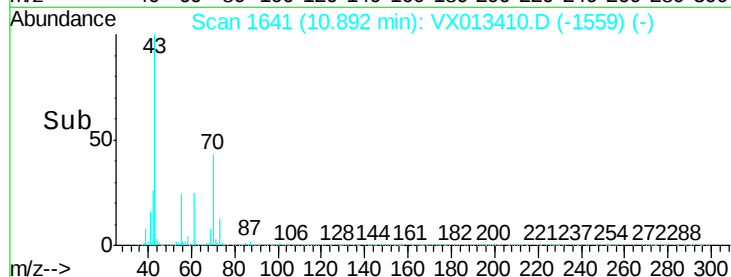
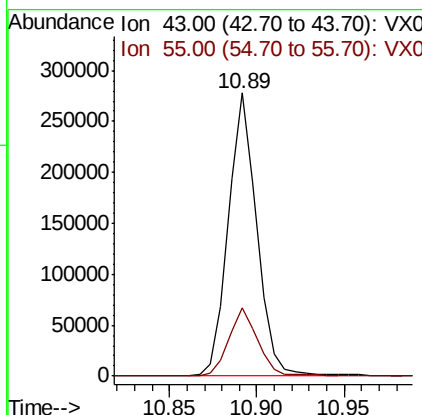
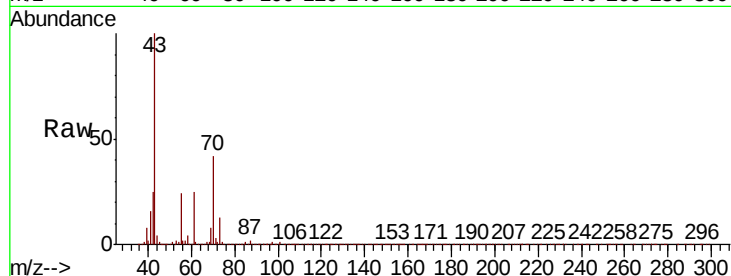
Ion Ratio Lower Upper

43 100

55 24.7 19.0 28.4

Manual Integrations
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#48

t-1,3-Dichloropropene

Concen: 18.675 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013410.D

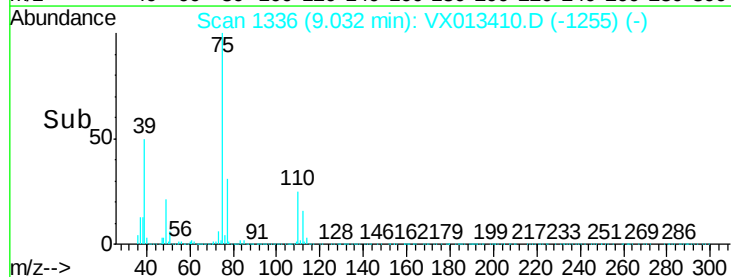
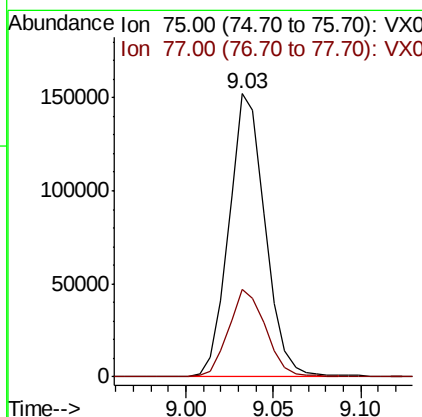
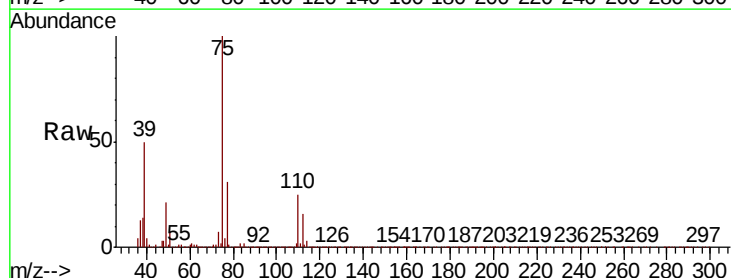
Acq: 14 Nov 2019 09:52

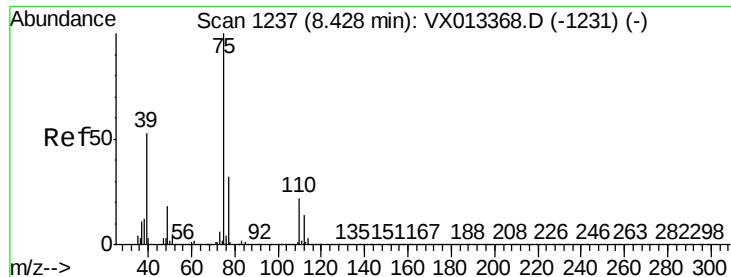
Tgt Ion: 75 Resp: 216924

Ion Ratio Lower Upper

75 100

77 31.0 25.3 37.9





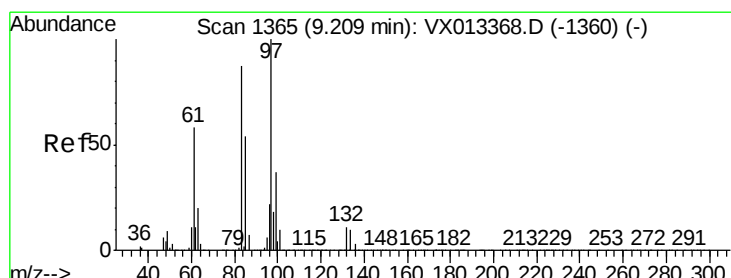
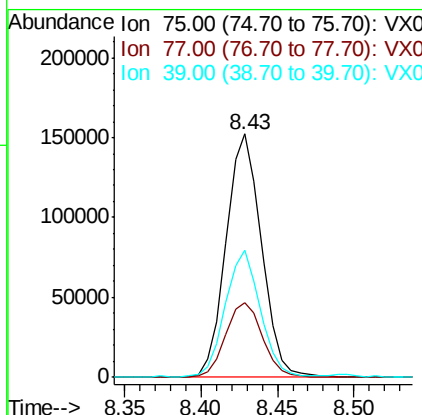
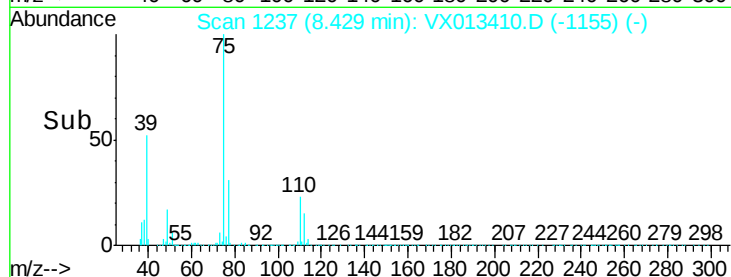
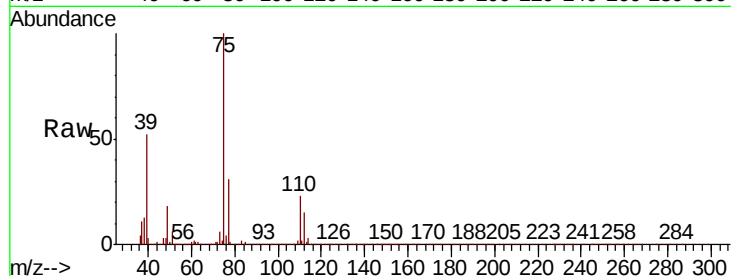
#49
 cis-1,3-Dichloropropene
 Concen: 19.200 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.5	25.8	38.8
39	51.5	42.2	63.4

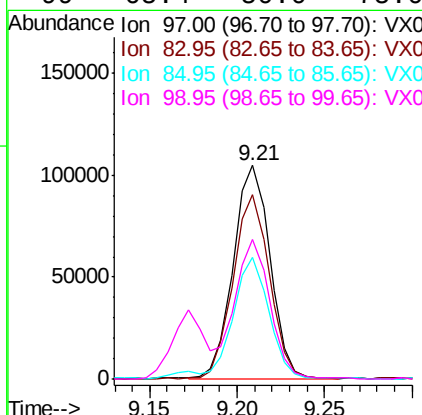
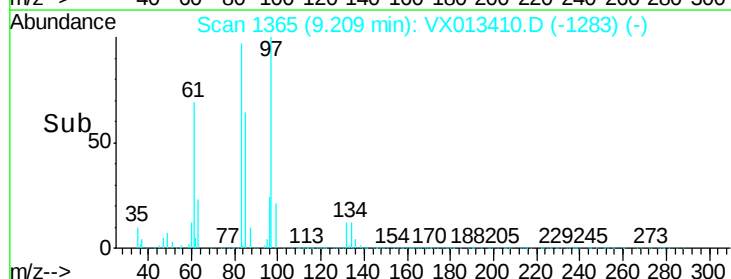
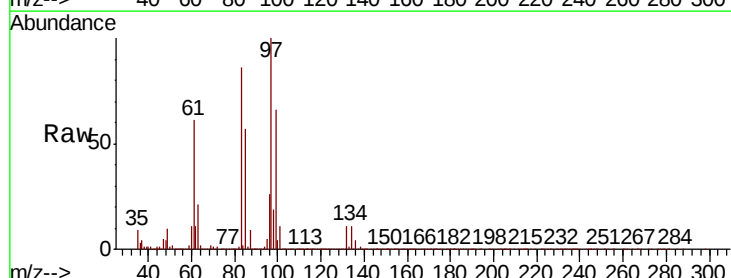
Manual Integrations
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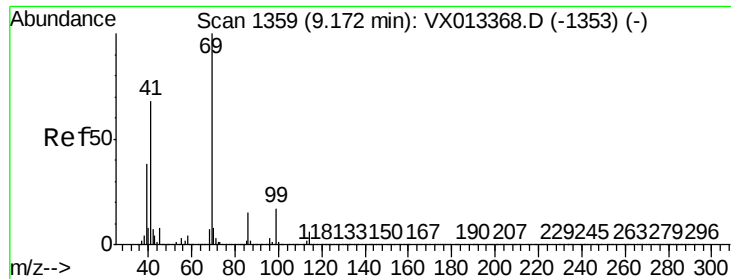
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#50
 1,1,2-Trichloroethane
 Concen: 19.626 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.1	69.6	104.4
85	56.6	45.5	68.3
99	65.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 19.034 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

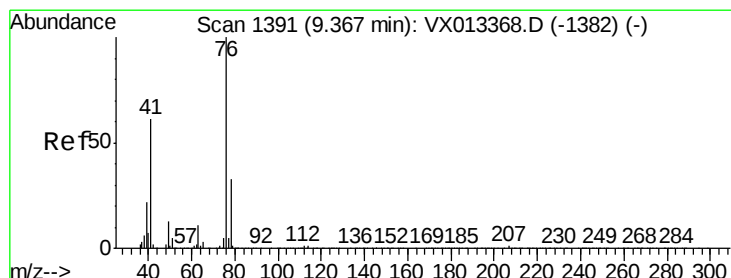
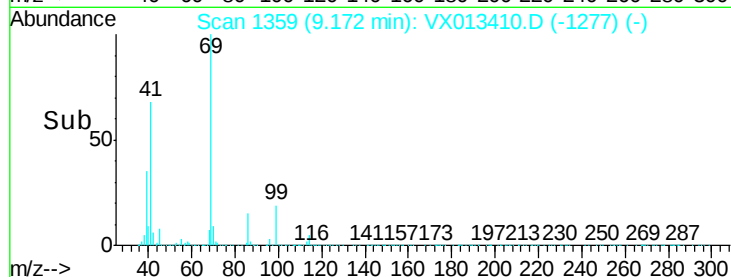
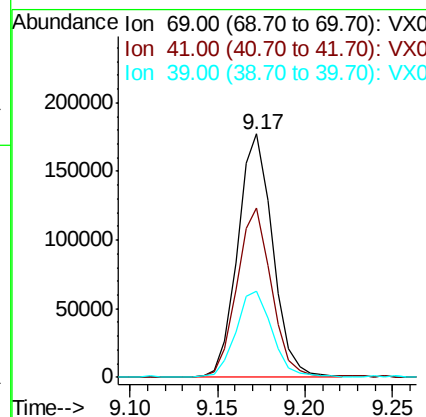
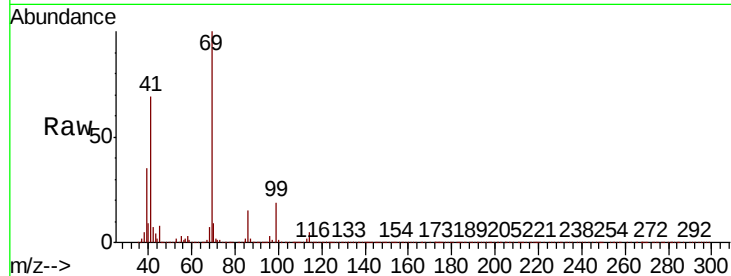
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	246084
Ion Ratio	Lower	Upper	
69	100		
41	69.0	33.9	101.6
39	35.0	18.8	56.4

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 19.509 ug/l

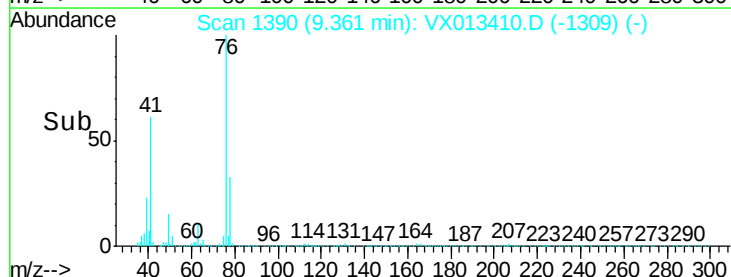
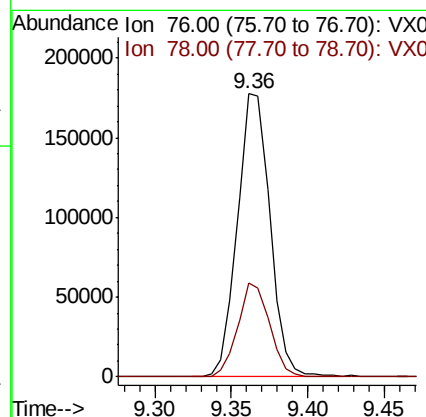
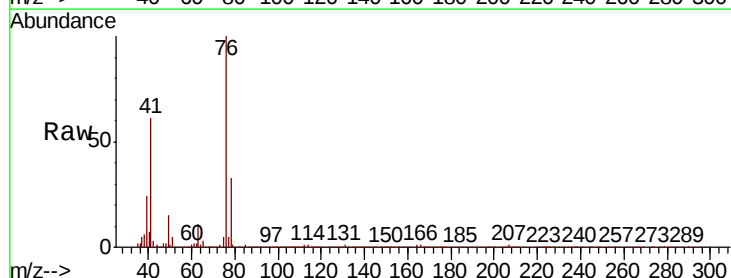
RT: 9.36 min Scan# 1390

