

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111219\
 Data File : VX013374.D
 Acq On : 12 Nov 2019 09:58
 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
 11/13/2019 9:39:51 AM

Quant Time: Nov 12 12:36:20 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	130935	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	710652	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	637083	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	275761	28.52	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.07%
60) 4-Bromofluorobenzene	11.13	95	309715	30.25	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.83%
63) Toluene-d8	8.71	98	879136	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	176619	18.003	ug/l 97
3) Chloromethane	1.32	50	199571	18.666	ug/l 98
4) Vinyl Chloride	1.40	62	216545	17.824	ug/l 99
5) Bromomethane	1.63	94	128564	17.603	ug/l 97
6) Chloroethane	1.72	64	122939	18.409	ug/l 99
7) Trichlorofluoromethane	1.92	101	221398	16.928	ug/l 98
8) Diethyl Ether	2.18	74	104895	17.565	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	137608	17.487	ug/l 98
10) 1,1-Dichloroethene	2.36	96	141176	17.458	ug/l 94
11) Methyl Iodide	2.50	142	147659	14.788	ug/l 99
12) Methyl Acetate	2.76	43	245371	17.316	ug/l 99
13) Acrolein	2.28	56	134850	89.592	ug/l 99
14) Acrylonitrile	3.12	53	439390	84.326	ug/l 97
15) Acetone	2.43	58	157137	99.572	ug/l 95
16) Carbon Disulfide	2.56	76	391809	17.371	ug/l 99
17) Allyl chloride	2.72	41	261552	17.564	ug/l 99
18) Methylene Chloride	2.84	84	160567	17.501	ug/l 94
19) trans-1,2-Dichloroethene	3.15	96	154665	17.896	ug/l 97
20) Diisopropyl ether	3.84	45	511696	17.860	ug/l 92
21) 1,1-Dichloroethane	3.68	63	277747	17.799	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	174821	17.743	ug/l 97
23) tert-Butyl Alcohol	3.02	59	208445	83.125	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	483557	18.068	ug/l 100
25) Chloroform	5.19	83	274418	17.966	ug/l 98
26) Cyclohexane	5.56	56	241575	17.047	ug/l # 98
29) 1,1-Dichloropropene	5.78	75	200602	18.481	ug/l 99
30) 2-Butanone	4.65	43	694219	96.897	ug/l 99
31) 2,2-Dichloropropane	4.56	77	226179	19.241	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	224229	18.586	ug/l 99
33) Carbon Tetrachloride	5.77	117	189191	18.054	ug/l 95
34) Benzene	6.13	78	631400	19.178	ug/l 99
35) Methacrylonitrile	5.02	41	132080	18.461	ug/l 94
36) 1,2-Dichloroethane	6.18	62	222325	19.292	ug/l 98
37) Trichloroethene	7.20	130	166790	18.910	ug/l 94
38) Methylcyclohexane	7.45	83	242971	18.256	ug/l 98
39) 1,2-Dichloropropane	7.50	63	160089	18.805	ug/l 100
40) Dibromomethane	7.65	93	104371	18.423	ug/l 98

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Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	206943	18.712	ug/l	97
42) Vinyl Acetate	3.80	43	2145536	95.118	ug/l	100
43) Ethyl Acetate	4.82	43	237875	18.204	ug/l	96
44) Isopropyl Acetate	6.43	43	386777	18.414	ug/l	100
45) 1,4-Dioxane	7.73	88	86810	374.339	ug/l	100
46) Methyl methacrylate	7.76	41	193532	18.523	ug/l	97
47) n-amyl Acetate	10.89	43	341307	18.525	ug/l	100
48) t-1,3-Dichloropropene	9.03	75	231741	18.687	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	259328	19.084	ug/l	96
50) 1,1,2-Trichloroethane	9.21	97	153871	18.354	ug/l	98
51) Ethyl methacrylate	9.17	69	255085	18.480	ug/l	97
52) 1,3-Dichloropropane	9.36	76	271258	18.927	ug/l	99
53) Dibromochloromethane	9.57	129	166342	18.721	ug/l	97
54) 1,2-Dibromoethane	9.67	107	168922	18.844	ug/l	98
55) 2-Chloroethyl vinyl ether	8.30	63	547150	92.771	ug/l	99
56) Bromoform	10.85	173	127552	18.039	ug/l	99
58) 4-Methyl-2-Pentanone	8.63	43	1228910	92.338	ug/l	100
59) 2-Hexanone	9.48	43	1008165	95.739	ug/l	99
61) Tetrachloroethene	9.33	164	150703	19.183	ug/l	94
62) Toluene	8.78	91	675430	19.033	ug/l	100
64) Chlorobenzene	10.14	112	424494	19.131	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	154446	18.595	ug/l	99
66) Ethyl Benzene	10.25	91	737266	18.911	ug/l	99
67) m/p-Xylenes	10.35	106	569269	37.854	ug/l	100
68) o-Xylene	10.70	106	275627	18.991	ug/l	99
69) Styrene	10.71	104	466488	18.823	ug/l	98
70) Isopropylbenzene	11.01	105	727910	19.034	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	255527	18.661	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	241195m	20.861	ug/l	
73) Bromobenzene	11.25	156	191511	18.989	ug/l	97
74) n-propylbenzene	11.35	91	826790	19.024	ug/l	99
75) 2-Chlorotoluene	11.42	91	490156	18.966	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	608517	18.930	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	82764	17.704	ug/l	98
78) 4-Chlorotoluene	11.51	91	550923	18.606	ug/l	100
79) tert-butylbenzene	11.76	119	596540	18.393	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	609297	19.021	ug/l	99
81) sec-Butylbenzene	11.94	105	698713	18.882	ug/l	99
82) p-Isopropyltoluene	12.06	119	647576	18.994	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	339318	19.137	ug/l	98
84) 1,4-Dichlorobenzene	12.09	146	333089	18.925	ug/l	98
85) n-Butylbenzene	12.39	91	546033	18.557	ug/l	99
86) Hexachloroethane	12.59	117	113629	18.162	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	338788	19.108	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	53912	17.606	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	227743	18.629	ug/l	98
90) Hexachlorobutadiene	13.78	225	106523	18.184	ug/l	96
91) Naphthalene	13.83	128	720276	18.609	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	228578	18.502	ug/l	99

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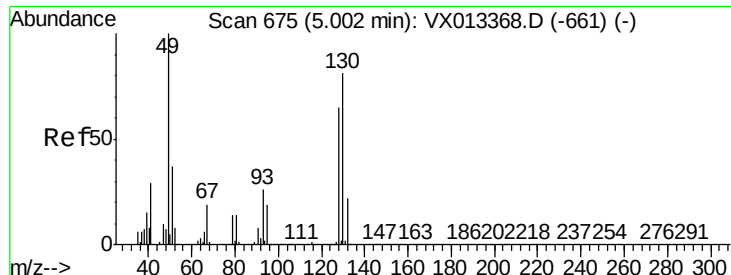
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

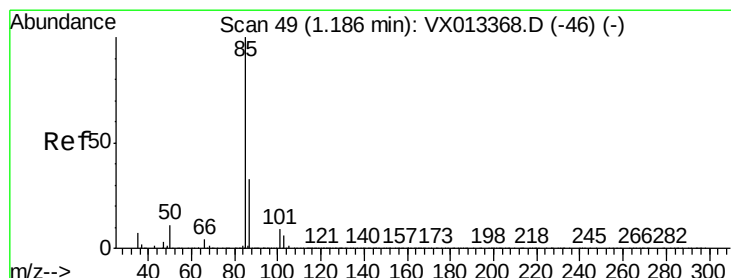
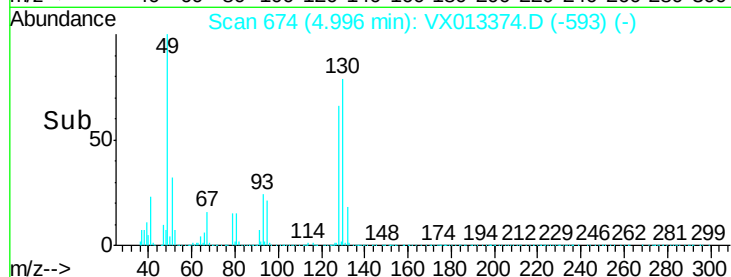
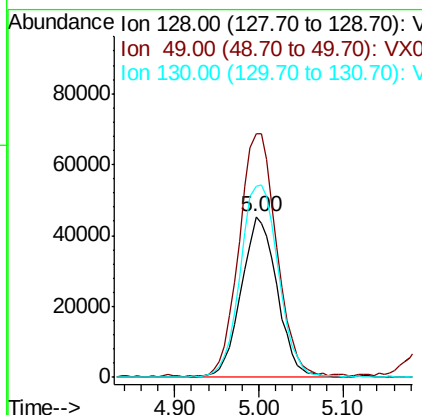
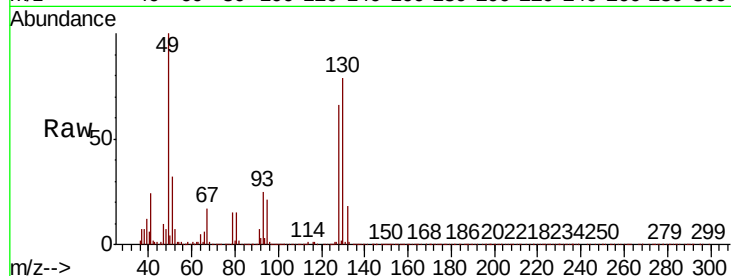
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 674
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
128	100		
49	158.5	0.0	388.3
130	126.4	0.0	318.5

Manual Integrations
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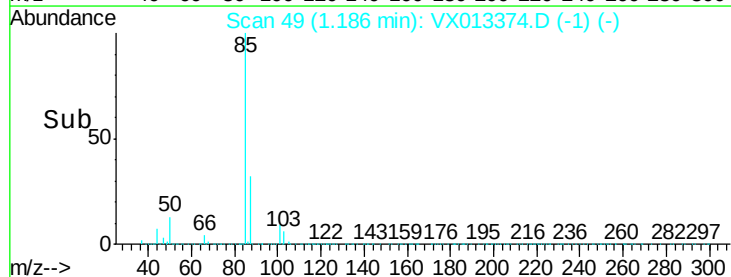
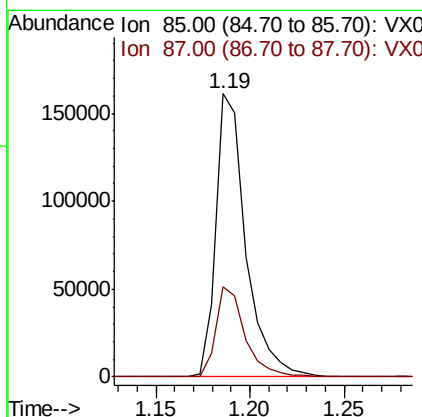
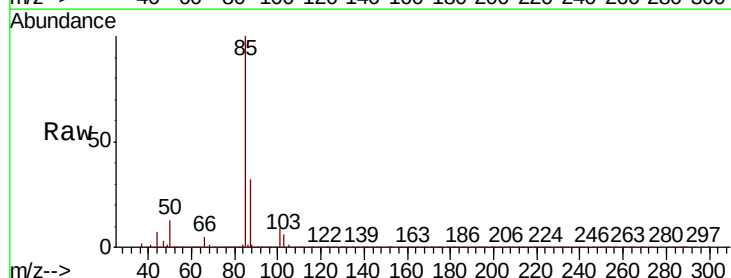
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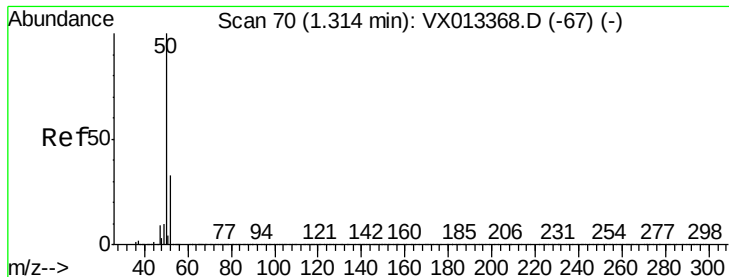


#2

Dichlorodifluoromethane
Concen: 18.003 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.6	16.6	49.7





#3

Chloromethane

Concen: 18.666 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 50 Resp: 199571