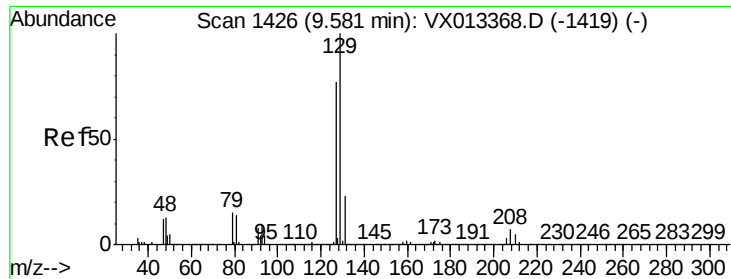
Delta R.T. -0.01 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	76	Resp:	261889
Ion Ratio	Lower	Upper	
76	100		
78	32.4	0.0	63.6





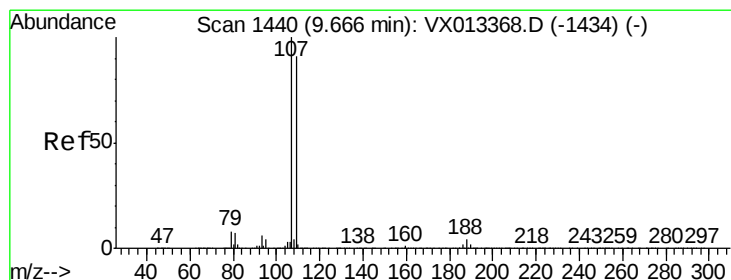
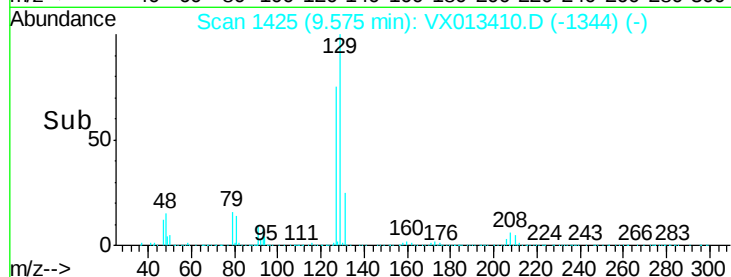
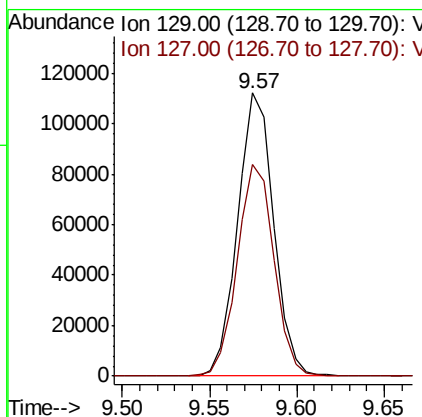
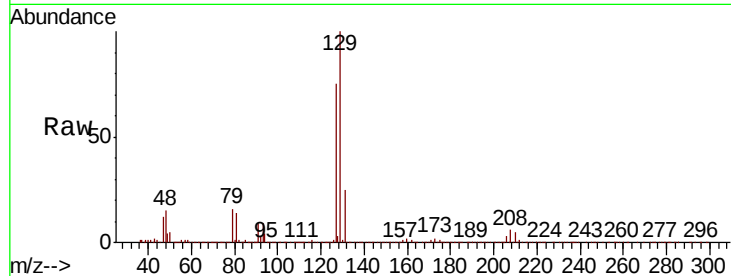
#53
Dibromochloromethane
Concen: 19.203 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
129	100		159815		
127	76.6	39.6	119.0		

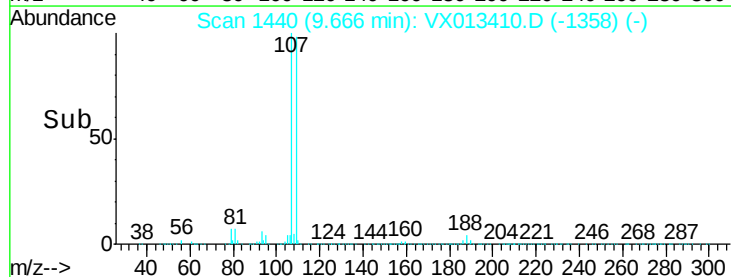
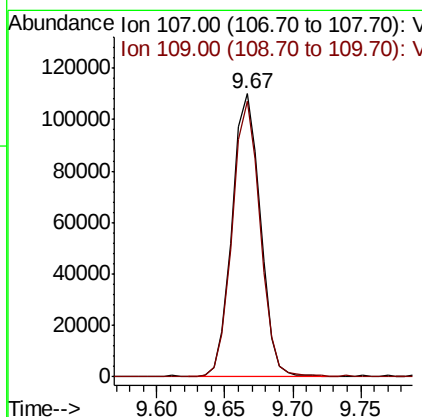
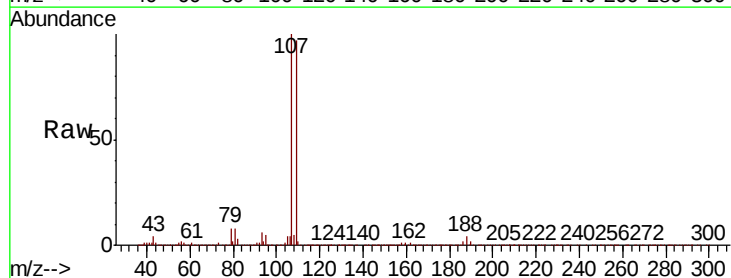
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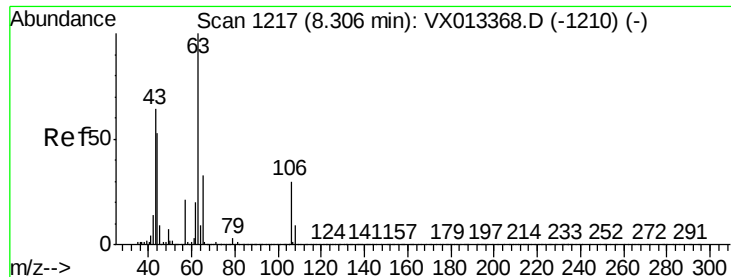
MMDadoda
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#54
1,2-Dibromoethane
Concen: 19.033 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		159811		
109	95.4	73.9	110.9		





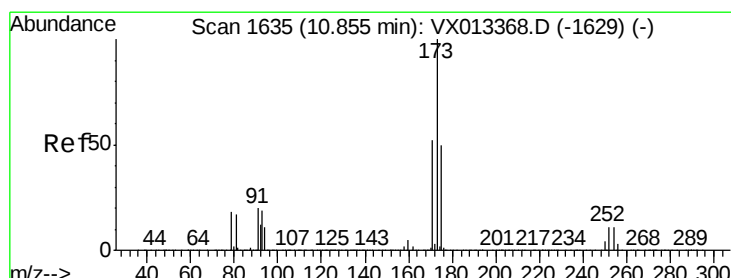
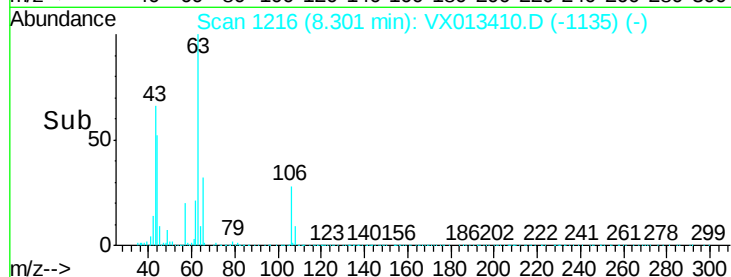
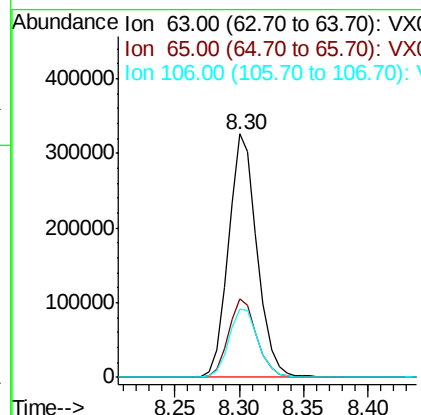
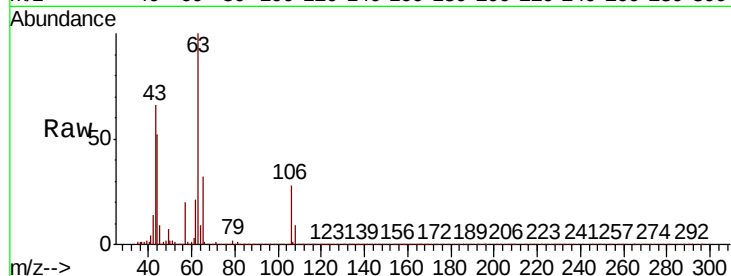
#55
2-Chloroethyl vinyl ether
Concen: 91.050 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	26.0	39.0
106	29.1	23.5	35.3

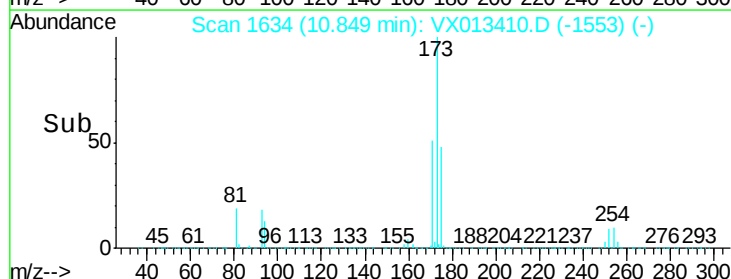
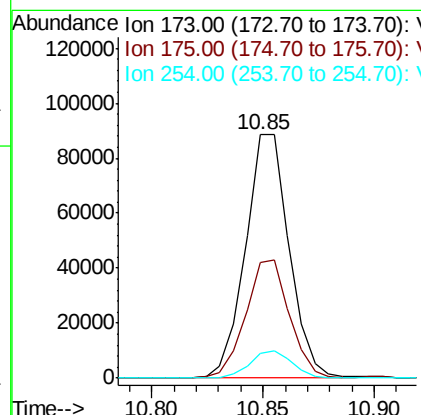
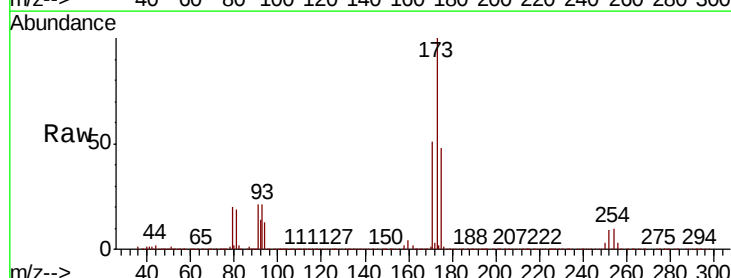
Manual Integrations
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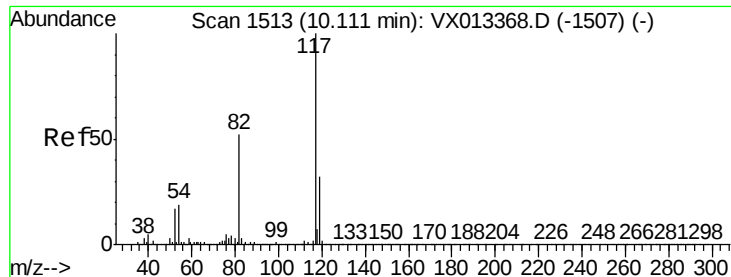
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#56
Bromoform
Concen: 18.331 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.4	59.0
254	10.9	8.6	12.8





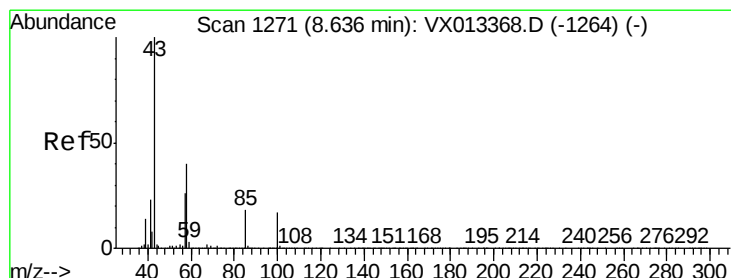
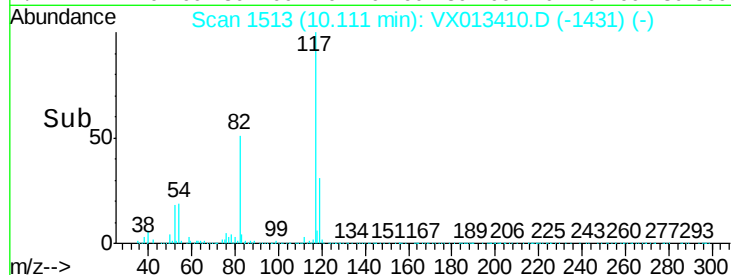
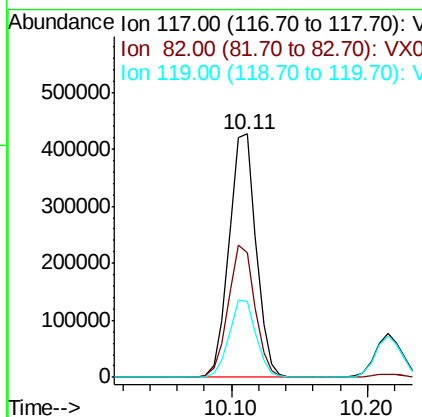
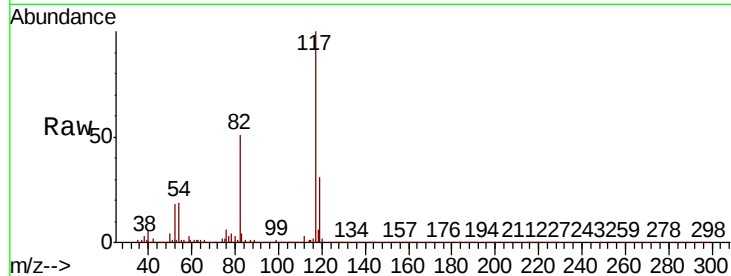
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	43.7	65.5
119	31.7	25.5	38.3

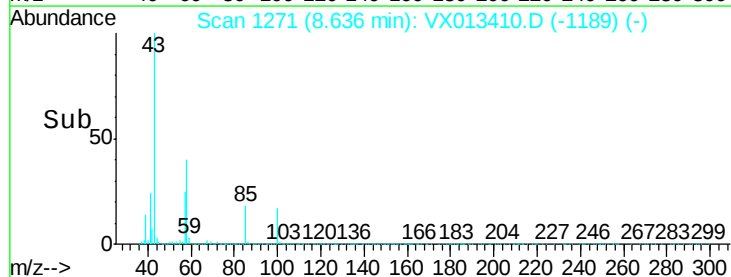
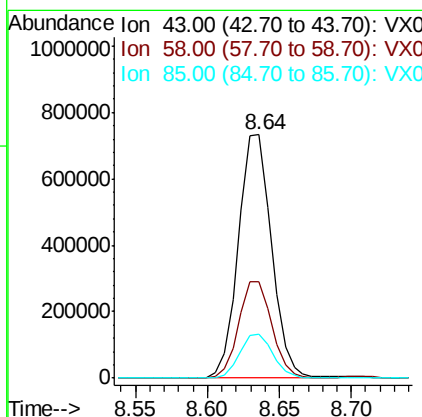
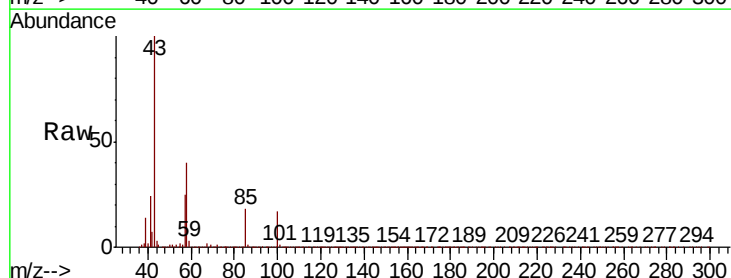
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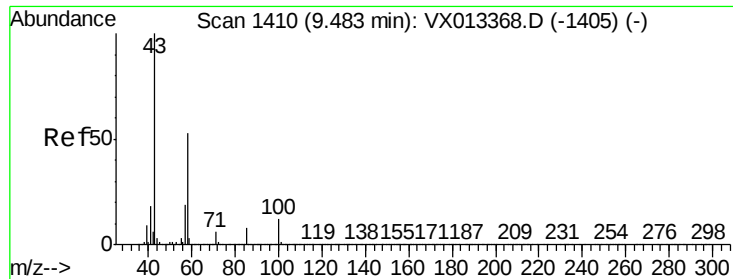
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#58
4-Methyl-2-Pentanone
Concen: 95.468 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.6	31.6	47.4
85	17.9	14.2	21.2





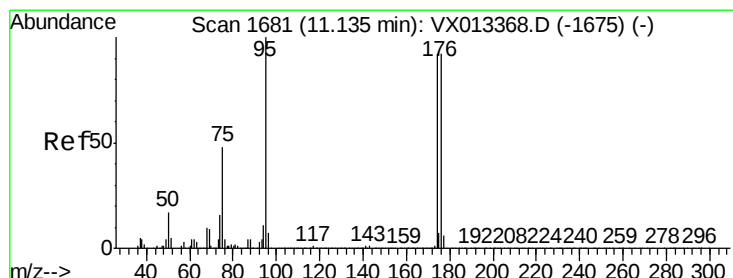
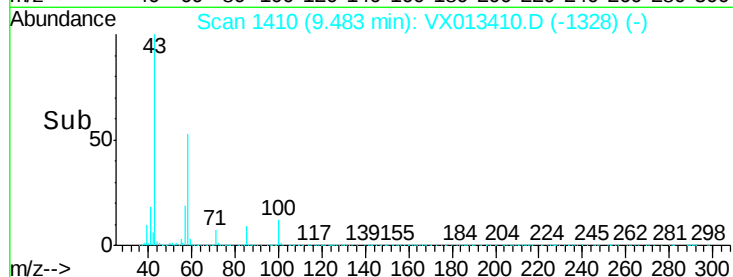
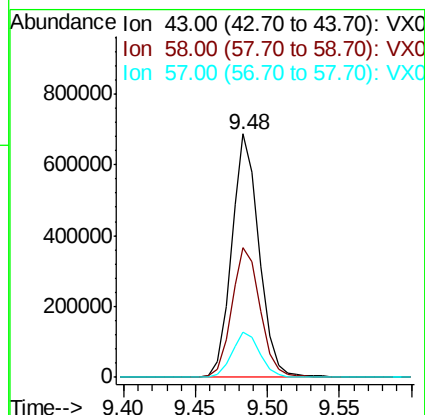
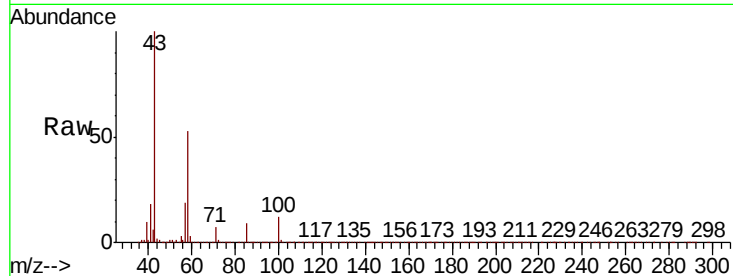
#59
2-Hexanone
Concen: 93.865 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.0	43.8	65.6
57	18.9	15.1	22.7

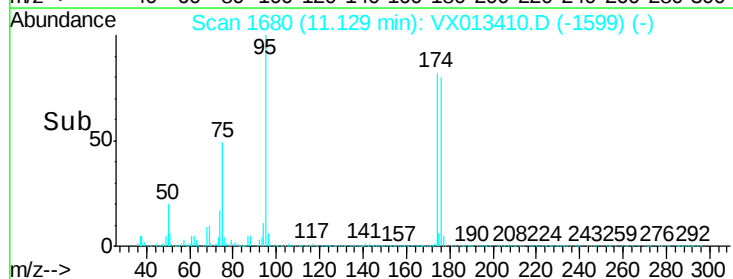
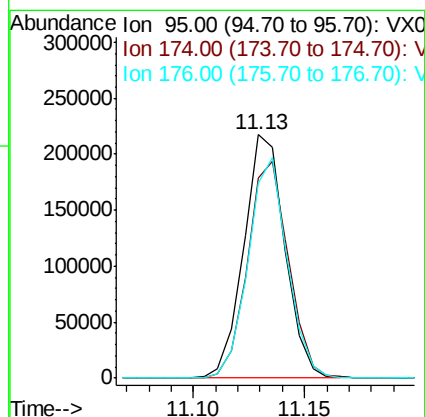
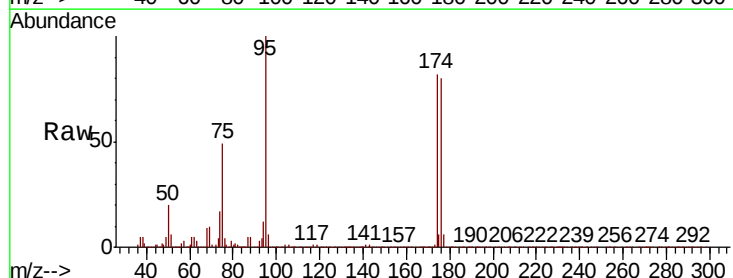
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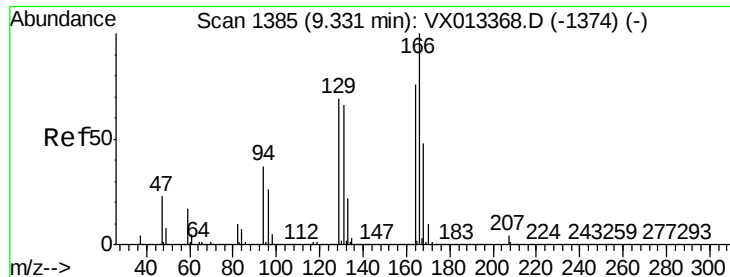
MMDadoda
11/15/2019 9:20:59 AM



#60
4-Bromofluorobenzene
Concen: 29.671 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.5	70.2	105.2
176	86.3	68.3	102.5





#61

Tetrachloroethene

Concen: 20.242 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

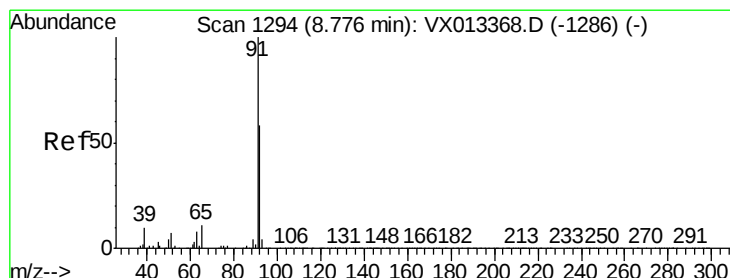
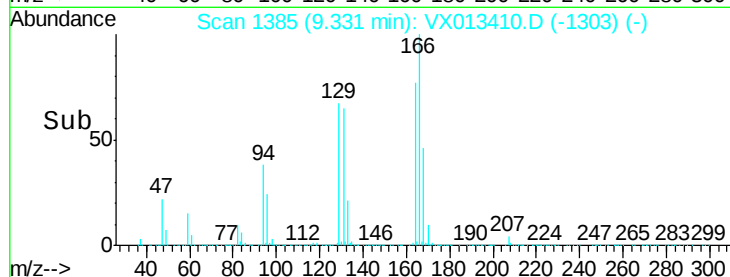
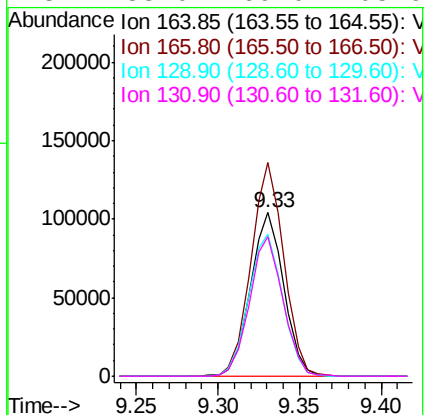
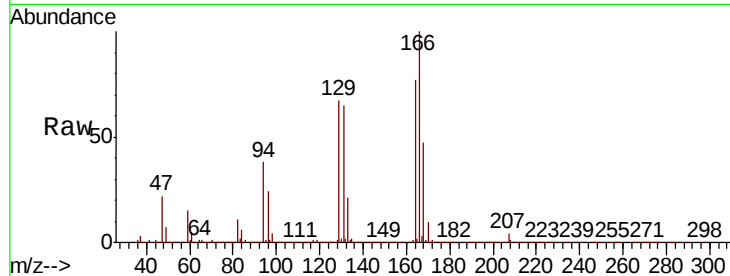
ClientSampleId :

VSTDCCC020

Tot Ion	Ratio	Lower	Upper
164	100		
166	130.7	104.9	157.3
129	87.2	72.3	108.5
131	85.0	69.0	103.6

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#62

Toluene

Concen: 20.100 ug/l

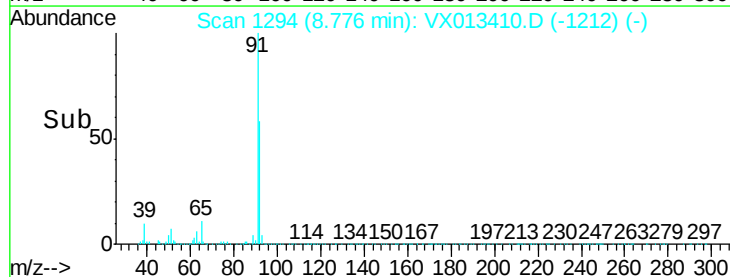
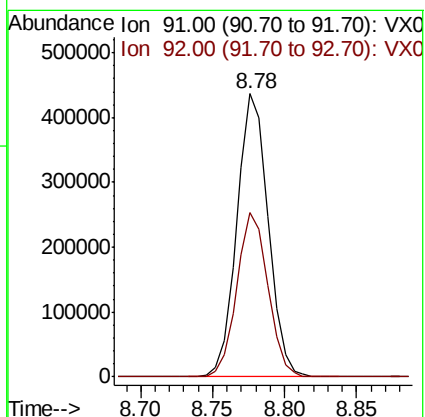
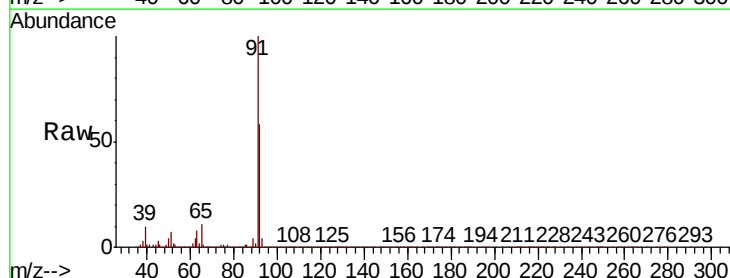
RT: 8.78 min Scan# 1294

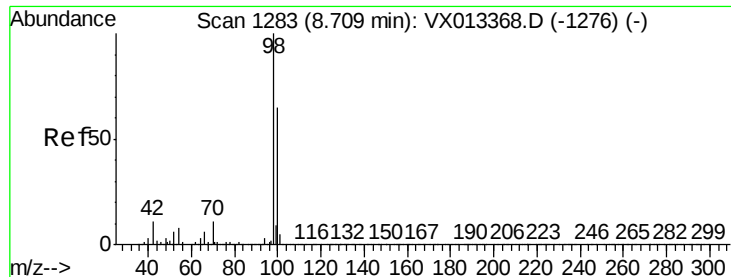
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
92	57.8	46.6	69.8





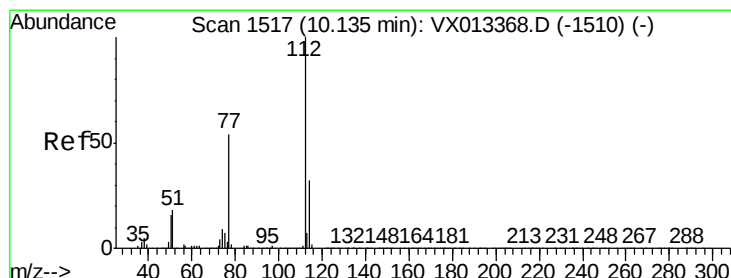
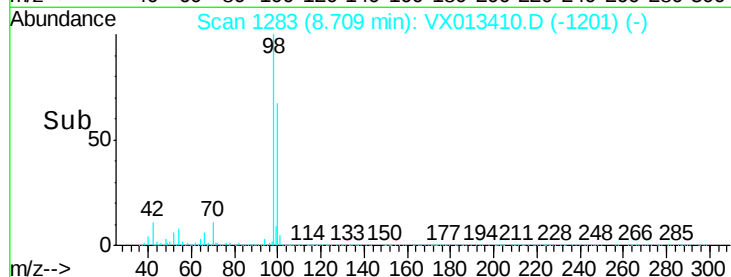
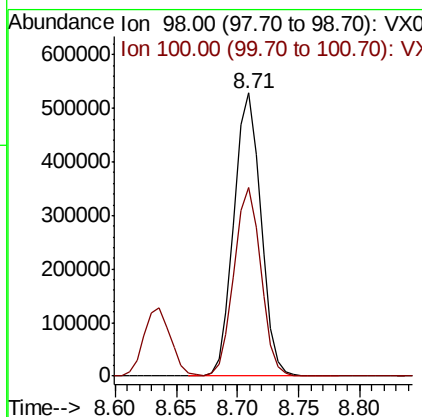
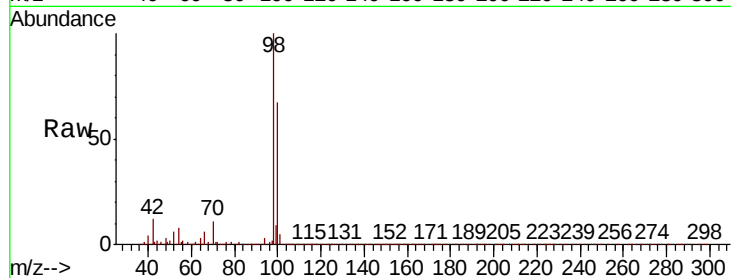
#63
Toluene-d8
Concen: 30.337 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 98 Resp: 809068
Ion Ratio Lower Upper
98 100
100 66.0 52.5 78.7