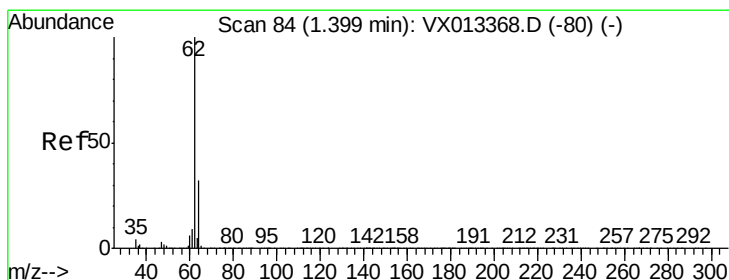
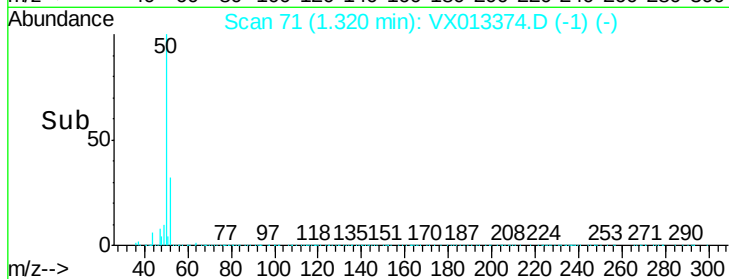
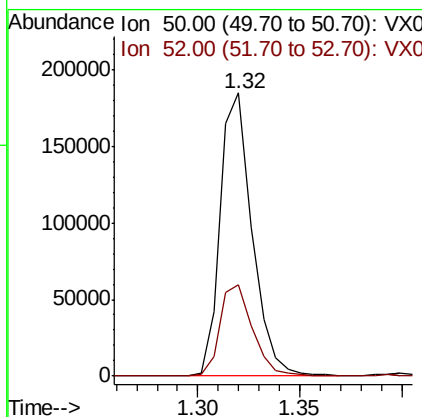
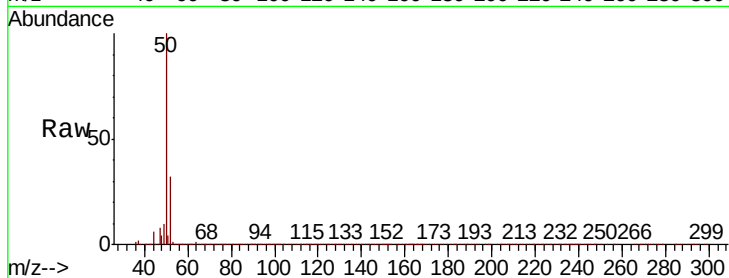
Ion Ratio Lower Upper

50 100

52 32.1 26.6 40.0

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#4

Vinyl Chloride

Concen: 17.824 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013374.D

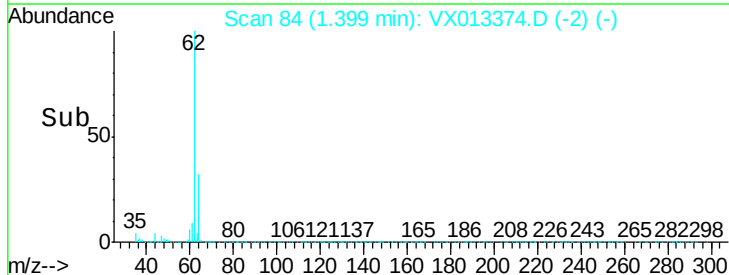
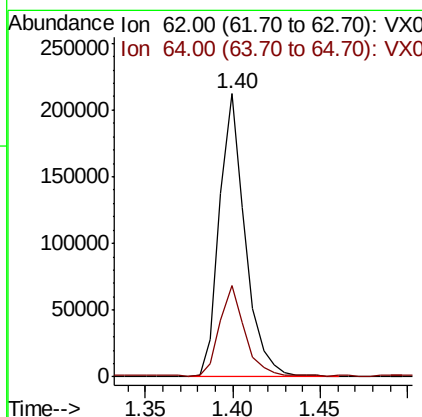
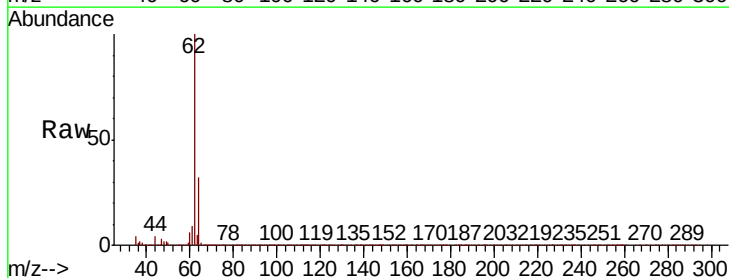
Acq: 12 Nov 2019 09:58

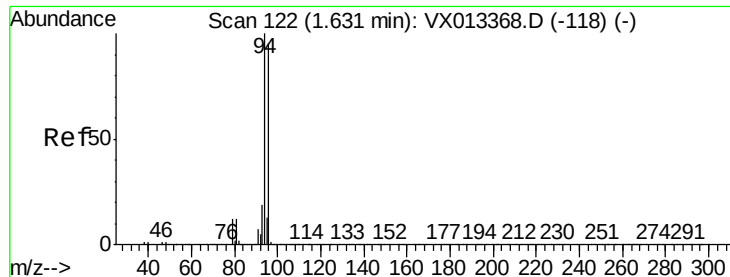
Tgt Ion: 62 Resp: 216545

Ion Ratio Lower Upper

62 100

64 32.2 25.4 38.2





#5

Bromomethane

Concen: 17.603 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 94 Resp: 128564

Ion Ratio Lower Upper

94 100

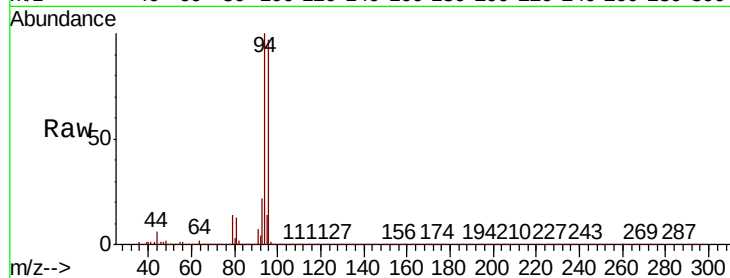
96 97.5 75.7 113.5

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

120000

100000

80000

60000

40000

20000

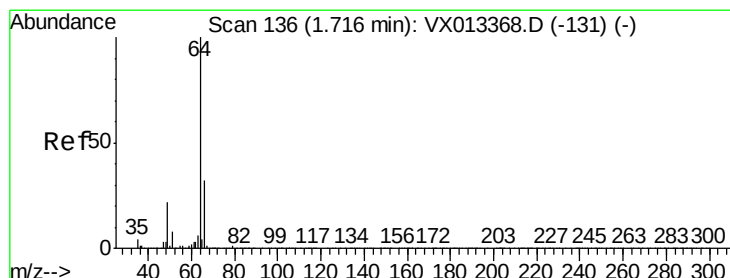
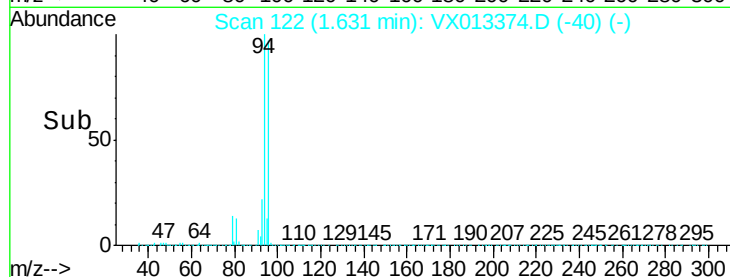
0

1.60

1.63

1.65

Time-->



#6

Chloroethane

Concen: 18.409 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.00 min

Lab File: VX013374.D

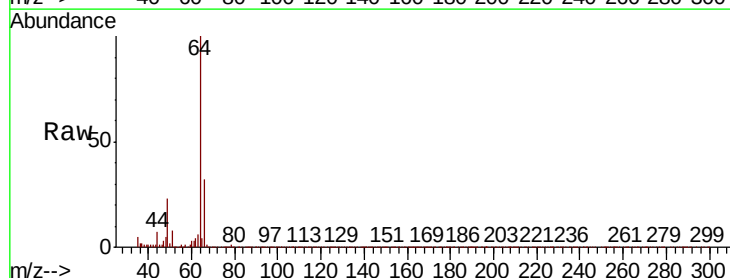
Acq: 12 Nov 2019 09:58

Tgt Ion: 64 Resp: 122939

Ion Ratio Lower Upper

64 100

66 32.4 25.5 38.3



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

100000

80000

60000

40000

20000

0

1.65

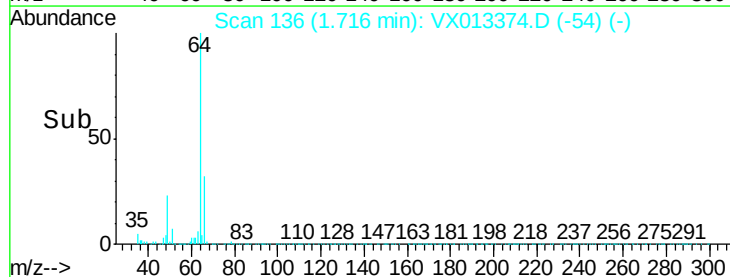
1.70

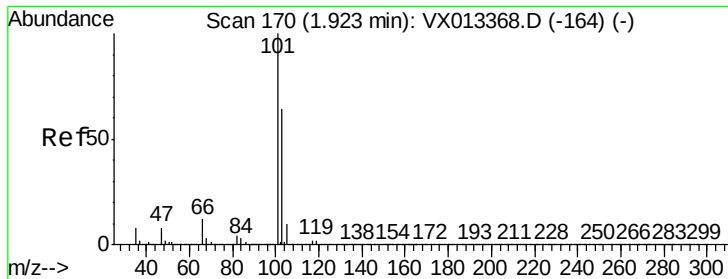
1.72

1.75

1.80

Time-->





#7

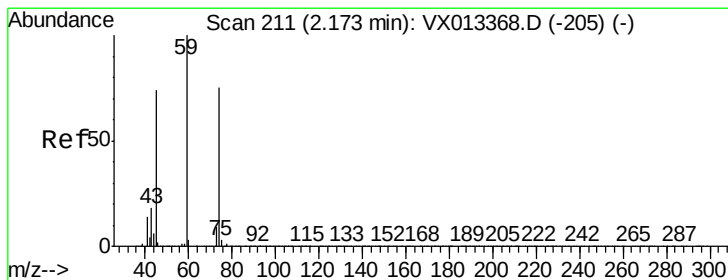
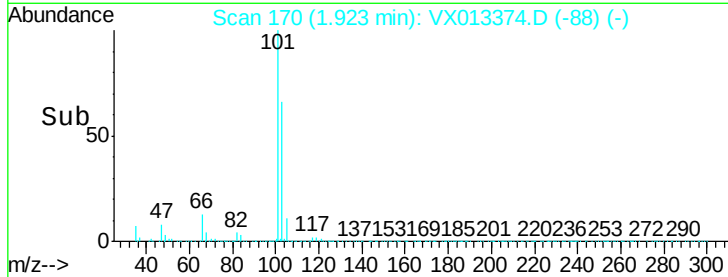
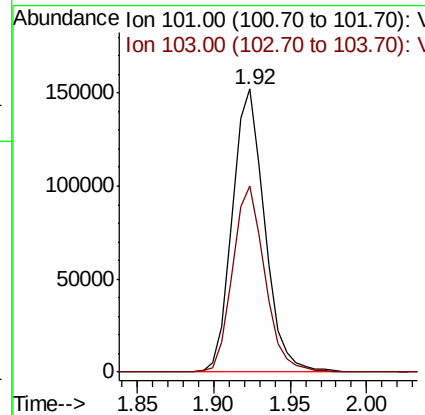
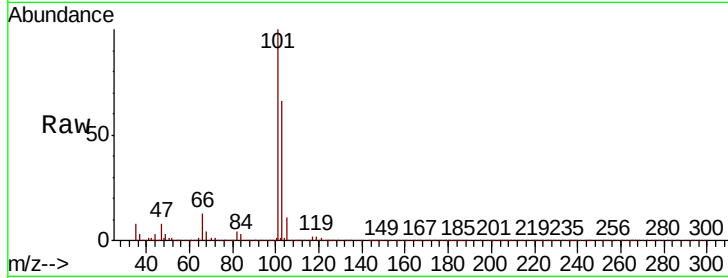
Trichlorofluoromethane
Concen: 16.928 ug/l
RT: 1.92 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.2	76.8

Manual Integrations
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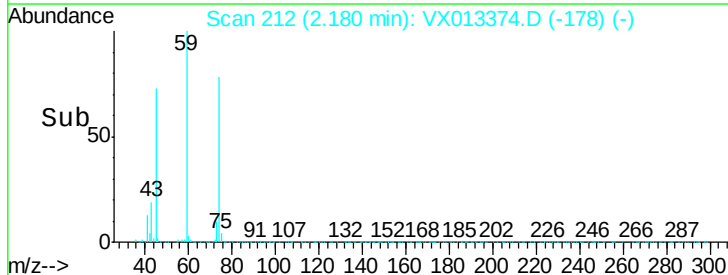
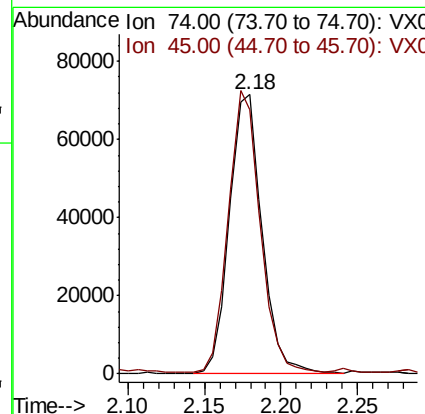
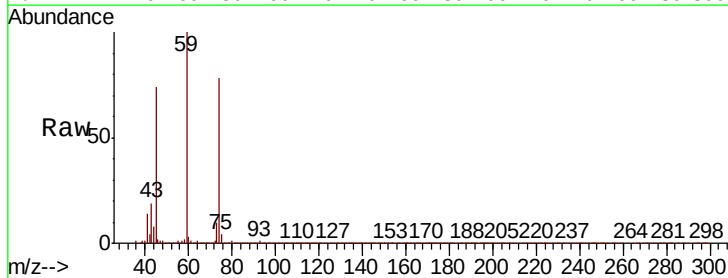
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11/13/2019 9:39:51 AM