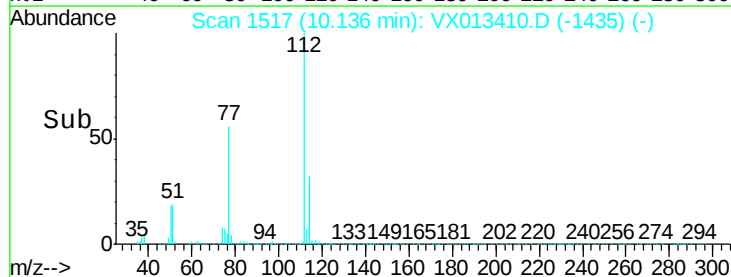
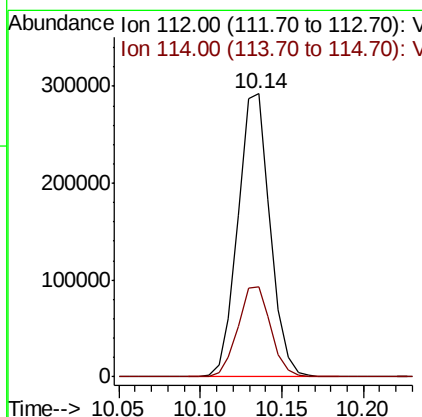
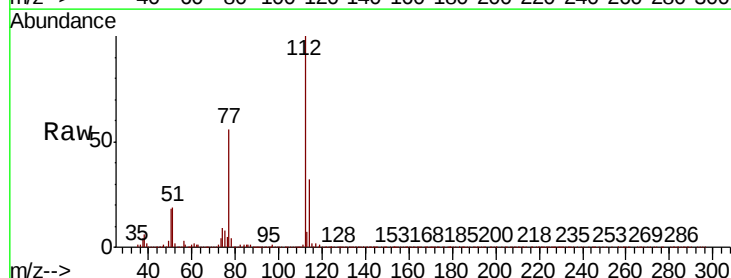
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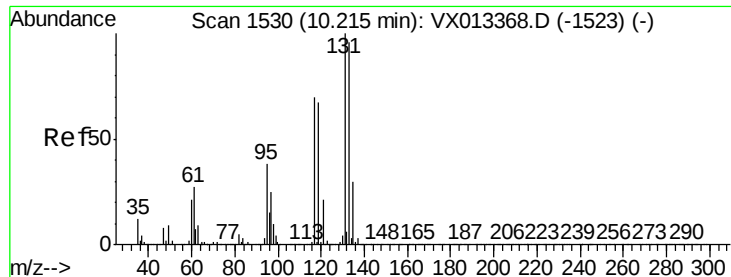
MMDadoda
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#64
Chlorobenzene
Concen: 19.627 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion: 112 Resp: 403144
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5





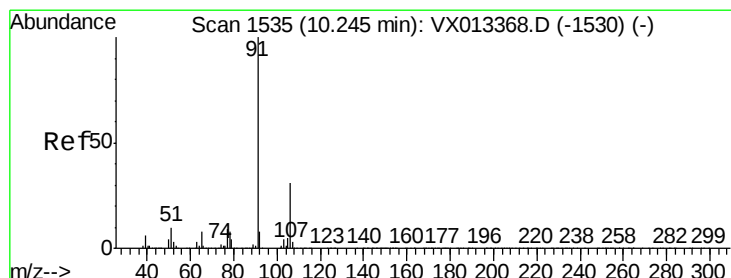
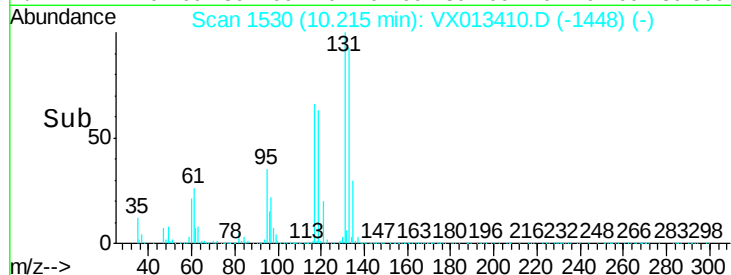
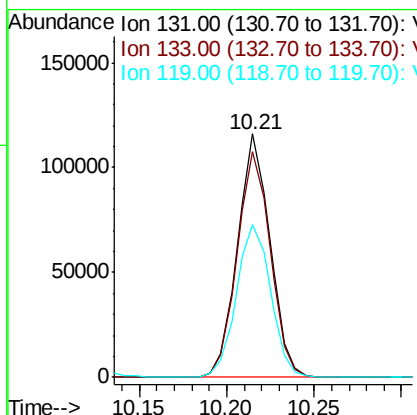
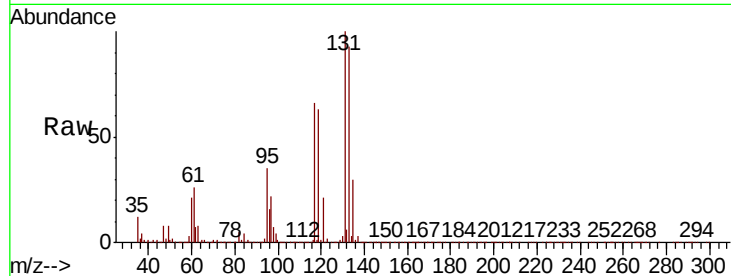
#65
 1,1,1,2-Tetrachloroethane
 Concen: 19.590 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
131	100	150619		
133	94.6	0.0	192.2	
119	65.9	0.0	134.4	

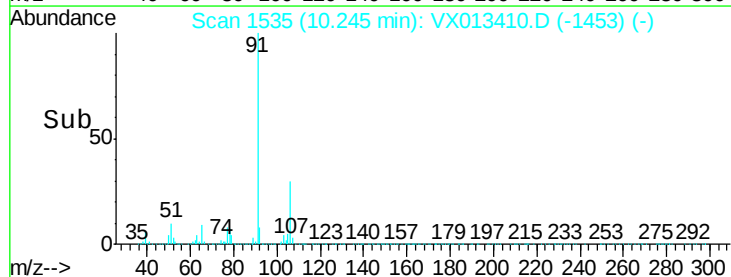
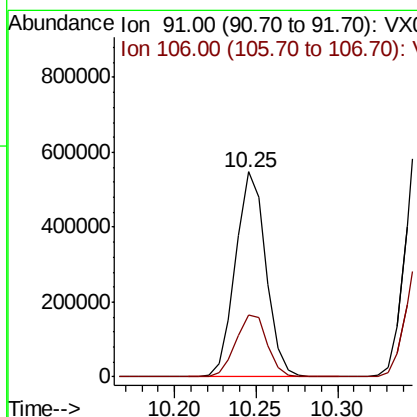
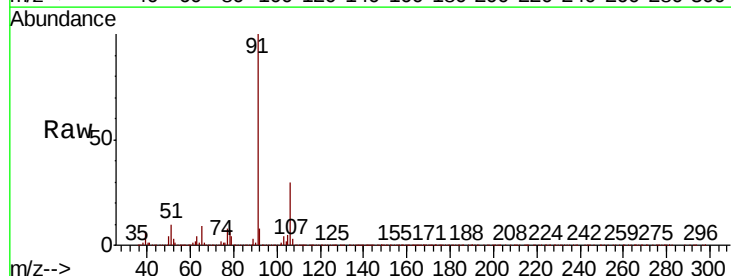
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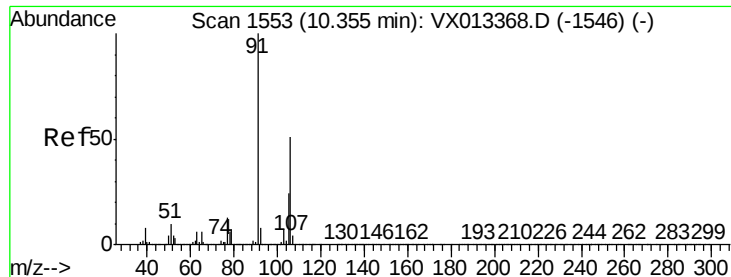
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#66
 Ethyl Benzene
 Concen: 19.724 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	711834		
106	30.3	25.0	37.4	





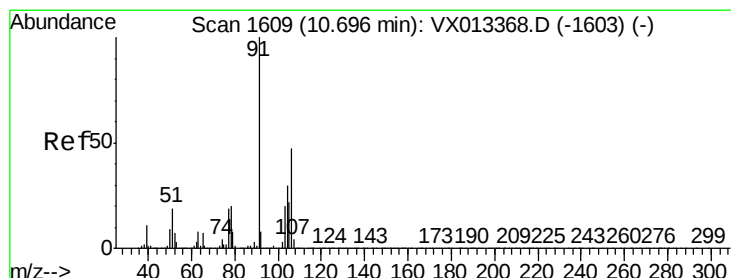
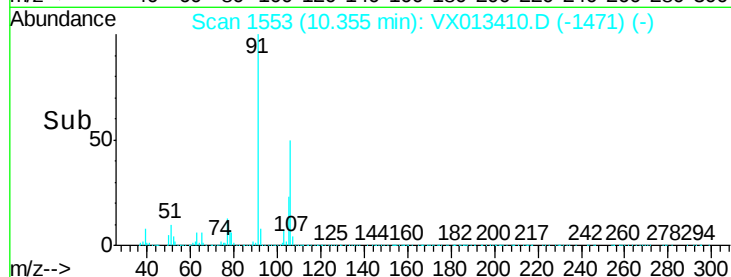
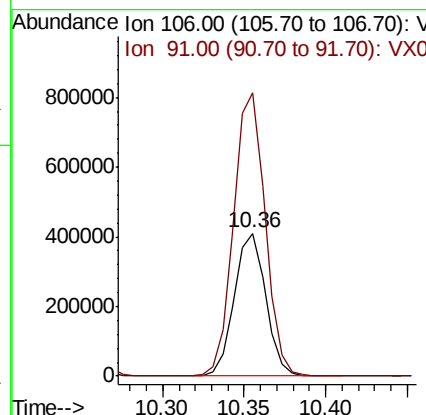
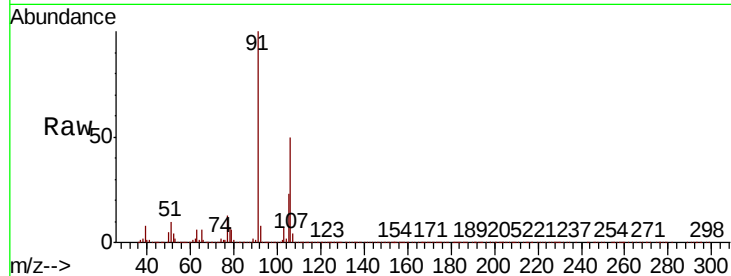
#67
m/p-Xylenes
Concen: 39.345 ug/l
RT: 10.36 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:106 Resp: 547741
Ion Ratio Lower Upper
106 100
91 199.7 158.4 237.6

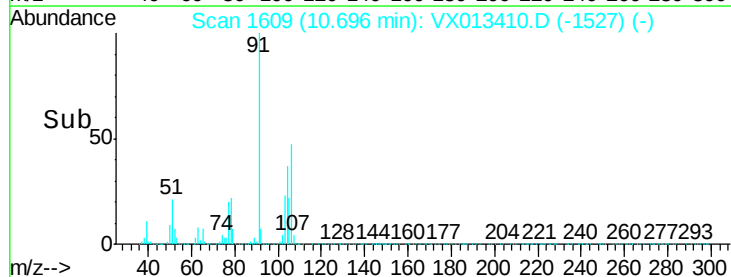
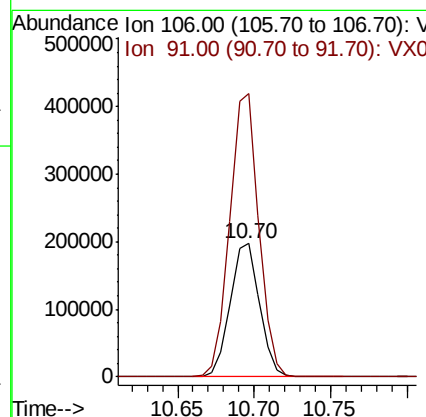
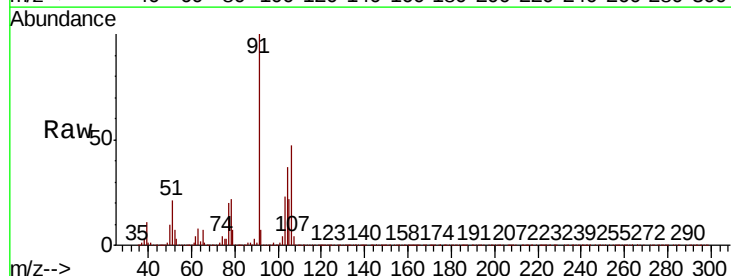
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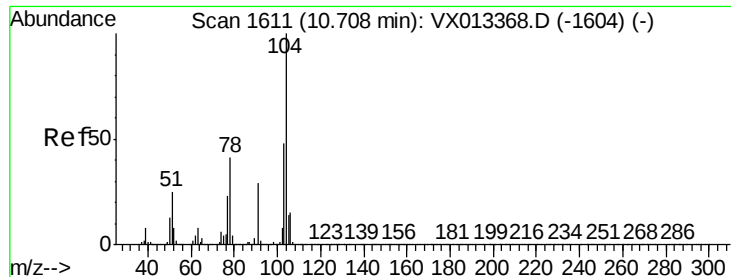
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#68
o-Xylene
Concen: 19.448 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion:106 Resp: 261289
Ion Ratio Lower Upper
106 100
91 210.5 106.4 319.2





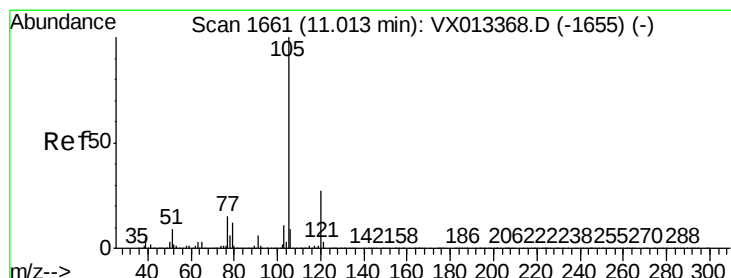
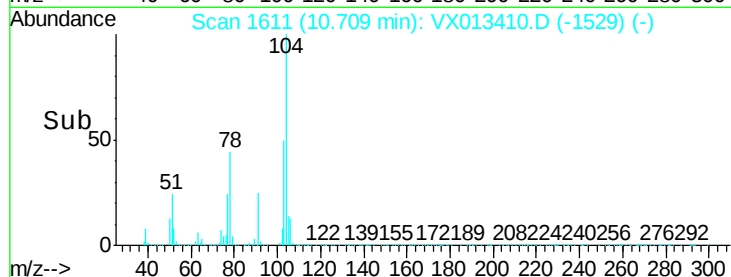
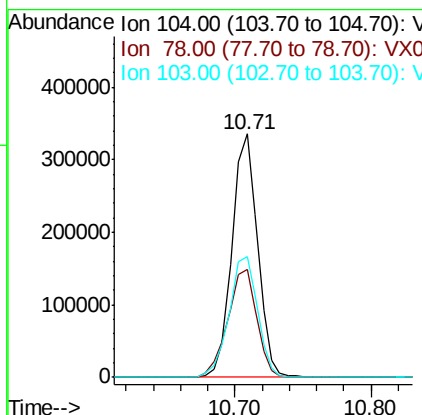
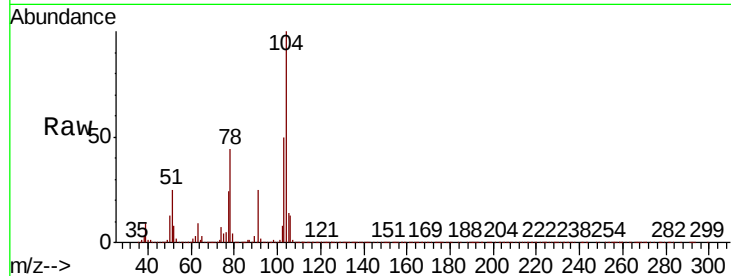
#69
Stvrene
Concen: 19.186 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
104	100	440169		
78	49.8		38.2	57.4
103	55.1		43.2	64.8