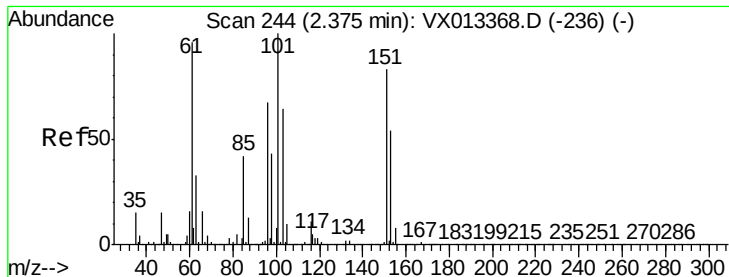


#8

Diethyl Ether
Concen: 17.565 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	99.1	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.487 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

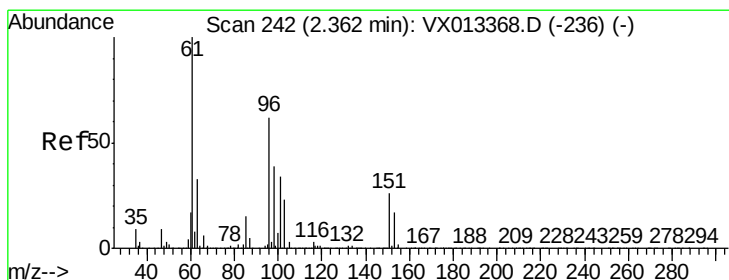
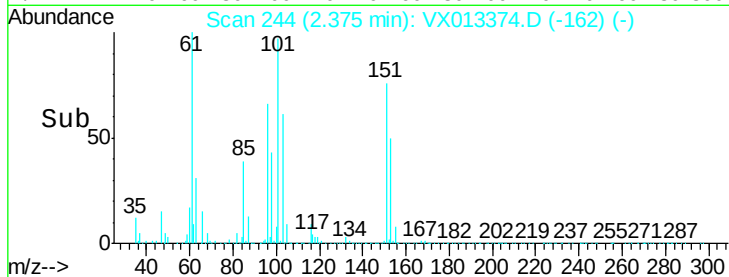
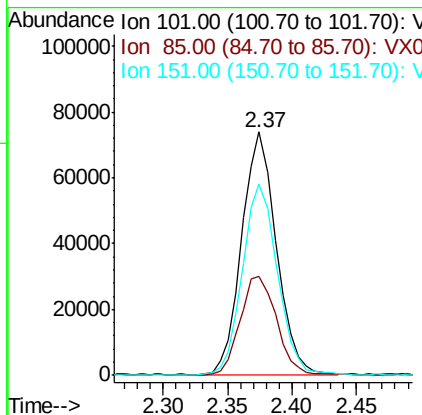
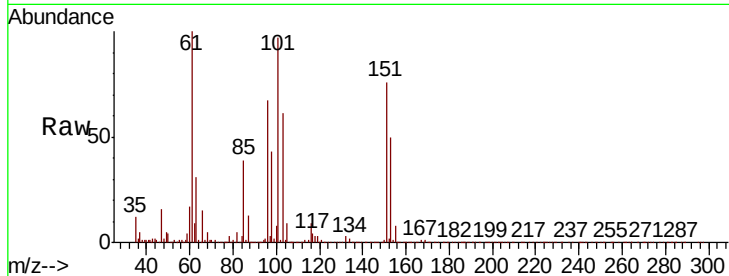
ClientSampleId :

VSTDCCC020

Tot Ion:	101	Resp:	137608
Ion Ratio	Lower	Upper	
101	100		
85	42.0	0.0	83.2
151	79.8	0.0	163.8

Manual Integrations
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11/13/2019 9:39:51 AM



#10

1,1-Dichloroethene

Concen: 17.458 ug/l

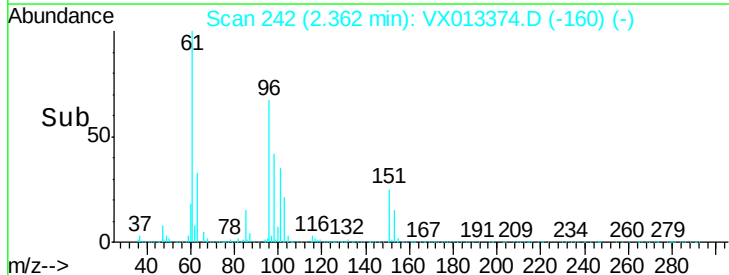
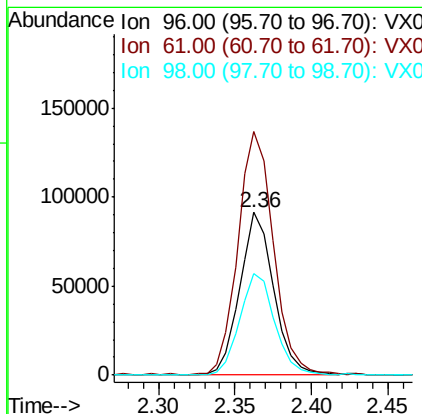
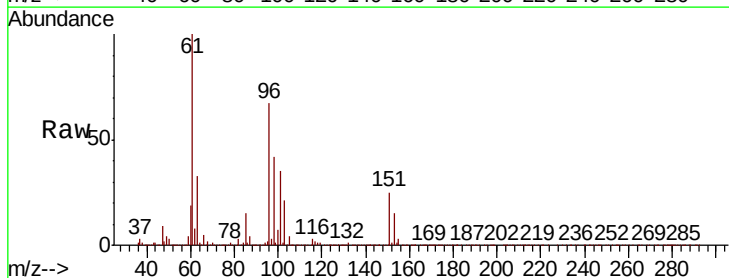
RT: 2.36 min Scan# 242

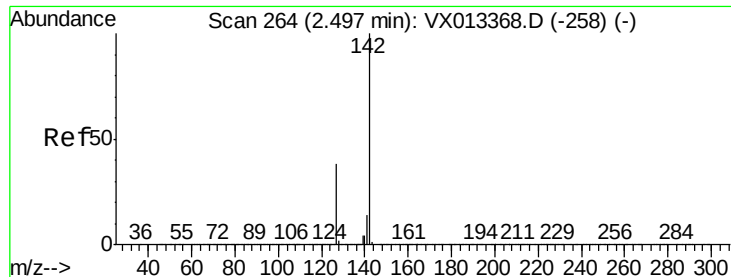
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	96	Resp:	141176
Ion Ratio	Lower	Upper	
96	100		
61	150.0	128.9	193.3
98	62.0	49.7	74.5





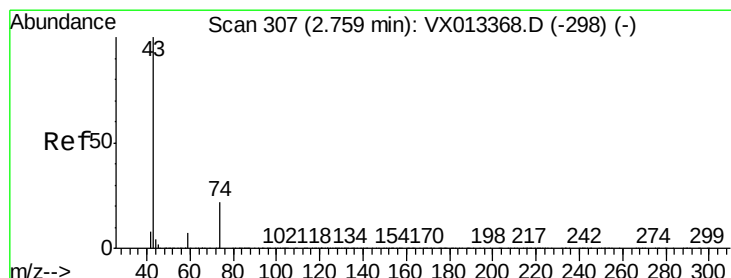
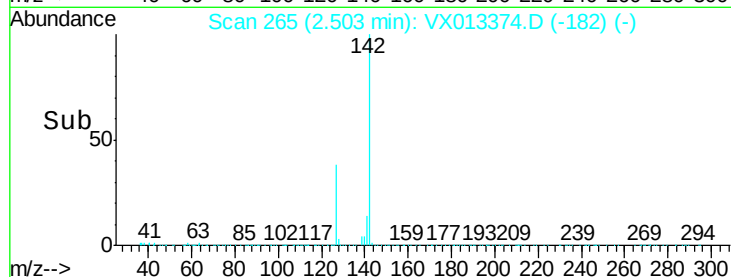
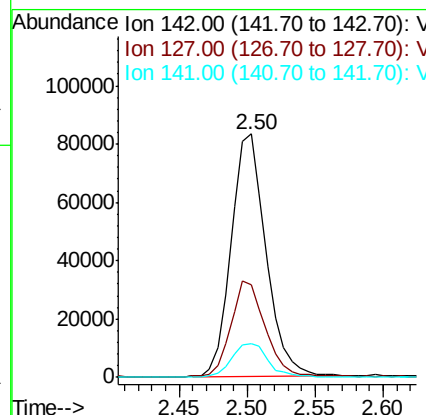
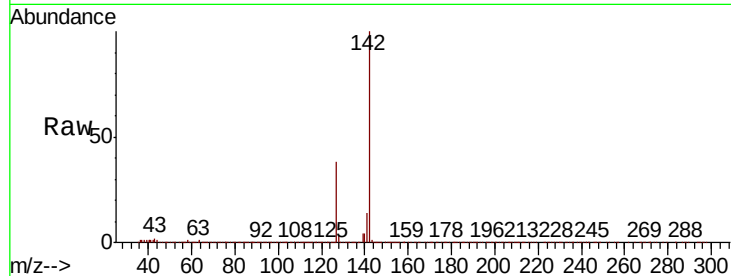
#11
Methyl Iodide
Concen: 14.788 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.7	19.1	57.5
141	13.6	7.0	21.0

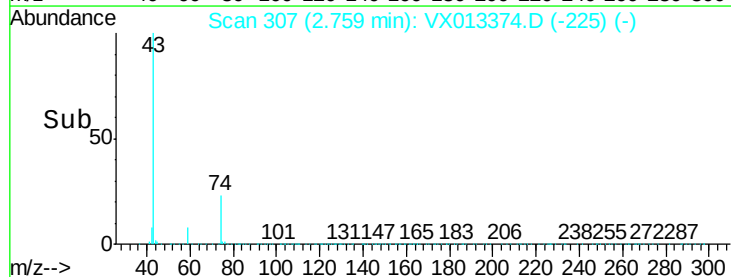
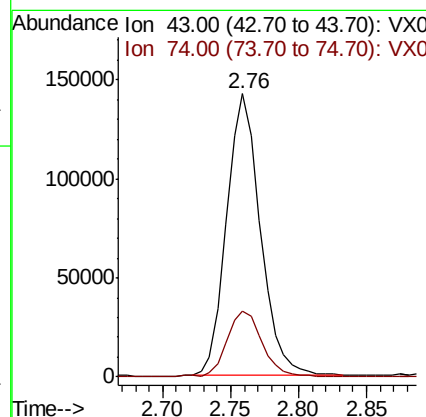
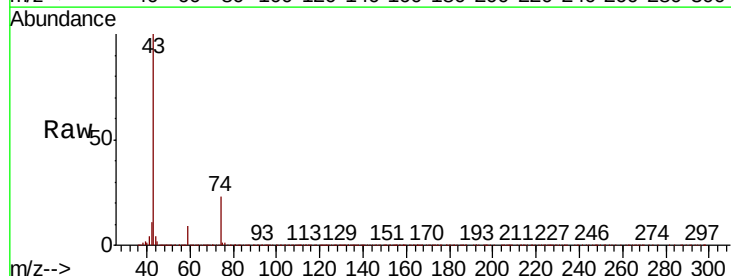
Manual Integrations
APPROVED

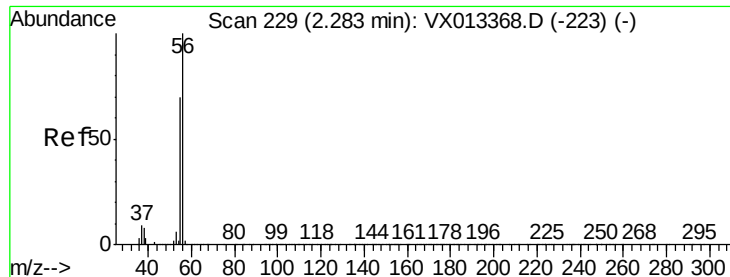
MMDadoda
11/13/2019 9:39:51 AM



#12
Methyl Acetate
Concen: 17.316 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.8	18.0	27.0





#13

Acrolein

Concen: 89.592 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 56 Resp: 134850

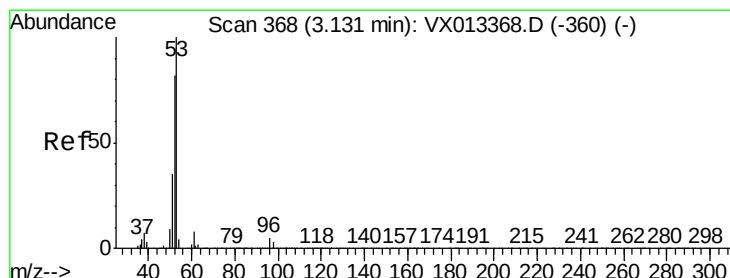
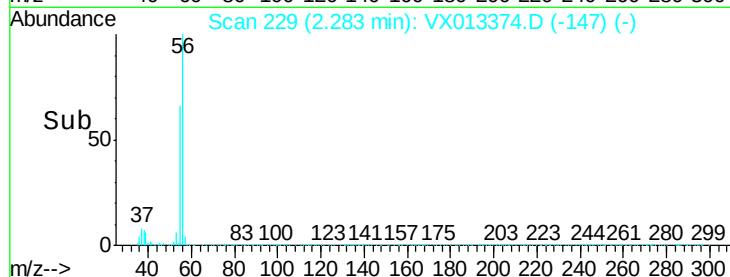
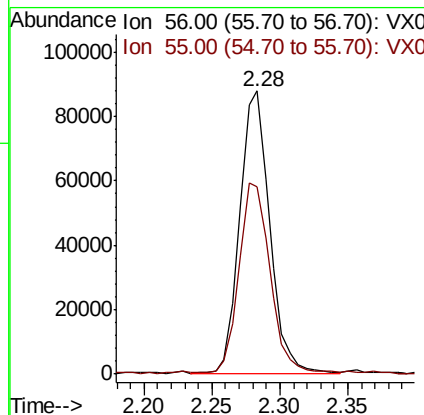
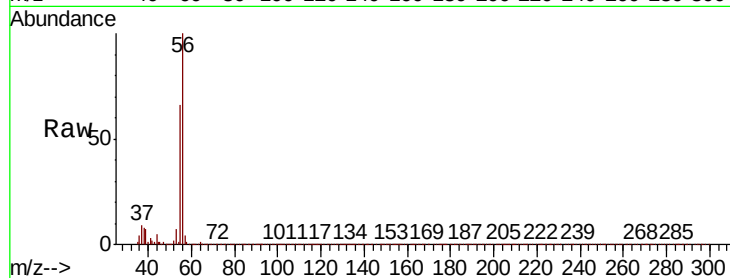
Ion Ratio Lower Upper