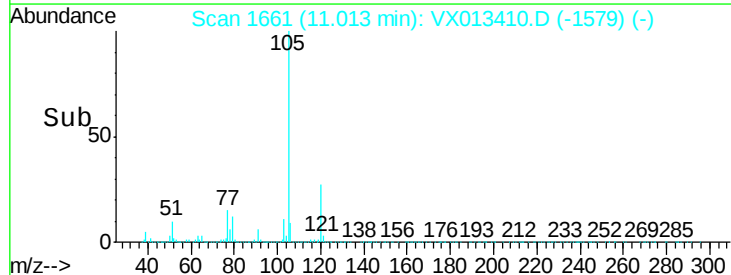
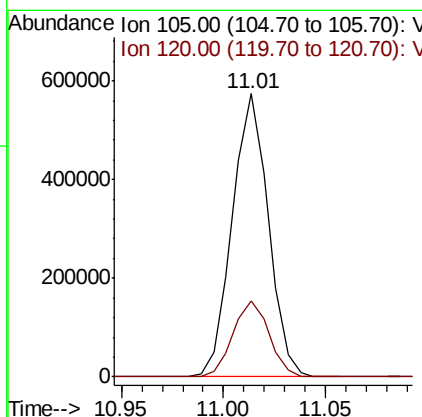
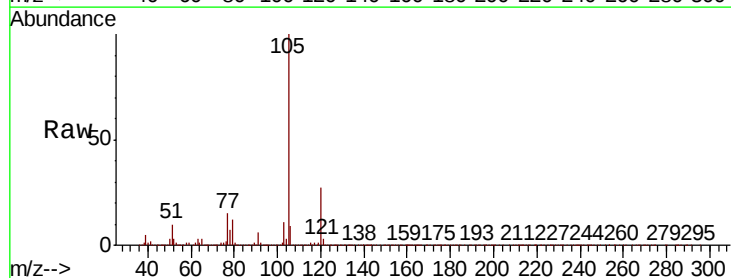
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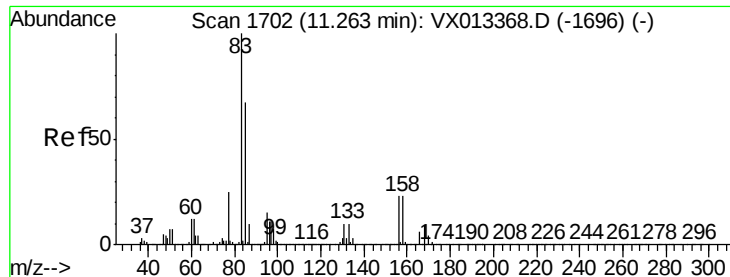
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#70
Isopropylbenzene
Concen: 19.818 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	701615		
120	27.0		18.8	34.8





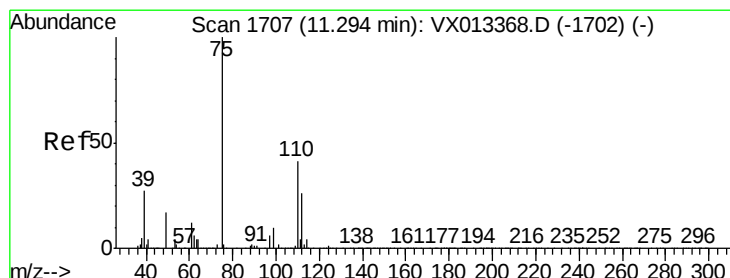
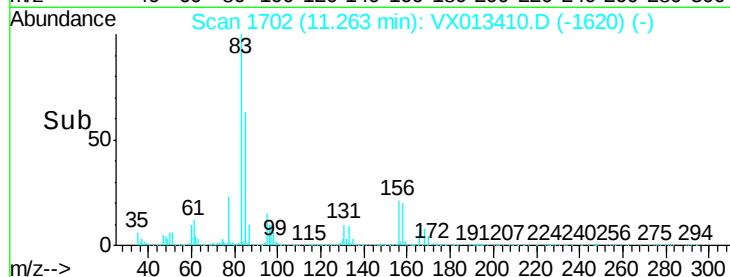
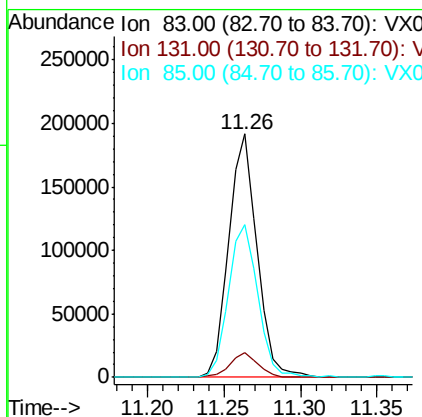
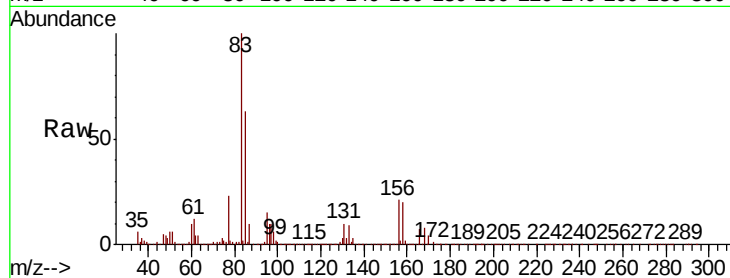
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.315 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.2	4.7	14.1
85	65.1	32.6	97.7

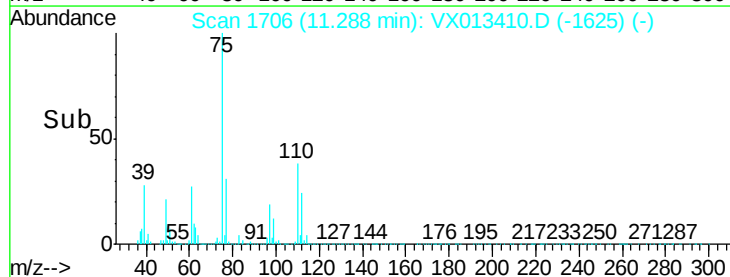
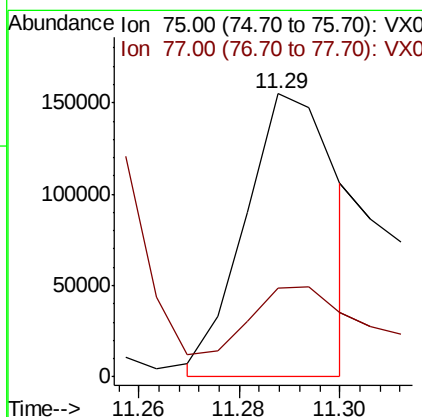
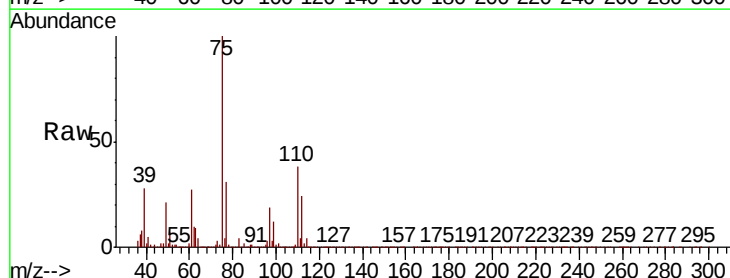
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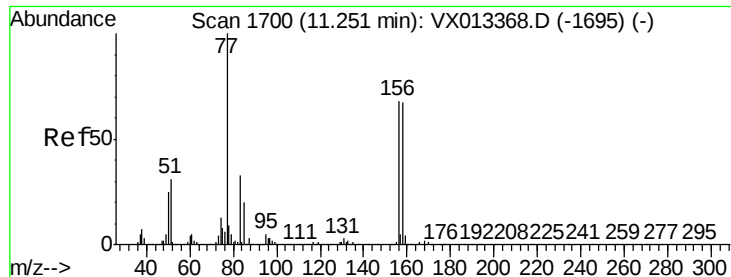
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#72
 1,2,3-Trichloropropane
 Concen: 18.144 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
75	100		
77	43.5	0.0	86.2





#73

Bromobenzene

Concen: 19.266 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

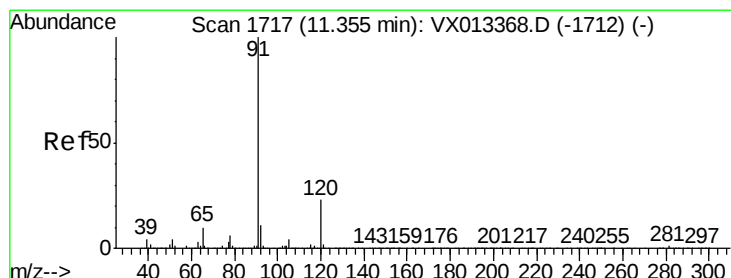
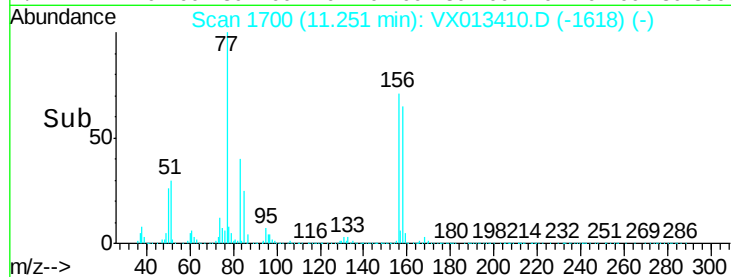
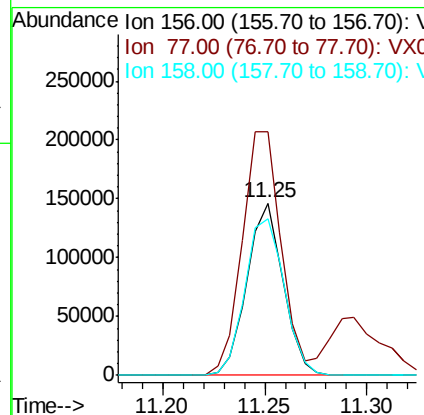
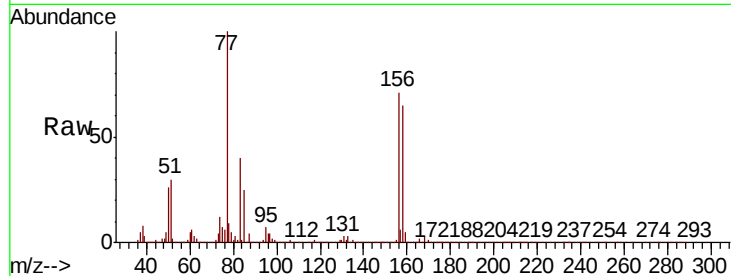
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	179874
Ion Ratio	Lower	Upper	
156	100		
77	151.5	0.0	308.8
158	99.1	0.0	197.0

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#74

n-propylbenzene

Concen: 19.665 ug/l

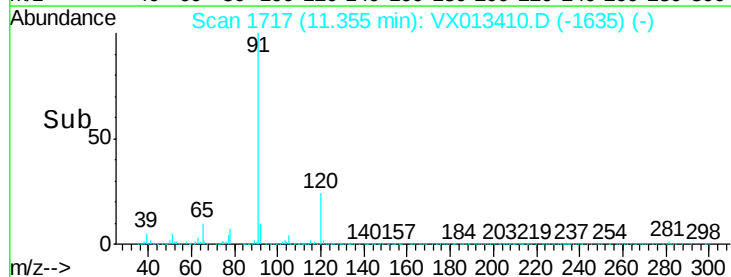
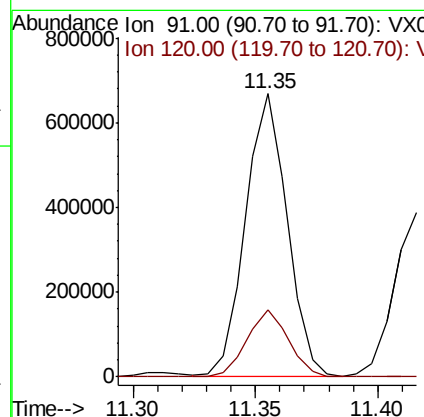
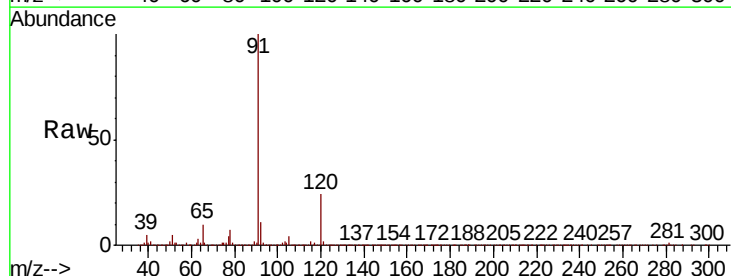
RT: 11.35 min Scan# 1717

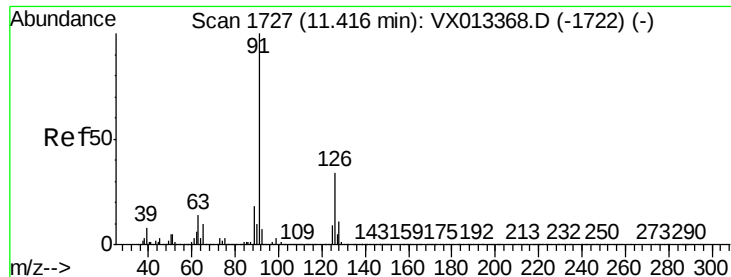
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	91	Resp:	791166
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 19.562 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 468010