56 100

55 69.2 55.8 83.8

Manual Integrations
APPROVED

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11/13/2019 9:39:51 AM



#14

Acrylonitrile

Concen: 84.326 ug/l

RT: 3.12 min Scan# 367

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

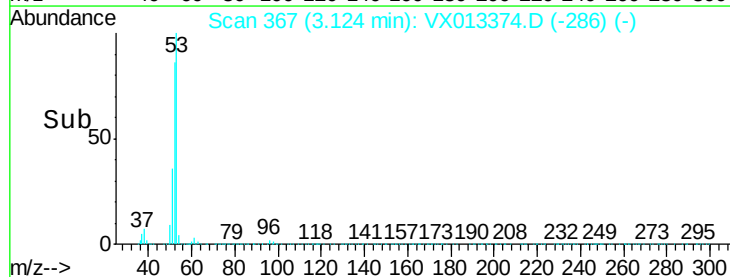
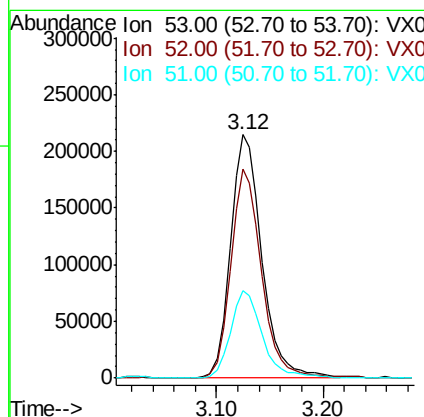
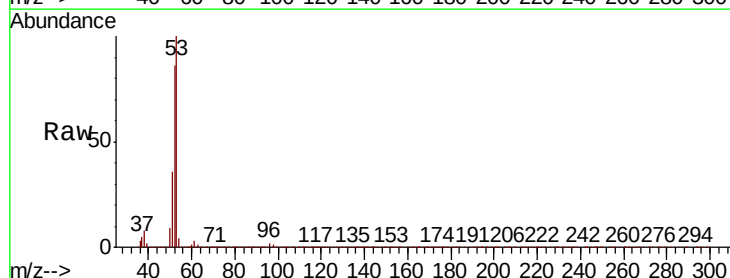
Tgt Ion: 53 Resp: 439390

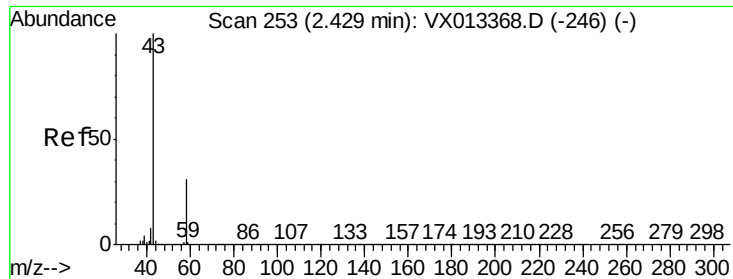
Ion Ratio Lower Upper

53 100

52 84.3 41.0 123.0

51 36.5 17.3 51.9





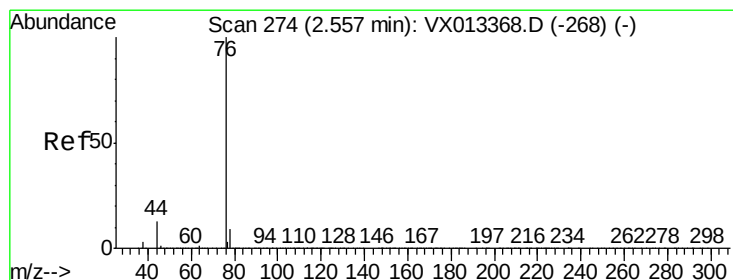
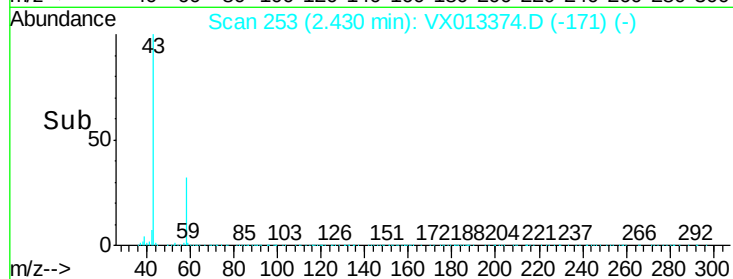
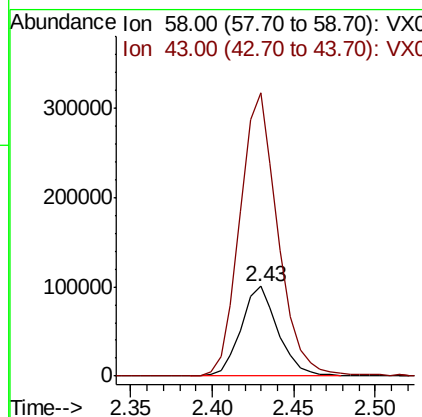
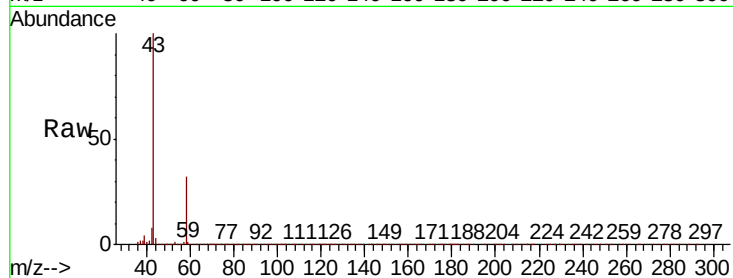
#15
Acetone
Concen: 99.572 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
58	100		
43	315.7	261.4	392.2

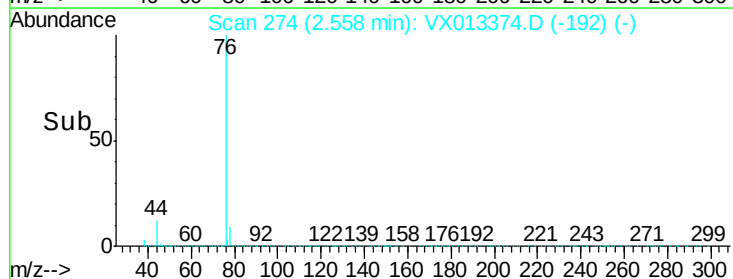
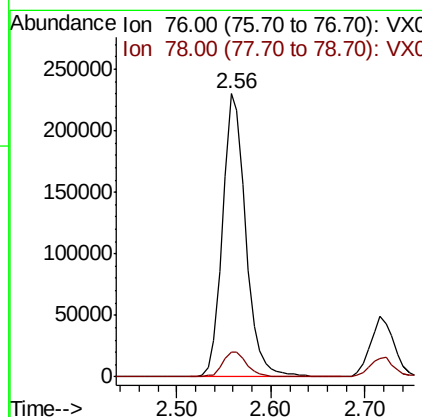
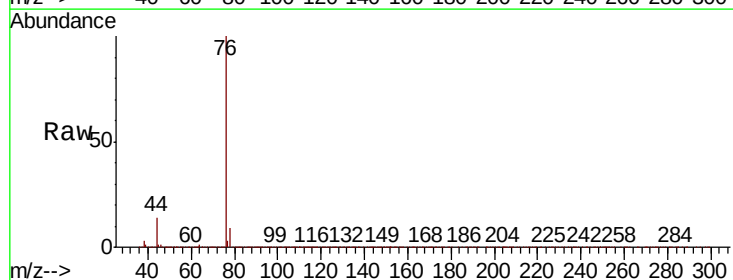
Manual Integrations
APPROVED

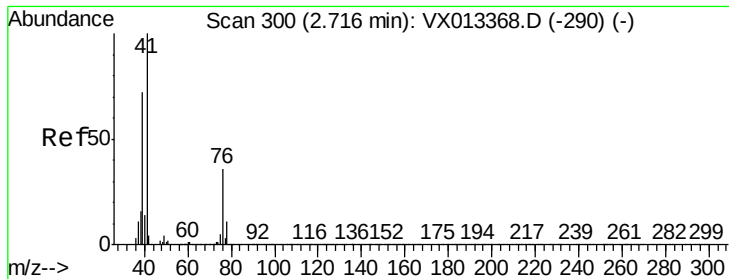
MMDadoda
11/13/2019 9:39:51 AM



#16
Carbon Disulfide
Concen: 17.371 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.0





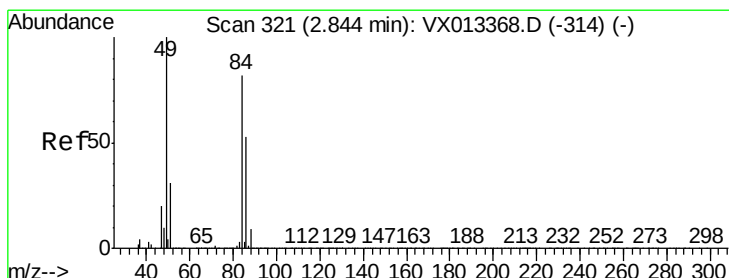
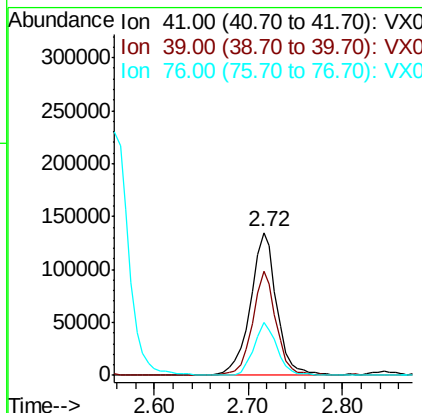
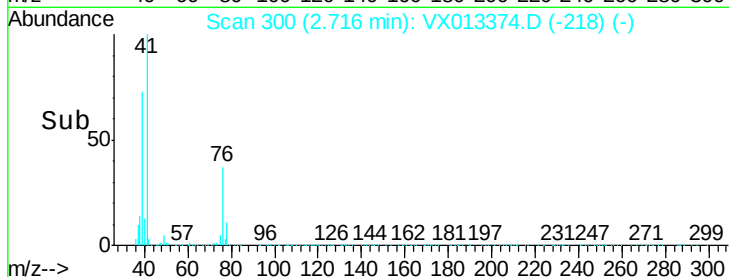
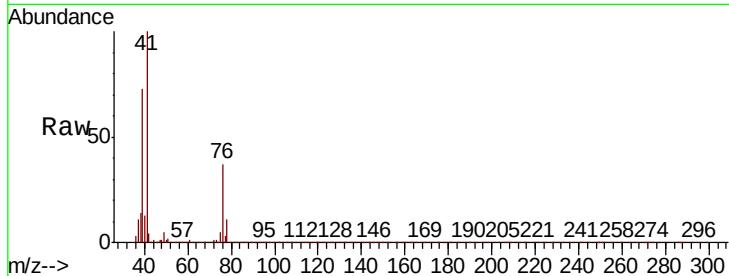
#17
Allvl chloride
Concen: 17.564 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.8	36.1	108.3
76	36.5	18.1	54.4

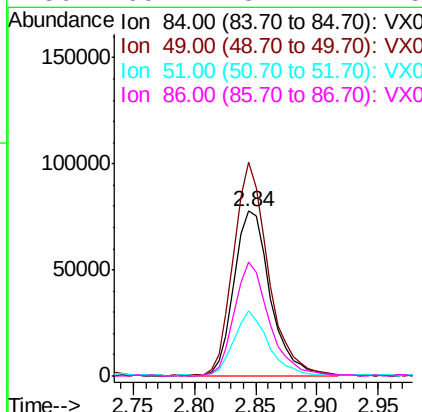
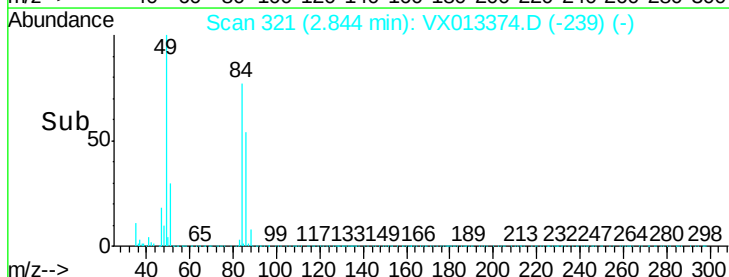
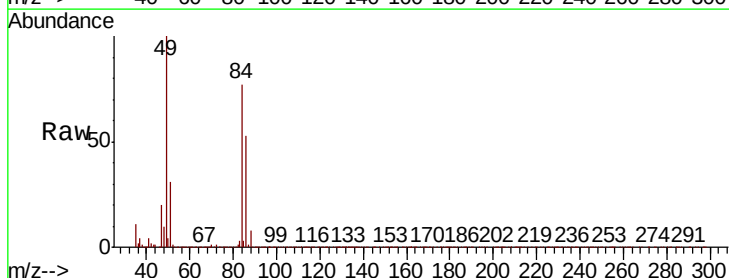
Manual Integrations
APPROVED