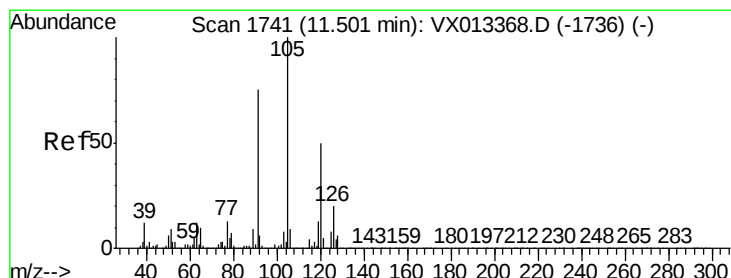
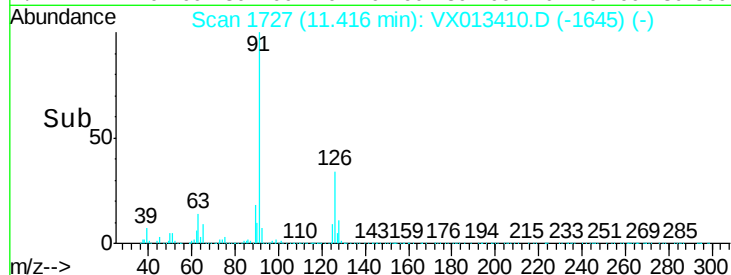
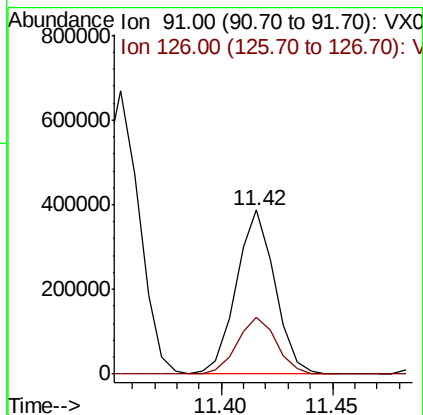
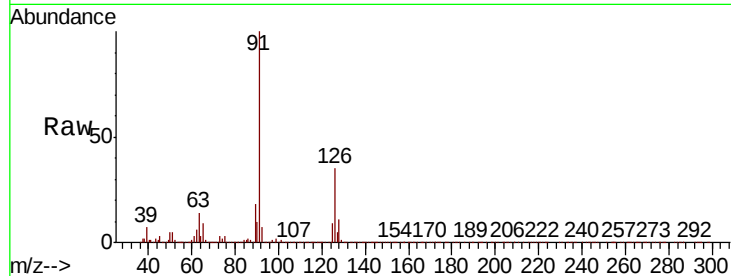
Ion Ratio Lower Upper

91 100

126 35.0 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 19.822 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013410.D

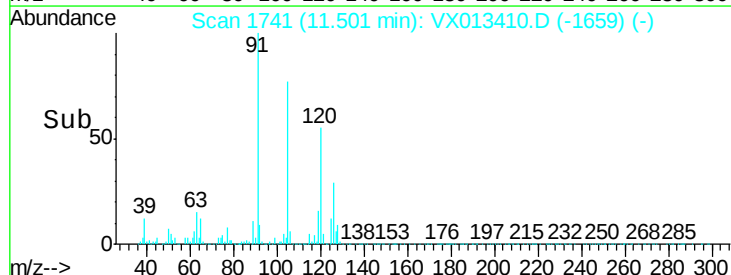
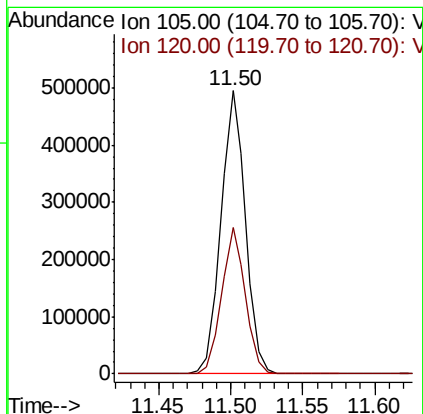
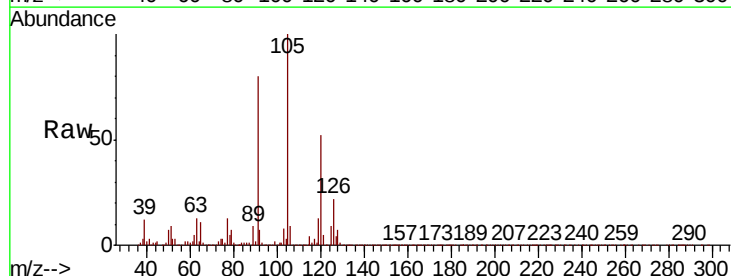
Acq: 14 Nov 2019 09:52

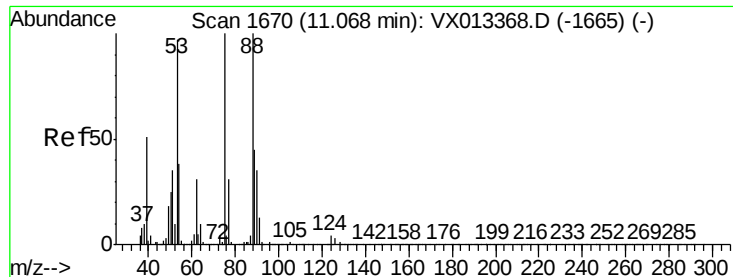
Tgt Ion: 105 Resp: 589843

Ion Ratio Lower Upper

105 100

120 50.4 0.0 100.0





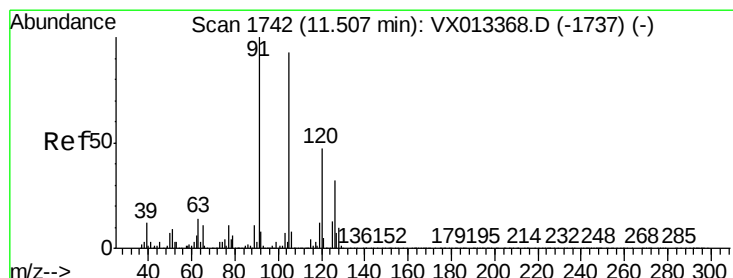
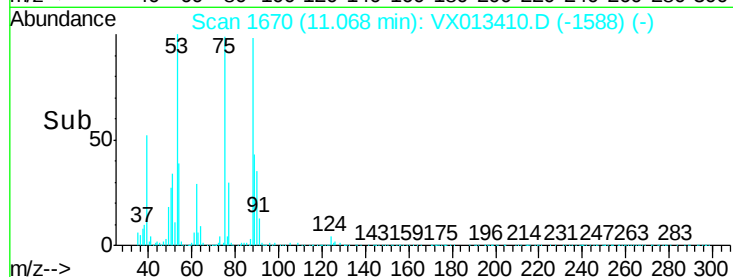
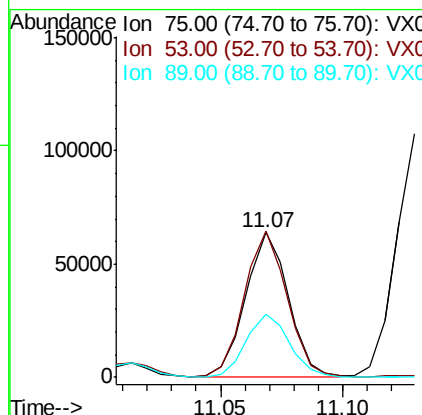
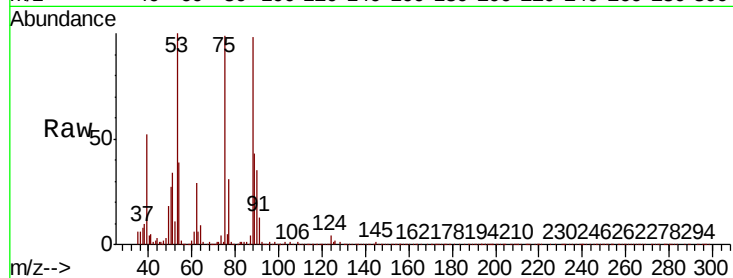
#77
t-1,4-Dichloro-2-butene
Concen: 17.930 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.6	48.8	146.3
89	43.3	22.3	66.8

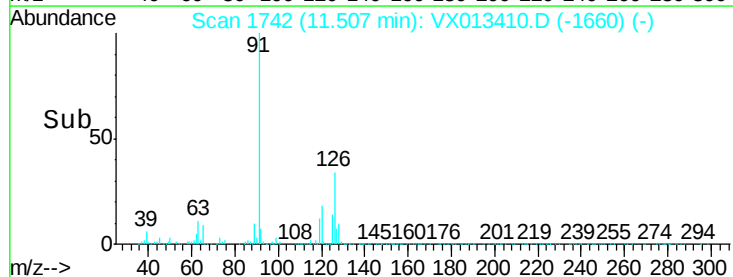
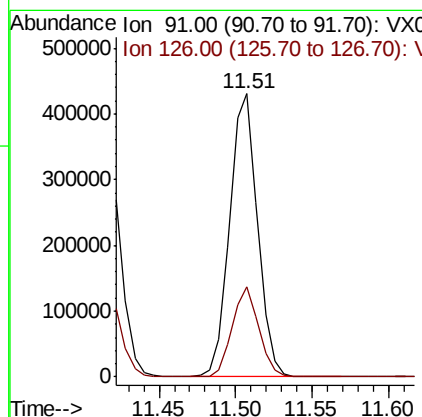
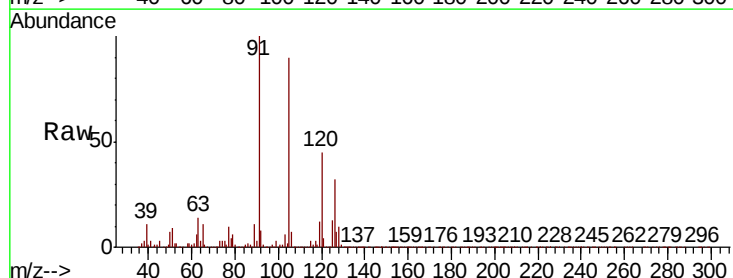
Manual Integrations
APPROVED

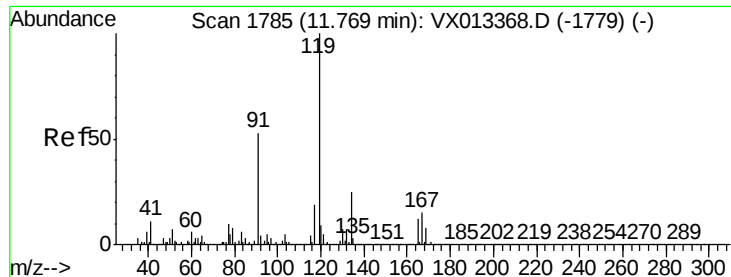
MMDadoda
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#78
4-Chlorotoluene
Concen: 19.780 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	0.0	61.0





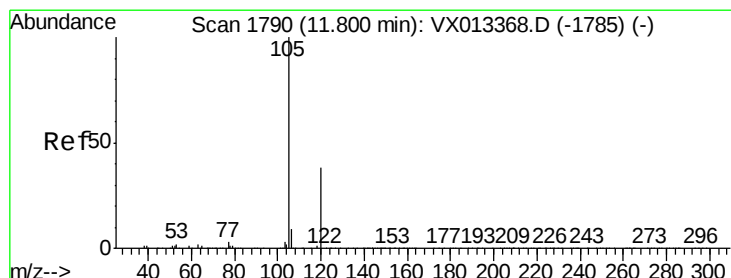
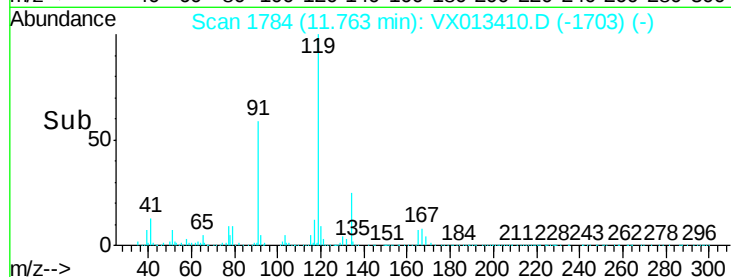
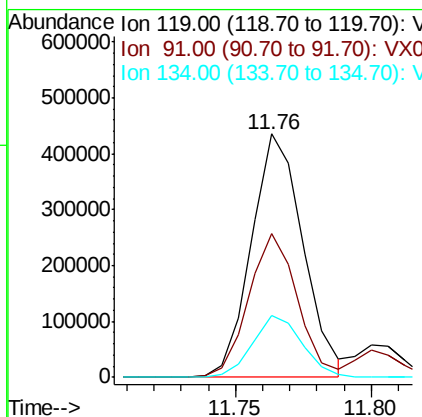
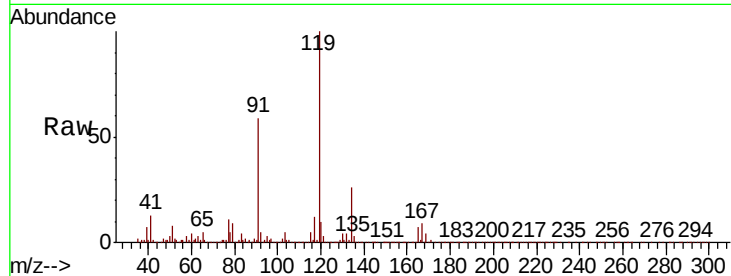
#79
tert-butylbenzene
Concen: 19.087 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.01 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
119	100	573070		
91	55.5	0.0	109.6	
134	24.4	0.0	47.8	

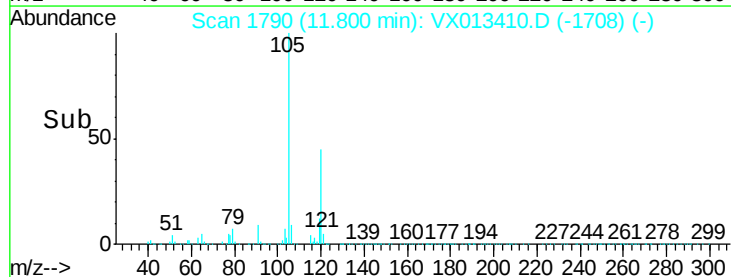
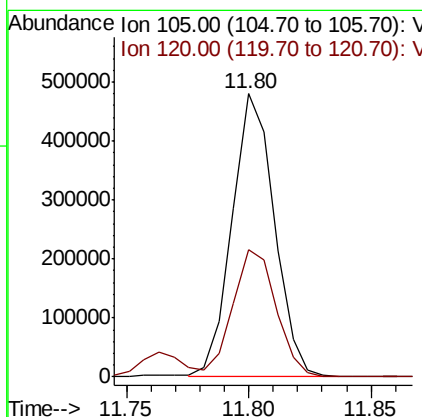
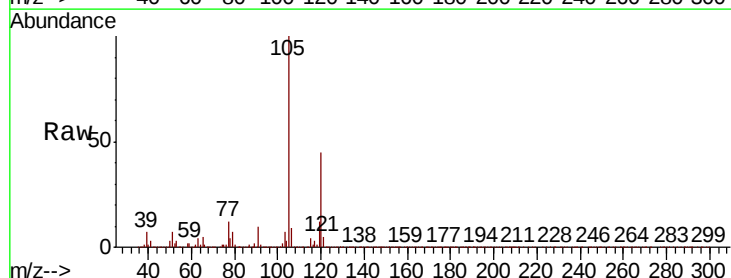
Manual Integrations
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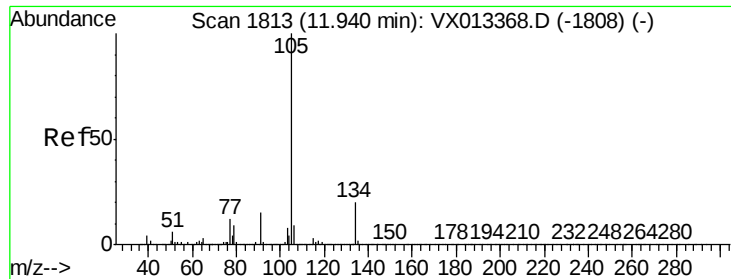
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#80
1,2,4-Trimethylbenzene
Concen: 19.406 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	575465		
120	46.1	0.0	94.0	