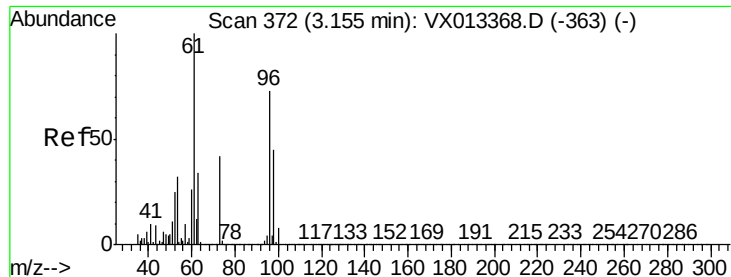
MMDadoda
11/13/2019 9:39:51 AM



#18
Methylene Chloride
Concen: 17.501 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
84	100		
49	129.2	96.8	145.2
51	39.4	30.0	45.0
86	69.2	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 17.896 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

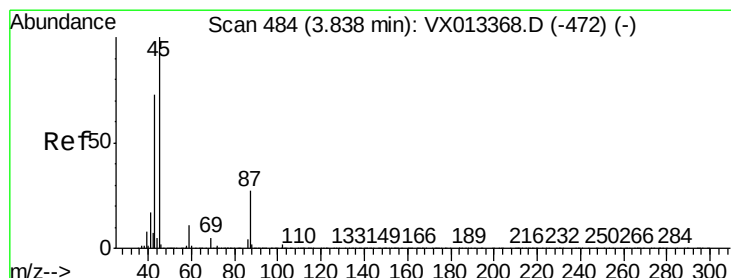
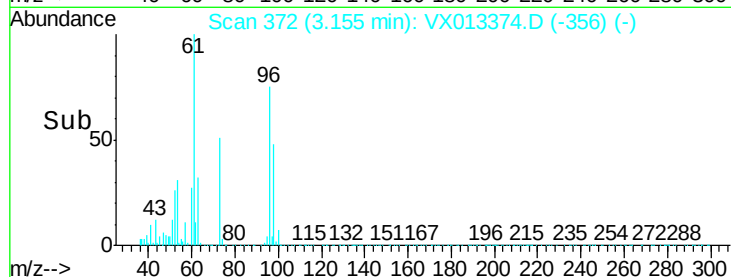
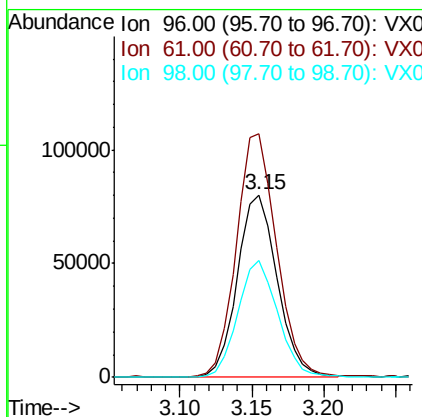
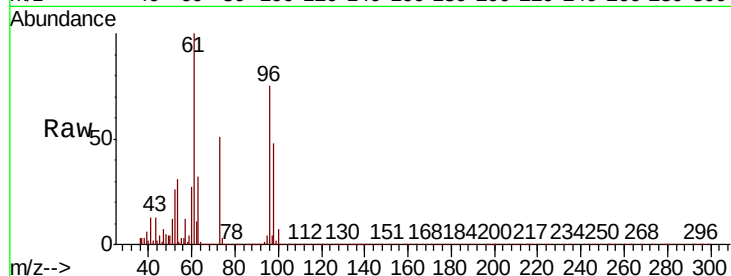
ClientSampleId :

VSTDCCC020

Tot Ion:	96	Resp:	154665
Ion Ratio	Lower	Upper	
96	100		
61	133.2	109.9	164.9
98	63.6	49.7	74.5

Manual Integrations
APPROVED

MMDadoda
11/13/2019 9:39:51 AM



#20

Diisopropyl ether

Concen: 17.860 ug/l

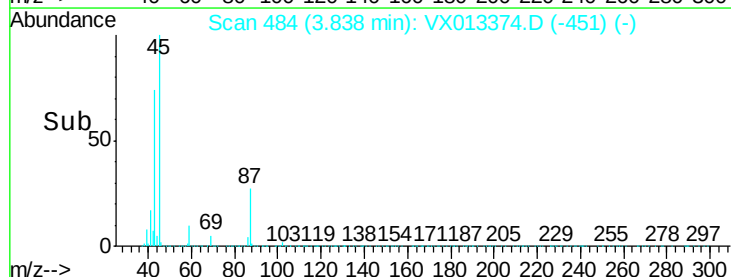
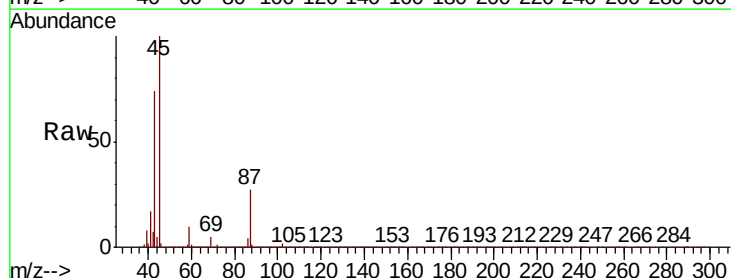
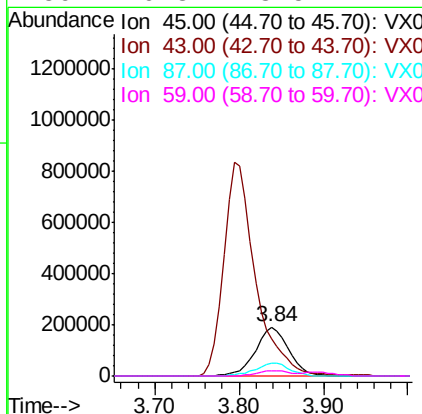
RT: 3.84 min Scan# 484

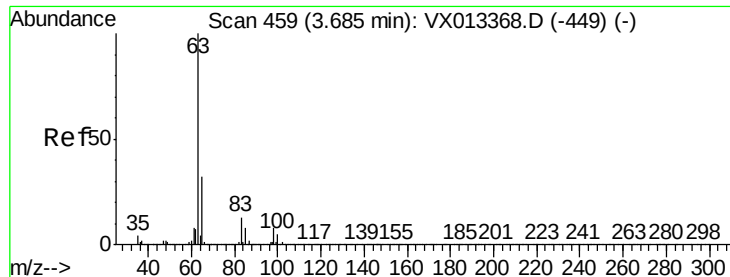
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	45	Resp:	511696
Ion Ratio	Lower	Upper	
45	100		
43	74.0	67.7	101.5
87	26.9	21.5	32.3
59	10.3	8.5	12.7





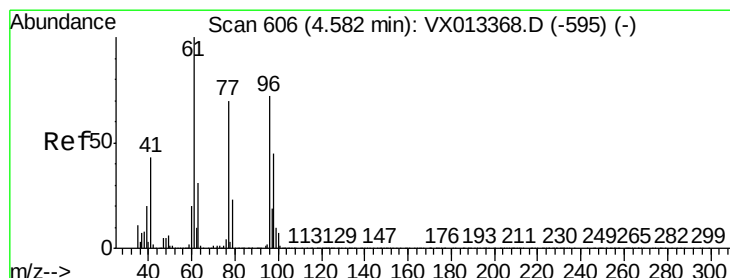
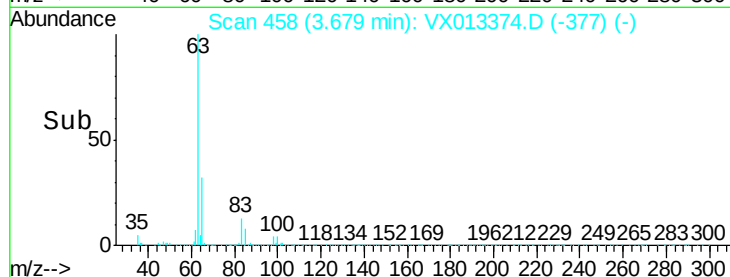
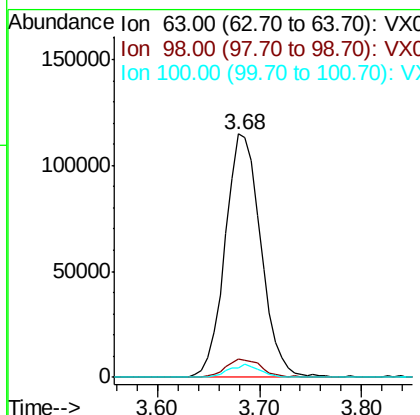
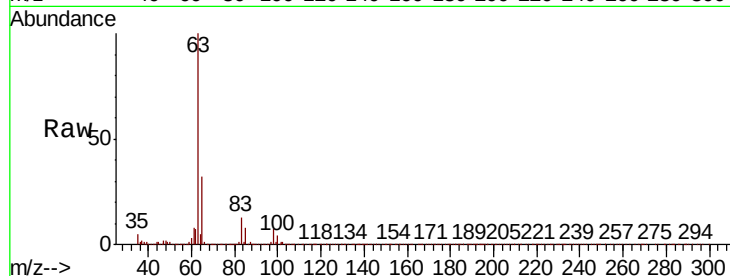
#21
1,1-Dichloroethane
Concen: 17.799 ug/l
RT: 3.68 min Scan# 458
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100		277747		
98	7.3	4.0	11.9		
100	3.9	2.5	7.5		

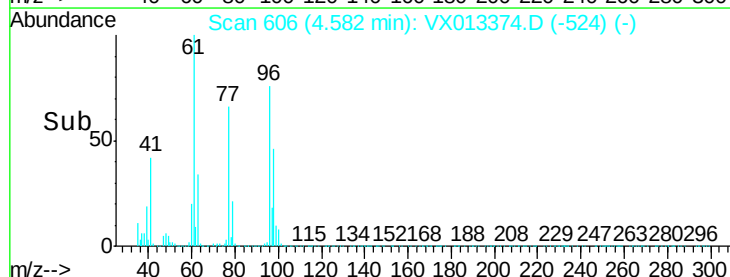
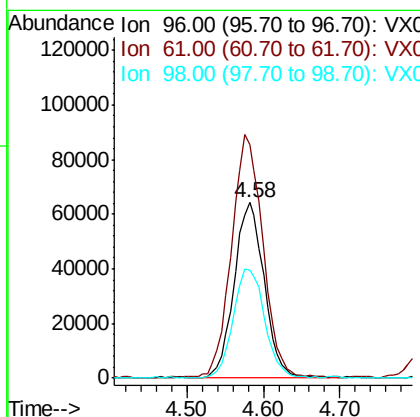
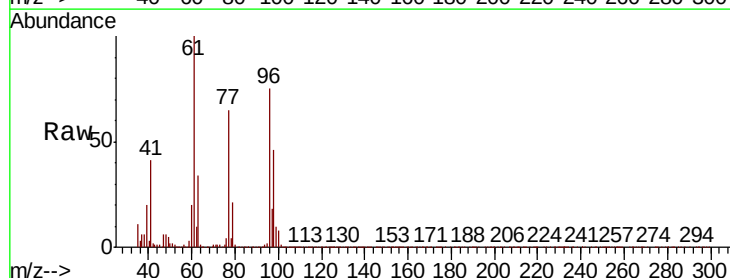
Manual Integrations
APPROVED

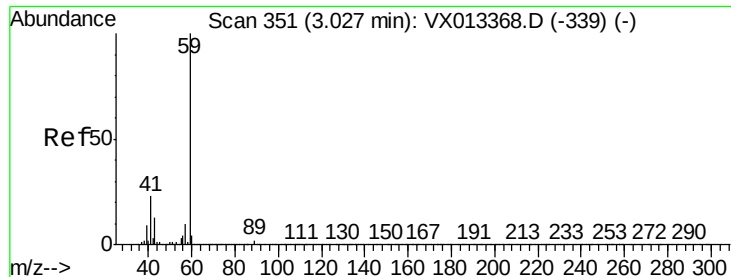
MMDadoda
11/13/2019 9:39:51 AM



#22
cis-1,2-Dichloroethene
Concen: 17.743 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100		174821		
61	142.4	117.0	175.6		
98	65.3	51.1	76.7		





#23

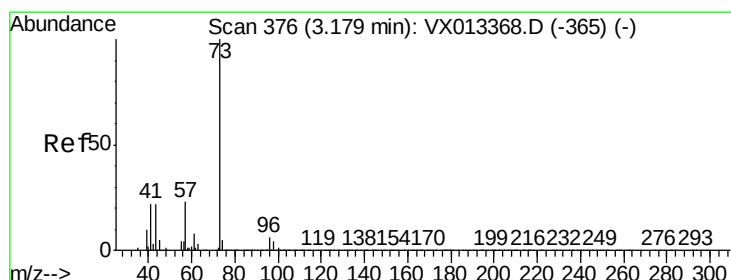
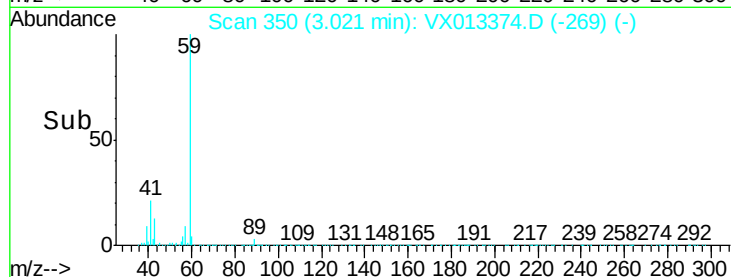
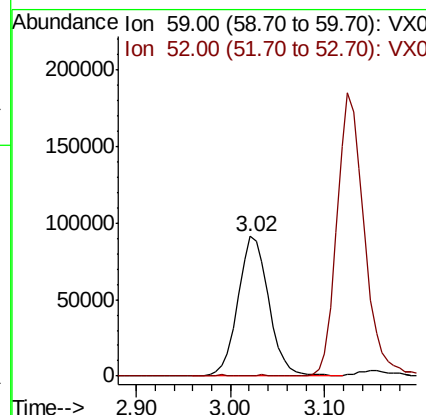
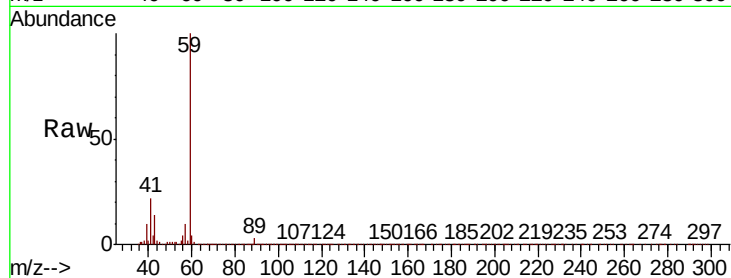
tert-Butyl Alcohol
Concen: 83.125 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

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

Manual Integrations
APPROVED

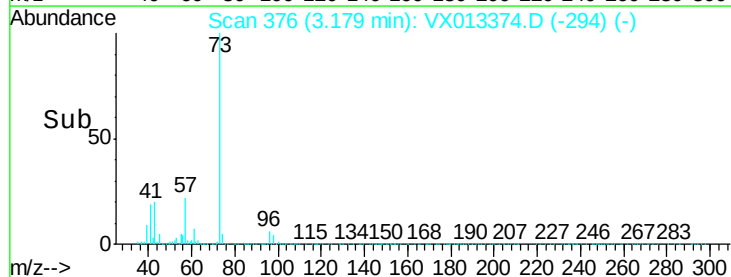
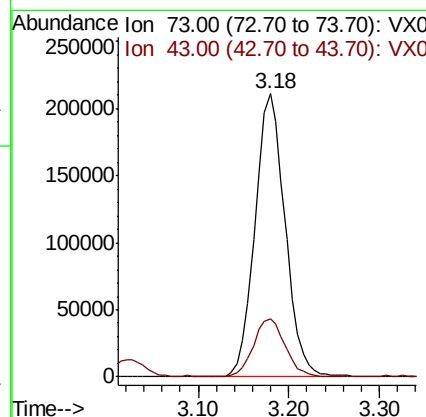
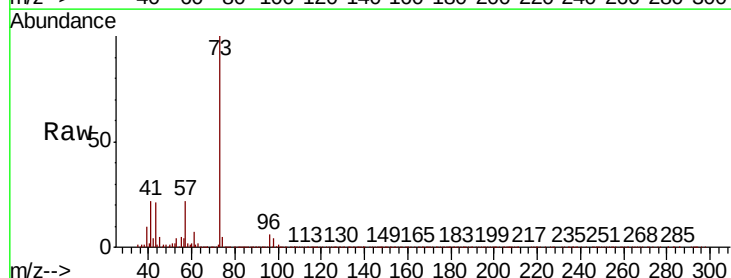
MMDadoda
11/13/2019 9:39:51 AM

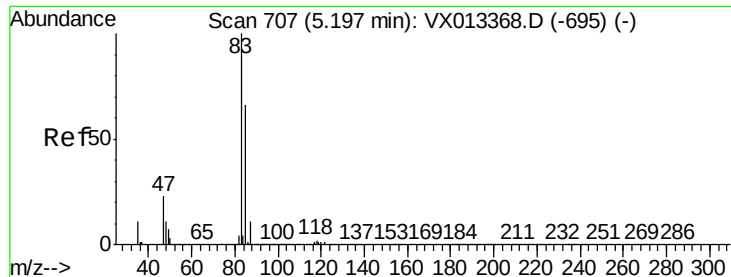


#24

Methyl tert-Butyl Ether
Concen: 18.068 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.0	25.6





#25

Chloroform

Concen: 17.966 ug/l

RT: 5.19 min Scan# 706

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 83 Resp: 274418

Ion Ratio Lower Upper

83 100

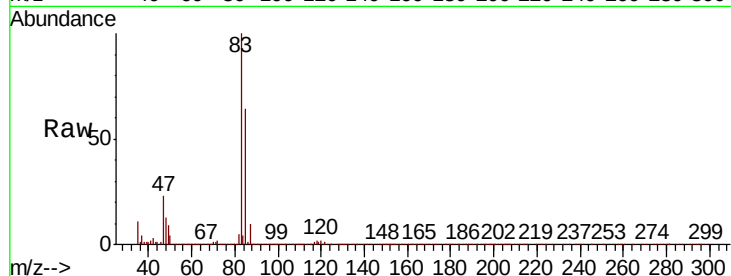
85 64.1 52.4 78.6

Manual Integrations

APPROVED

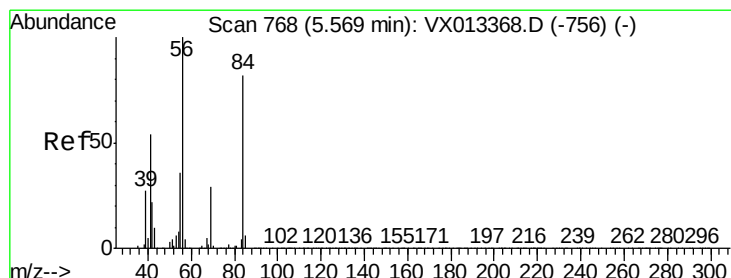
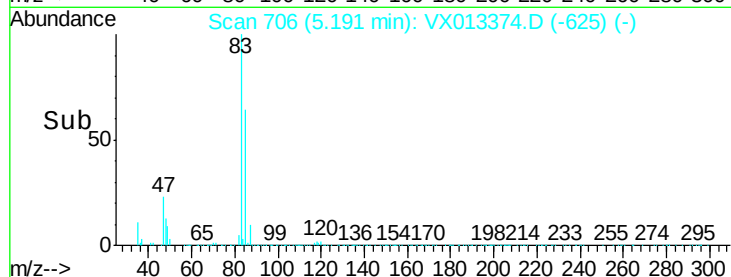
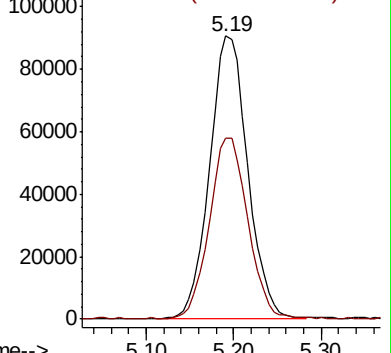
MMDadoda

11/13/2019 9:39:51 AM



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0



#26

Cyclohexane

Concen: 17.047 ug/l

RT: 5.56 min Scan# 767

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

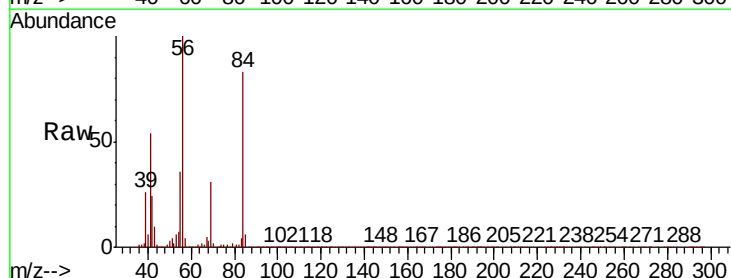
Tgt Ion: 56 Resp: 241575

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

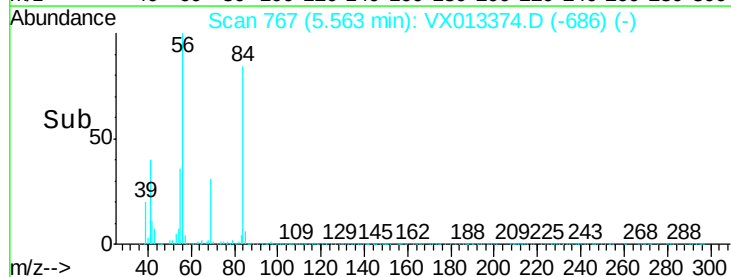
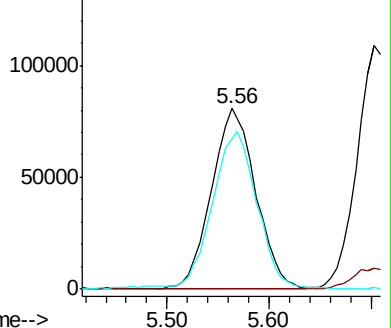
84 86.4 70.5 105.7

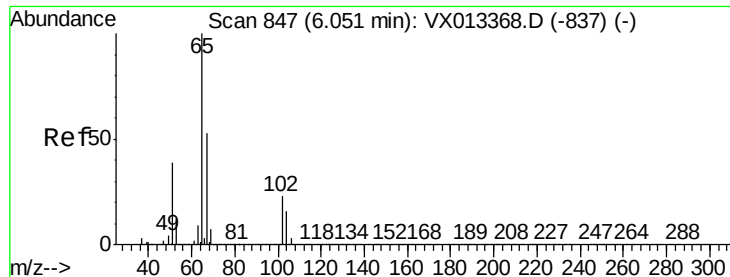


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0





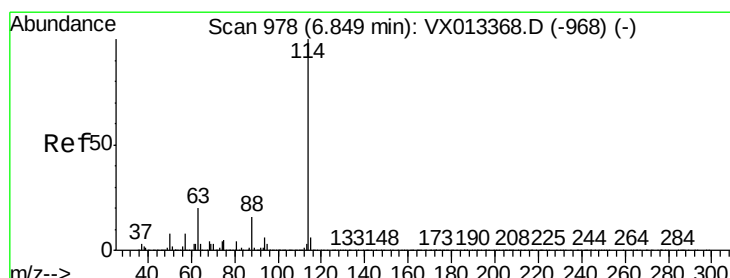
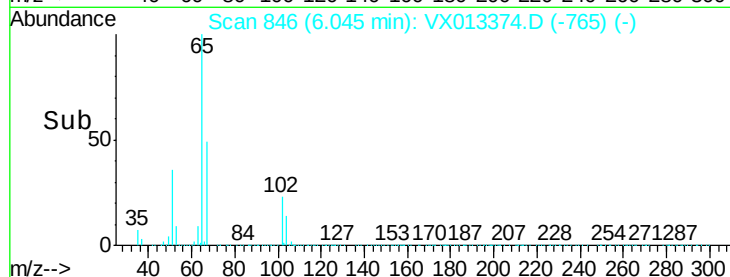
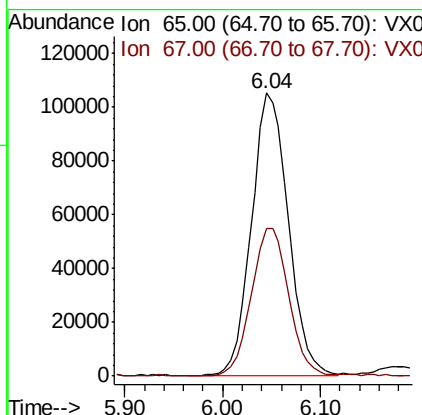
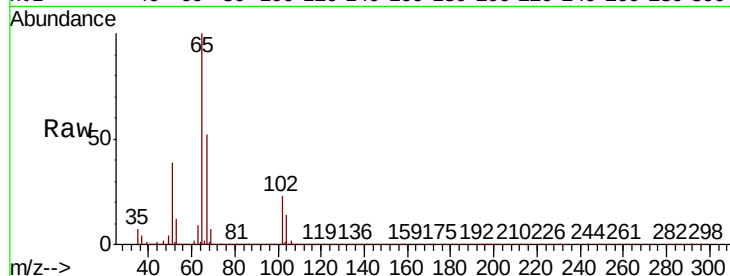
#27
 1,2-Dichloroethane-d4
 Concen: 28.522 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.6	41.0	61.6