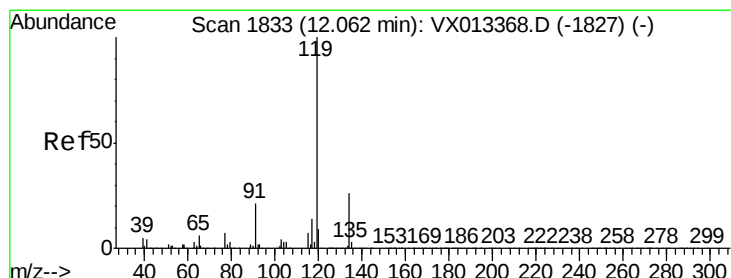
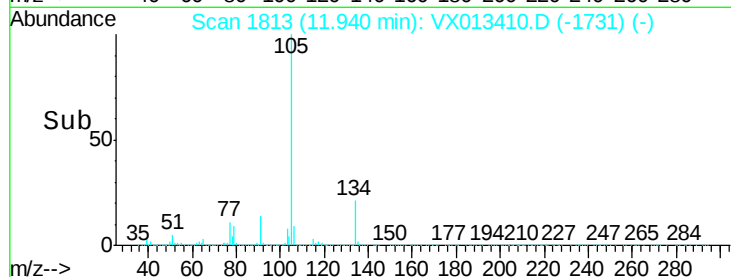
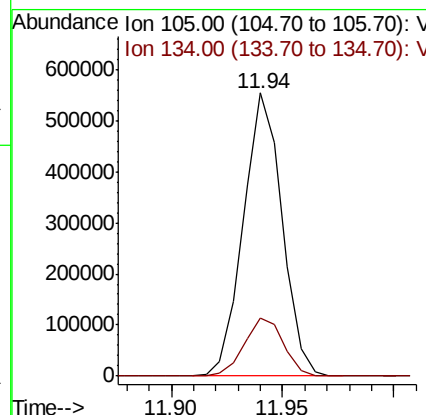
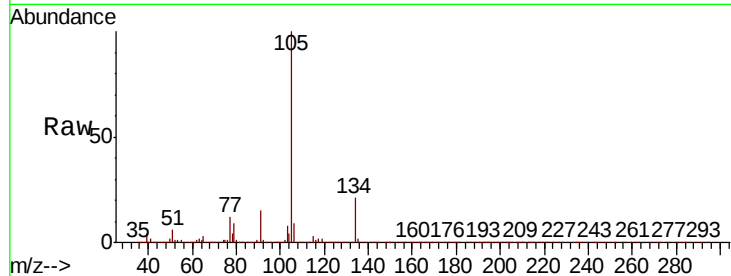
#81
 sec-Butylbenzene
 Concen: 19.644 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	0.0	41.2

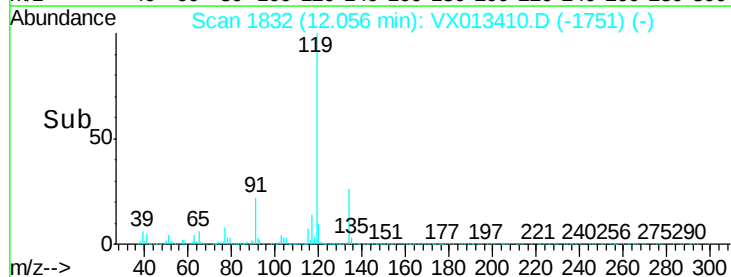
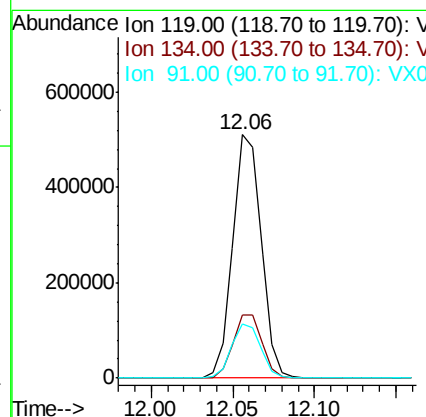
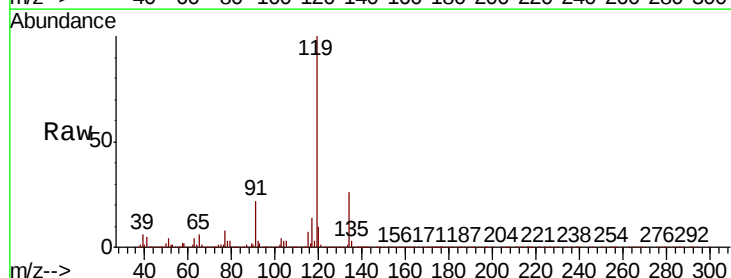
Manual Integrations
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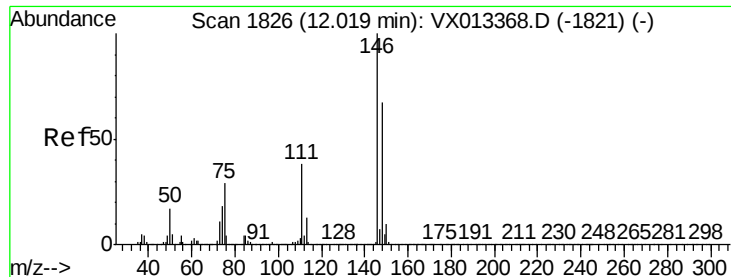
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#82
 p-Isopropyltoluene
 Concen: 19.694 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.2	0.0	51.6
91	22.5	0.0	44.2





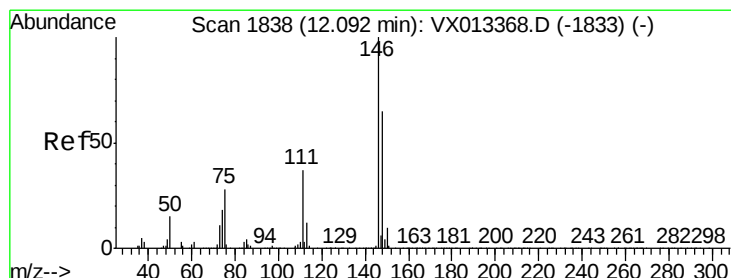
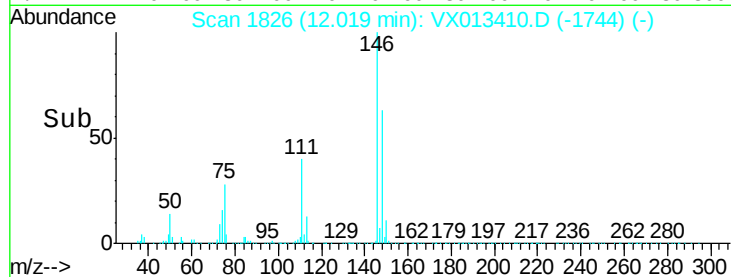
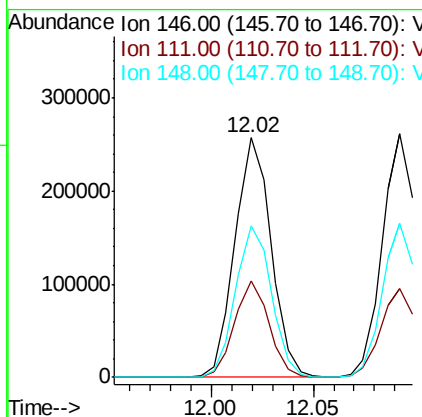
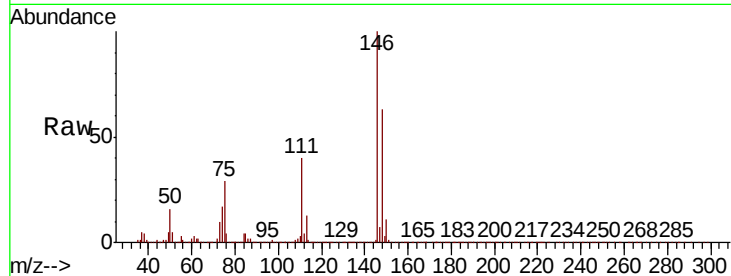
#83
1,3-Dichlorobenzene
Concen: 19.291 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	18.8	56.3
148	62.9	32.3	96.9

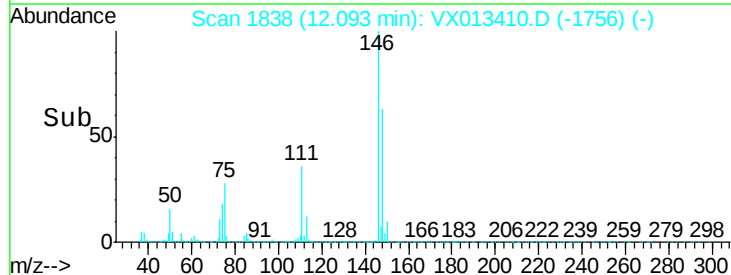
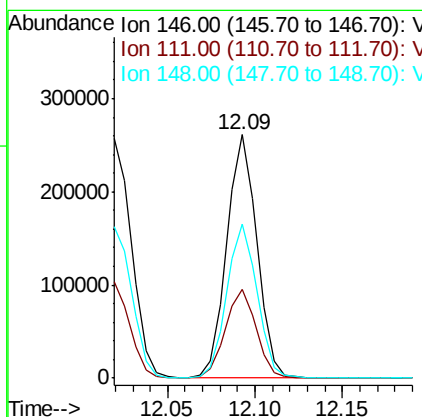
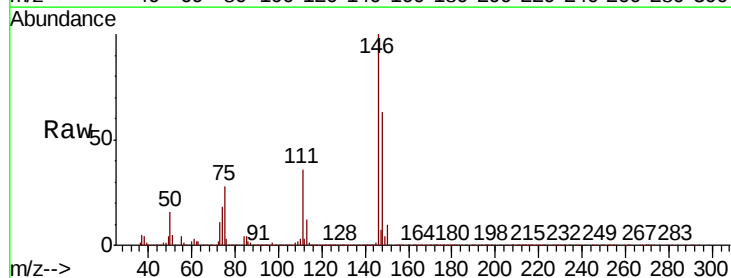
Manual Integrations
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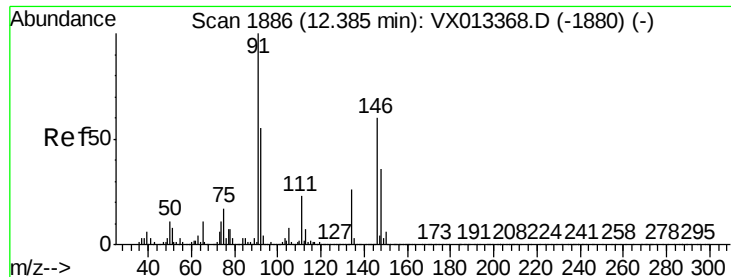
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#84
1,4-Dichlorobenzene
Concen: 19.279 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.6
148	63.5	32.5	97.4





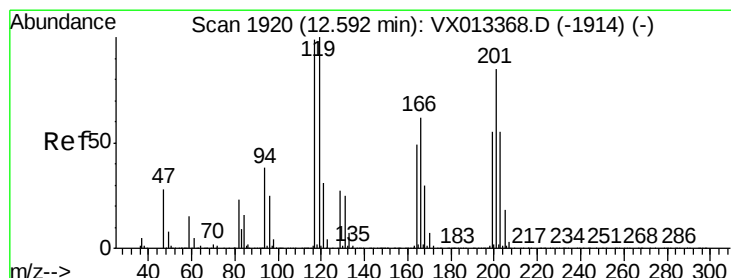
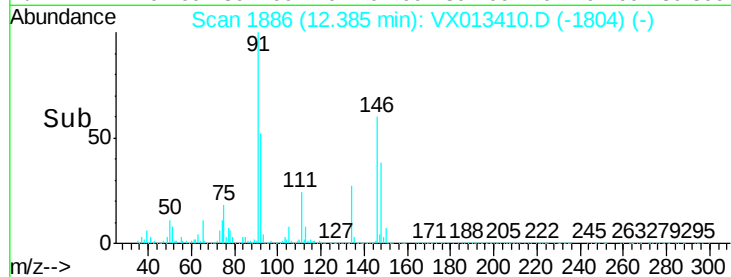
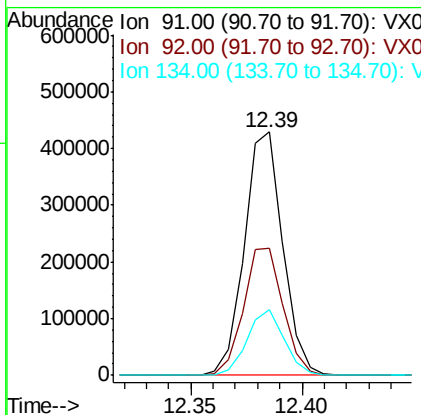
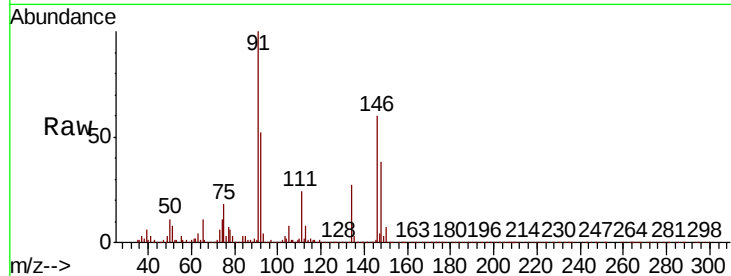
#85
n-Butylbenzene
Concen: 18.941 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
91	100	515939		
92	53.9	0.0	109.0	
134	26.1	0.0	53.0	