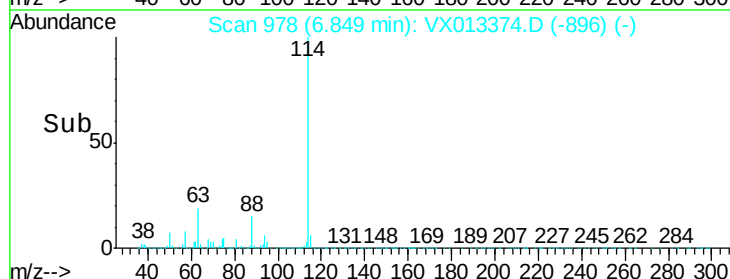
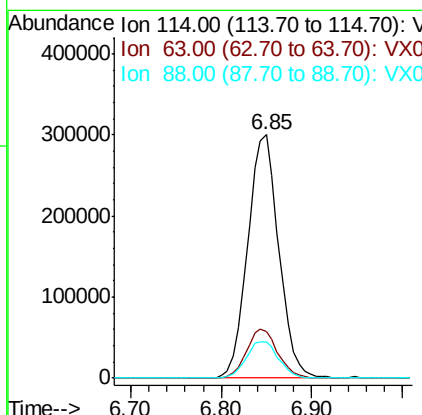
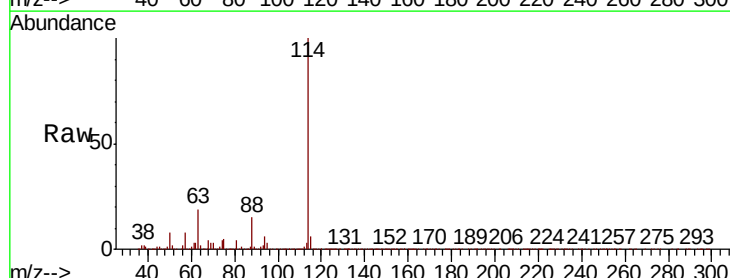
Manual Integrations
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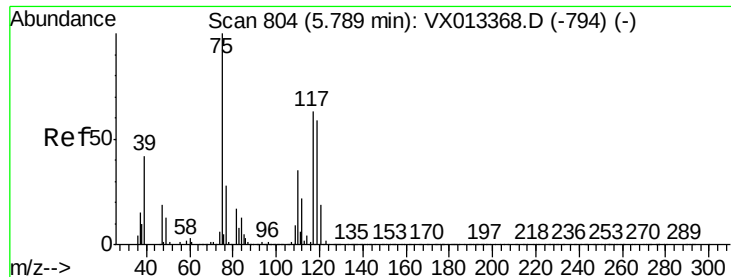
MMDadoda
 11/13/2019 9:39:51 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	16.1	24.1
88	15.6	12.3	18.5





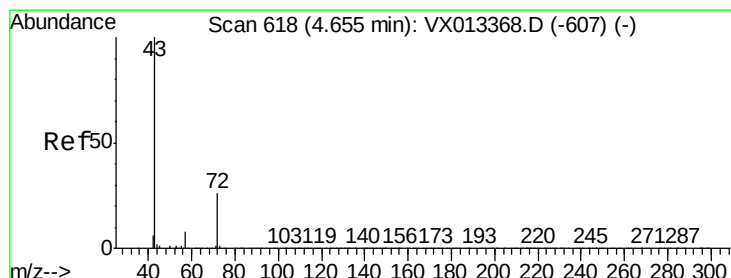
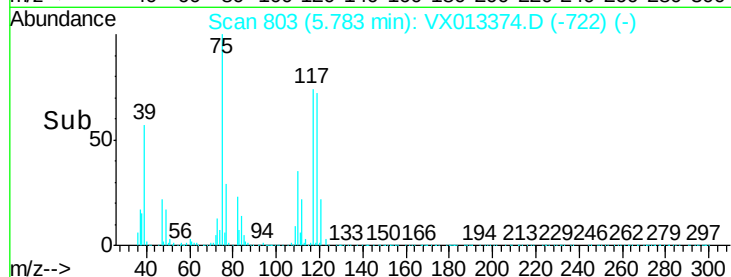
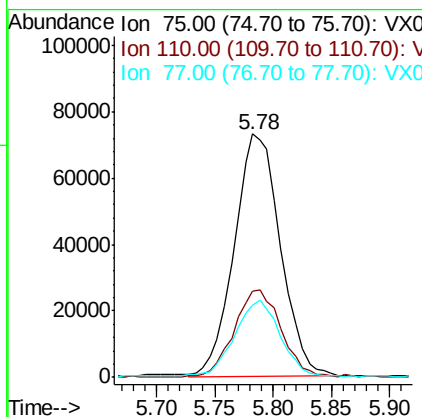
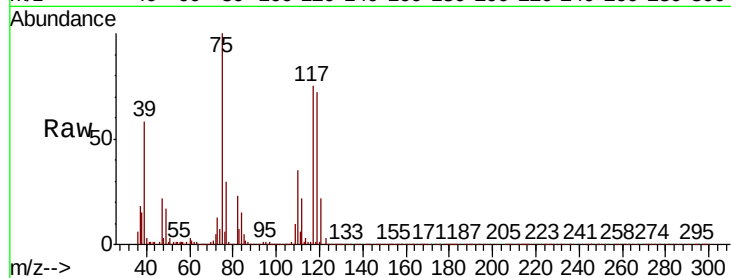
#29
 1,1-Dichloropropene
 Concen: 18.481 ug/l
 RT: 5.78 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
75	100		
110	36.8	0.0	74.6
77	30.9	0.0	62.6

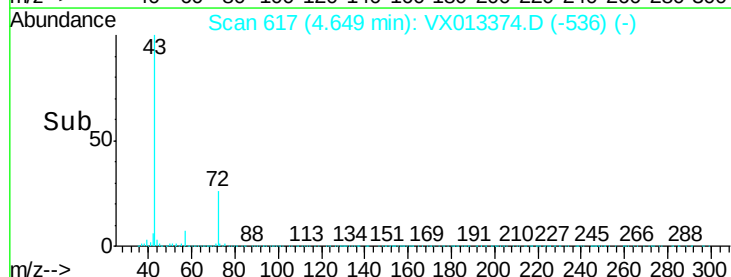
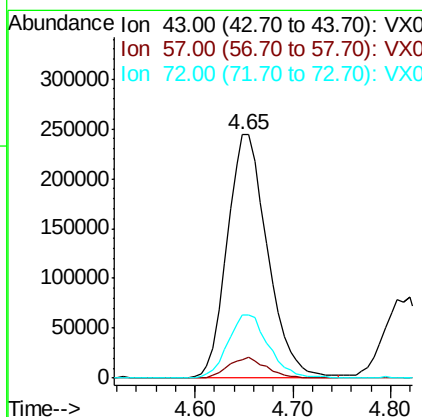
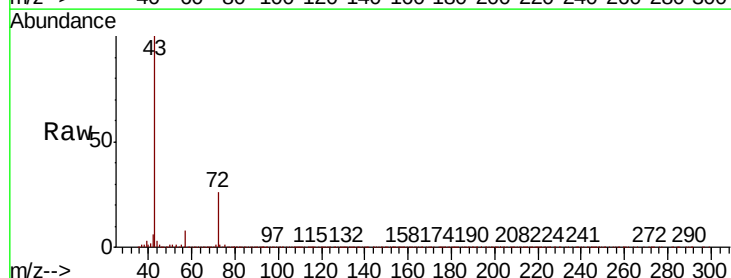
Manual Integrations
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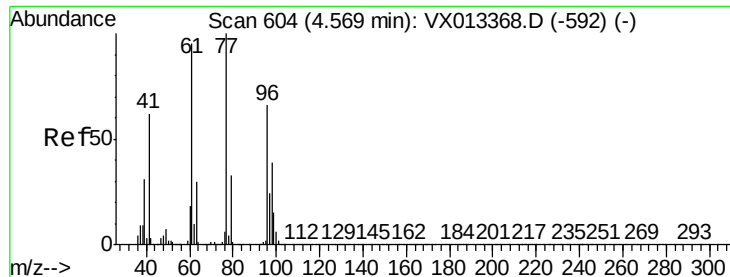
MMDadoda
 11/13/2019 9:39:51 AM



#30
 2-Butanone
 Concen: 96.897 ug/l
 RT: 4.65 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
57	7.9	6.1	9.1
72	26.1	20.5	30.7





#31

2,2-Dichloropropane

Concen: 19.241 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

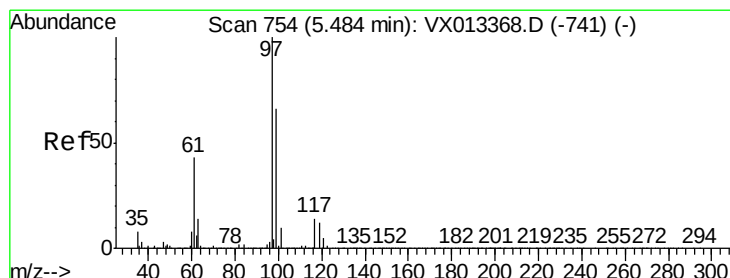
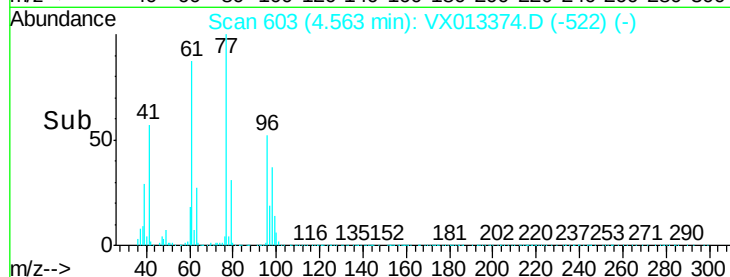
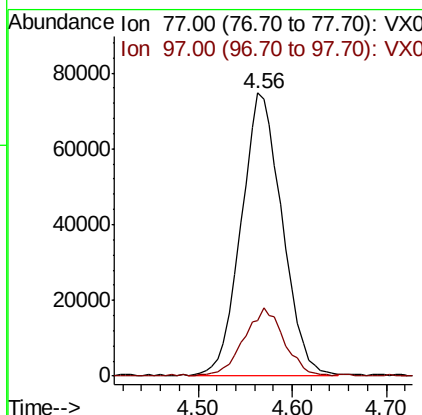
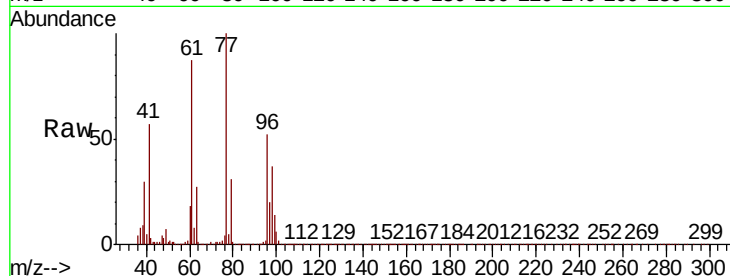
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion: 77 Resp: 226179

Ion	Ratio	Lower	Upper
77	100		
97	23.3	19.2	28.8

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 18.586 ug/l

RT: 5.48 min Scan# 754

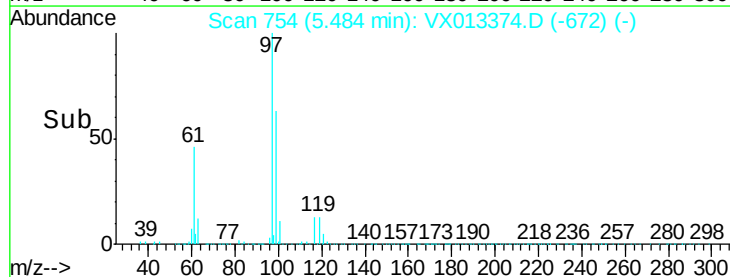
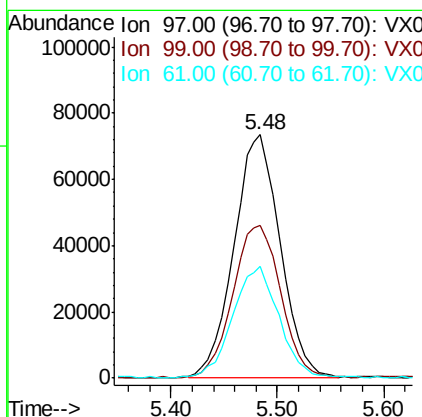
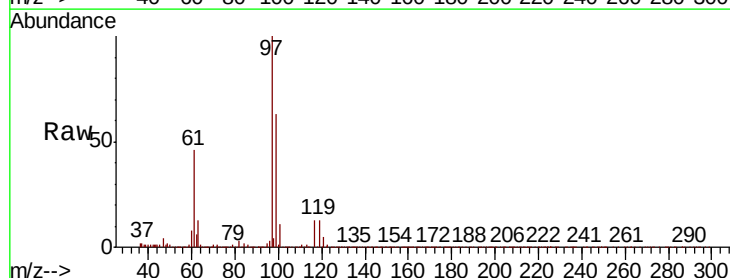
Delta R.T. 0.00 min

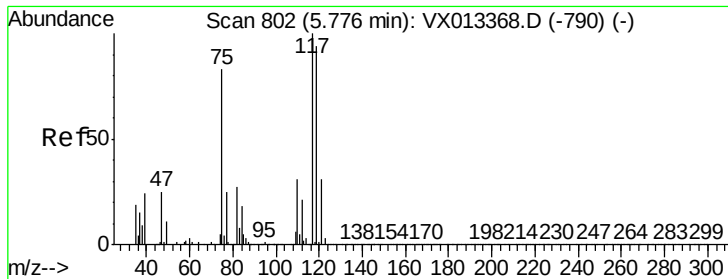
Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion: 97 Resp: 224229