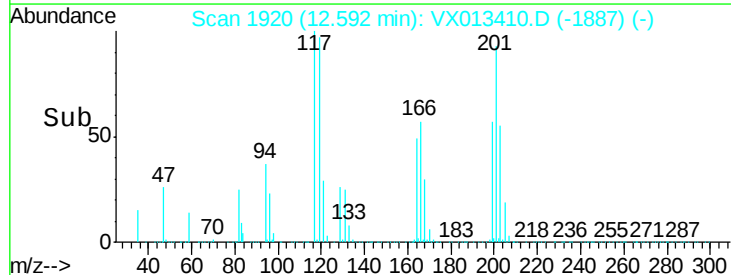
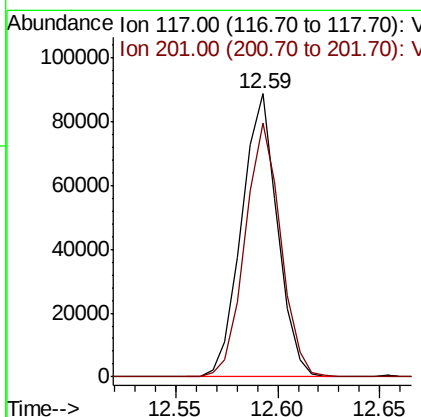
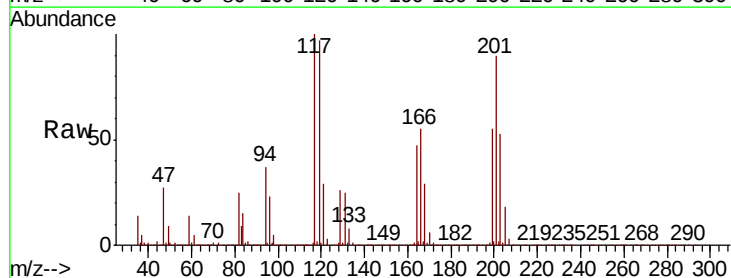
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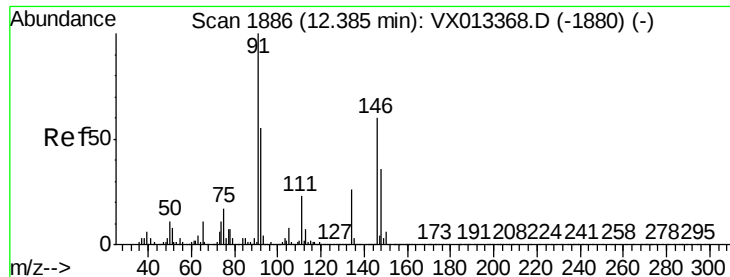
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#86
Hexachloroethane
Concen: 18.572 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	107565		
201	90.2	44.5	133.3	





#87

1,2-Dichlorobenzene

Concen: 19.072 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Instrument :

MSVOA_X

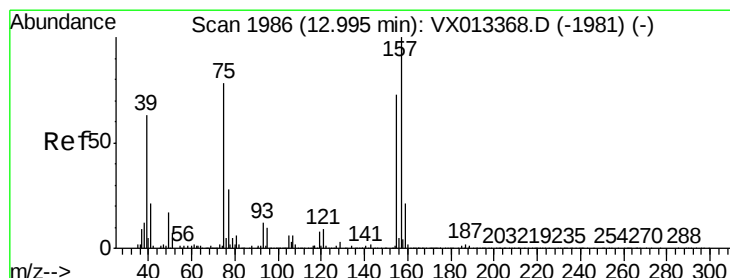
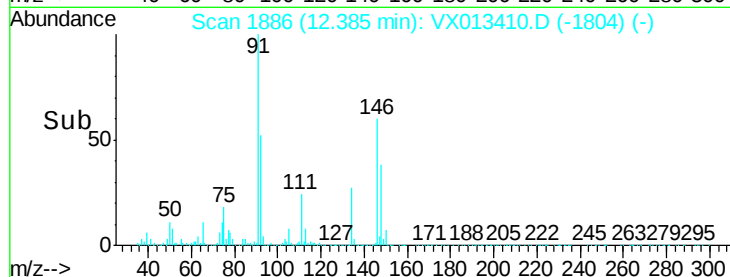
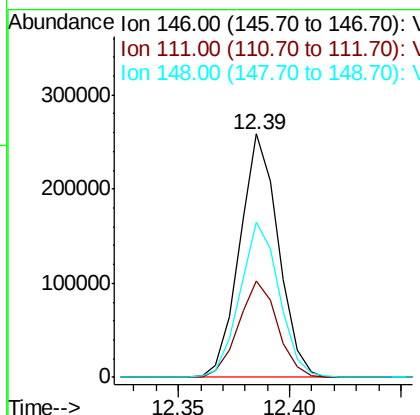
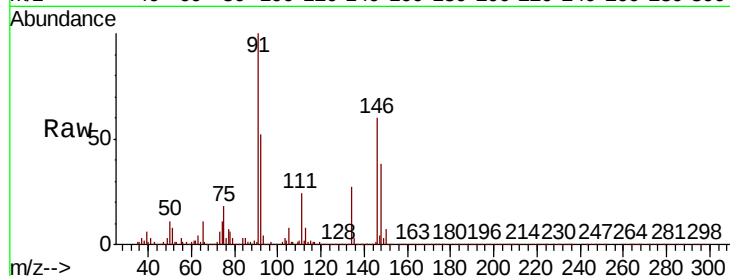
ClientSampleId :

VSTDCCC020

Tot Ion:	146	Resp:	313038
Ion Ratio	Lower	Upper	
146	100		
111	39.8	19.6	58.7
148	64.8	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 18.184 ug/l

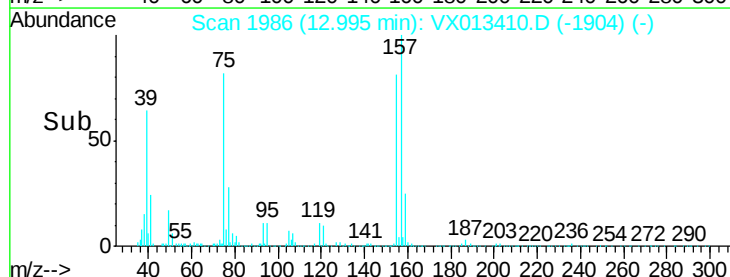
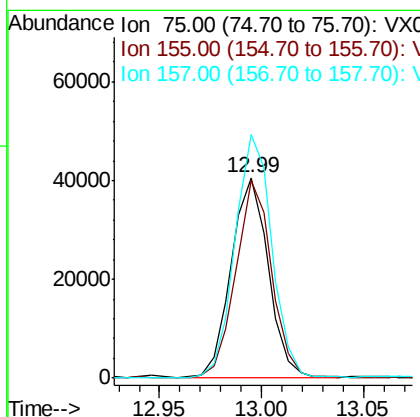
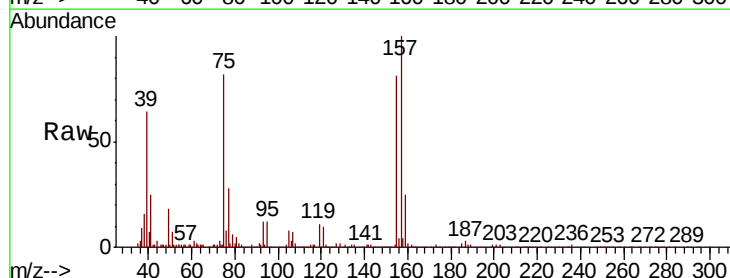
RT: 12.99 min Scan# 1986

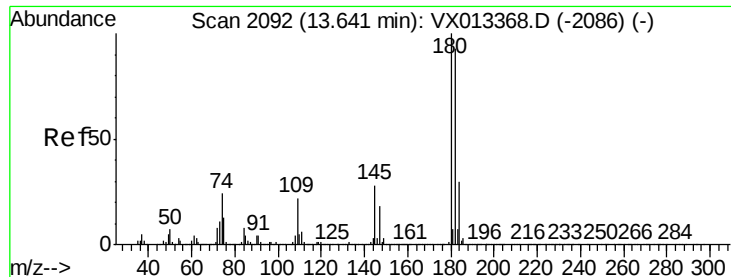
Delta R.T. 0.00 min

Lab File: VX013410.D

Acq: 14 Nov 2019 09:52

Tgt Ion:	75	Resp:	51547
Ion Ratio	Lower	Upper	
75	100		
155	93.9	76.9	115.3
157	119.8	101.2	151.8





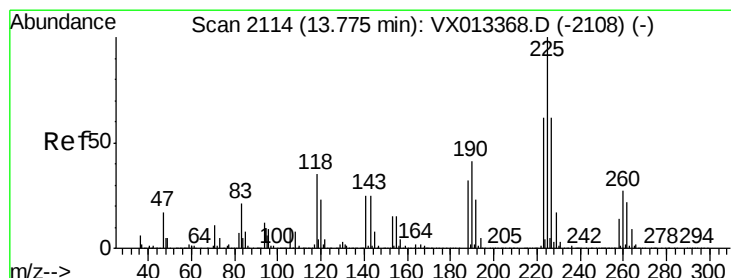
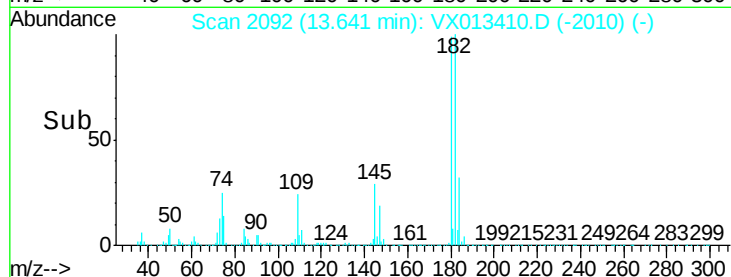
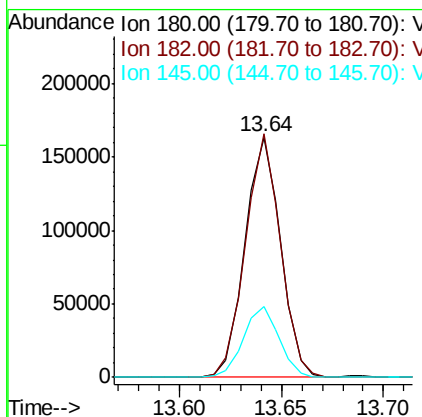
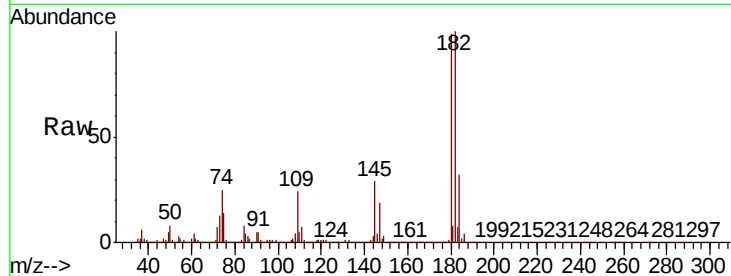
#89
 1,2,4-Trichlorobenzene
 Concen: 17.516 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	198230		
182	99.5	74.7	112.1	
145	29.7	22.1	33.1	

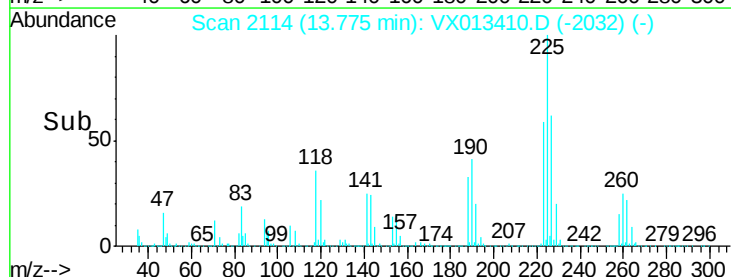
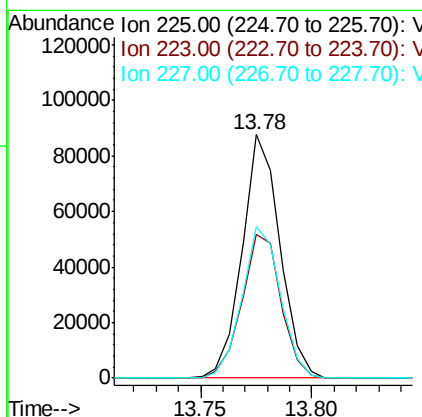
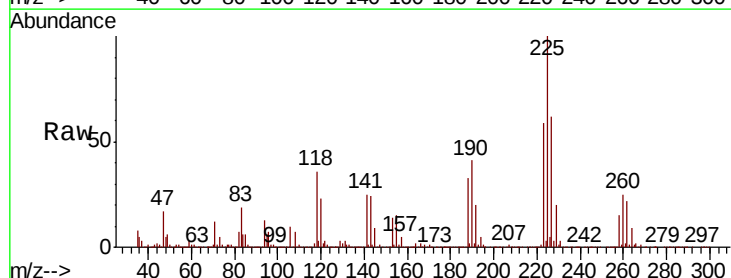
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#90
 Hexachlorobutadiene
 Concen: 19.127 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013410.D
 Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103723		
223	61.3	0.0	123.0	
227	63.2	0.0	121.8	





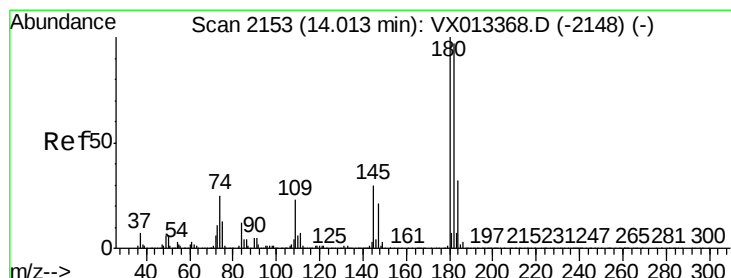
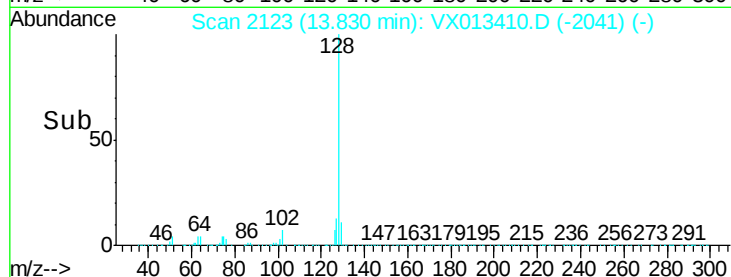
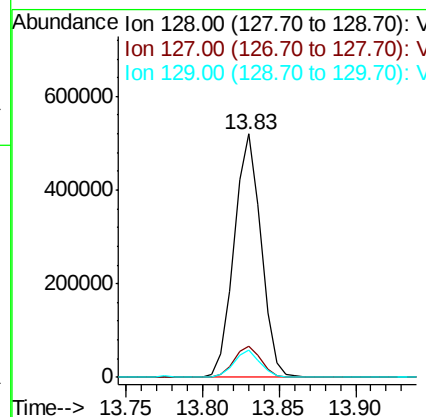
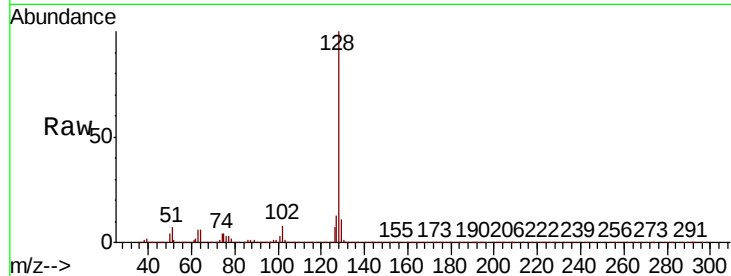
#91
Naphthalene
Concen: 17.659 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.2
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 18.107 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013410.D
Acq: 14 Nov 2019 09:52

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	0.0	191.0
145	30.1	0.0	59.0