Ion	Ratio	Lower	Upper
97	100		
99	64.6	52.5	78.7
61	44.9	36.1	54.1





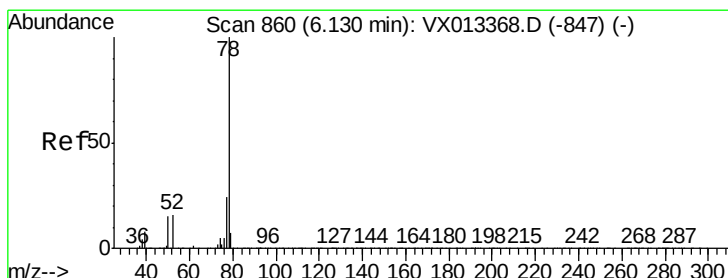
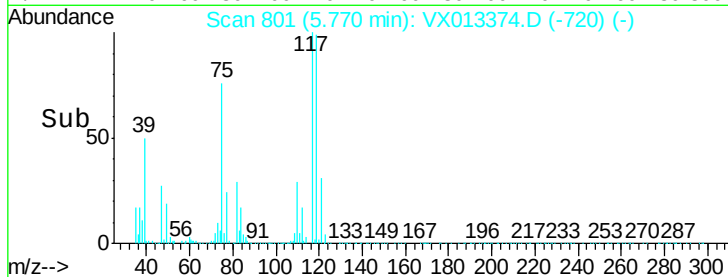
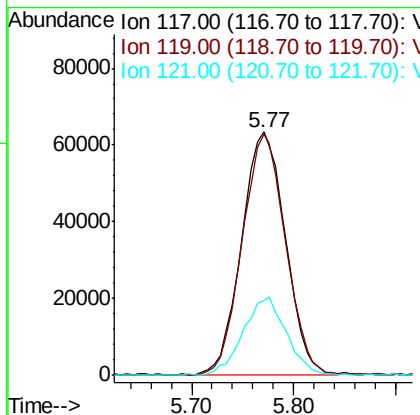
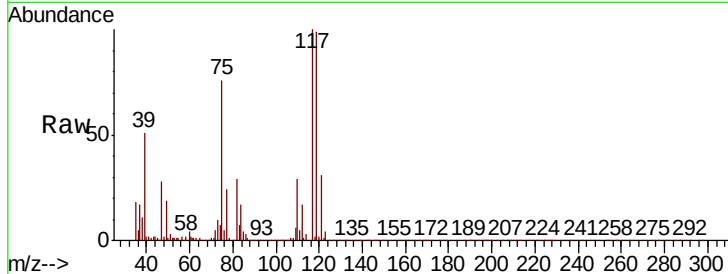
#33
Carbon Tetrachloride
Concen: 18.054 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	99.3	75.0	112.6
121	30.6	24.9	37.3

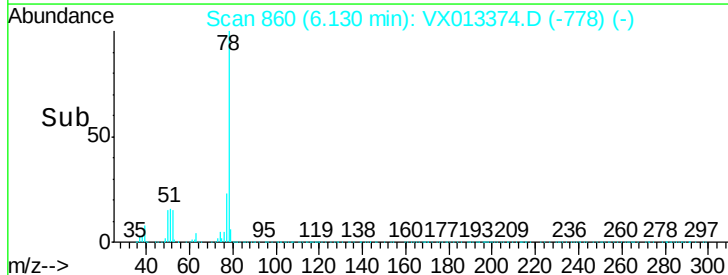
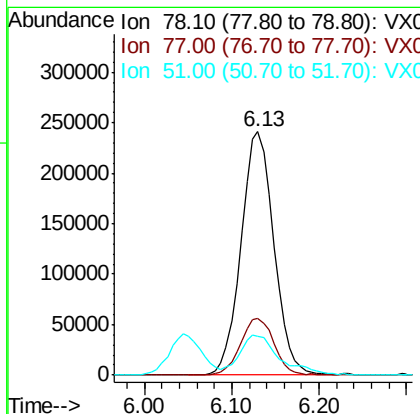
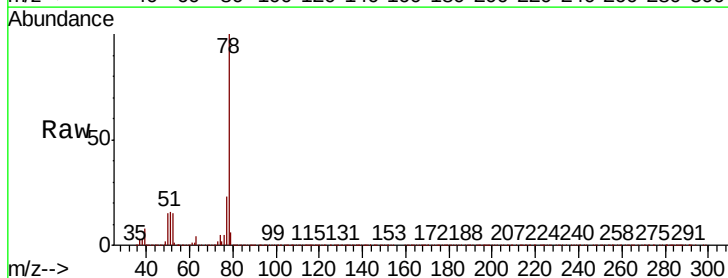
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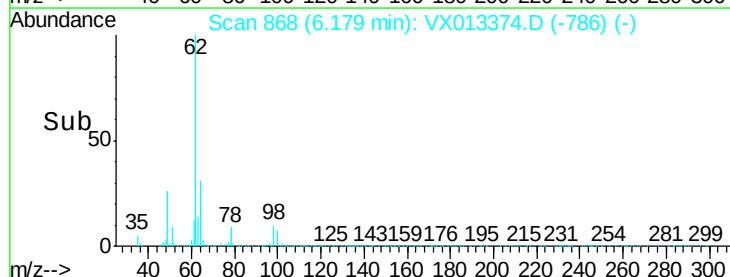
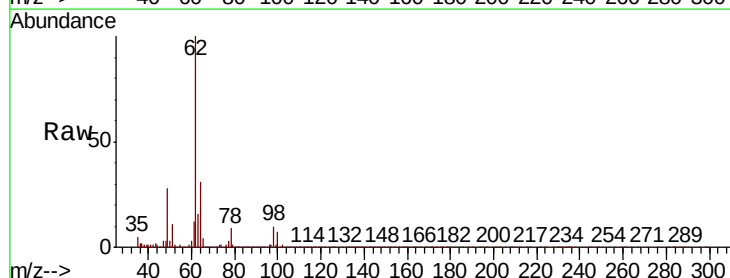
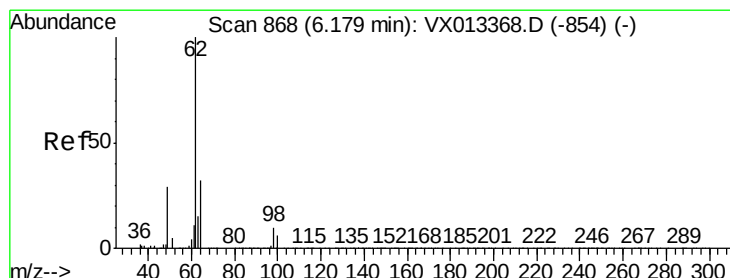
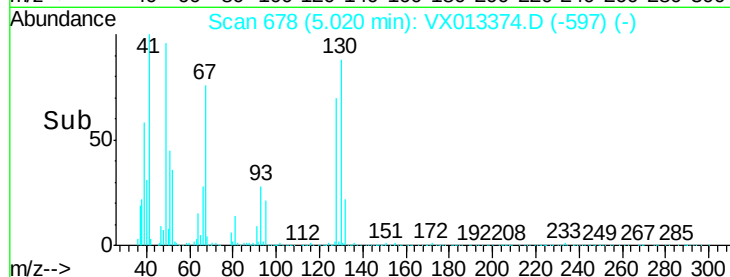
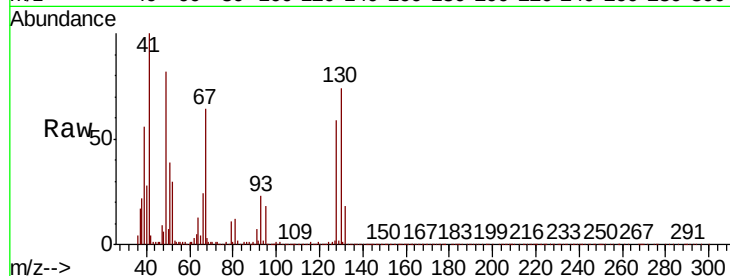
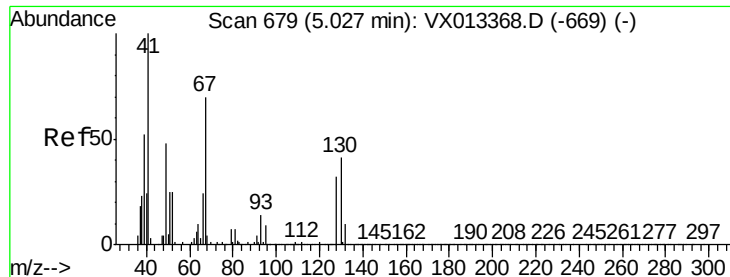
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#34
Benzene
Concen: 19.178 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

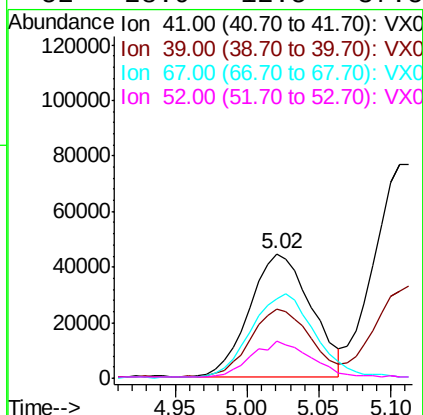
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.3	28.9
51	15.7	12.2	18.4





#35
Methacrylonitrile
Concen: 18.461 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	25.9	77.8	
67	64.1	35.1	105.5	
52	28.9	12.5	37.5	



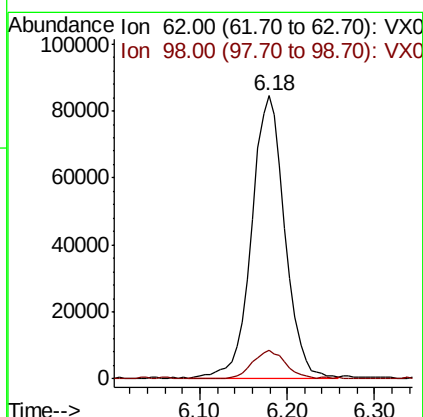
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

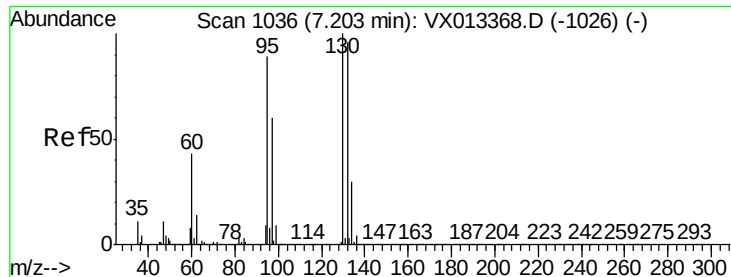
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#36
1,2-Dichloroethane
Concen: 19.292 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.6	8.2	12.2	





#37

Trichloroethene

Concen: 18.910 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion:130 Resp: 166790

Ion Ratio Lower Upper

130 100

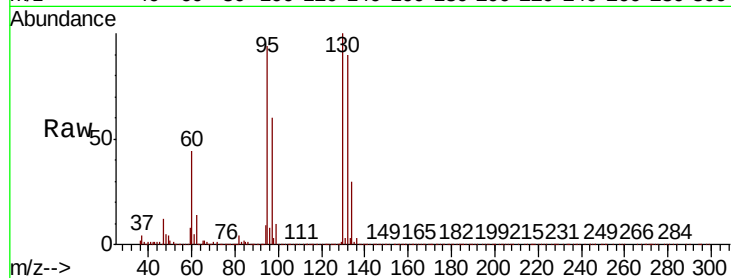
95 94.4 71.3 106.9

Manual Integrations

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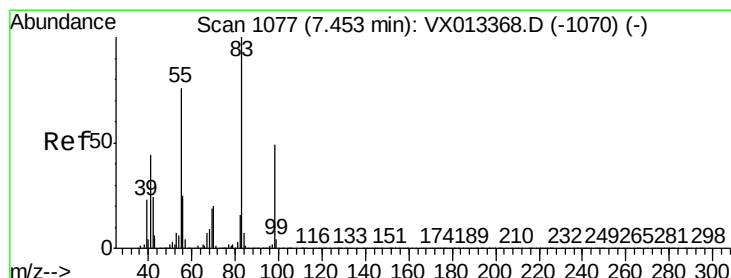
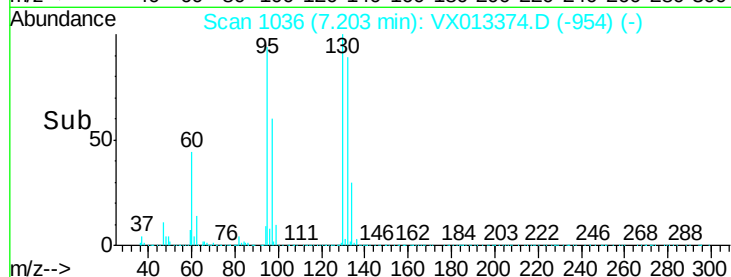
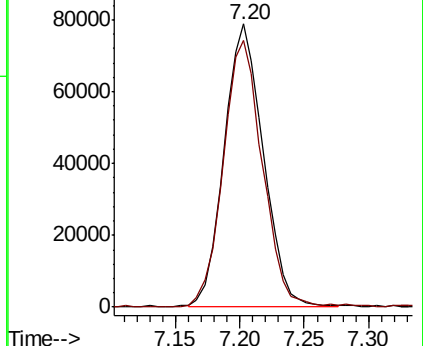
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 18.256 ug/l

RT: 7.45 min Scan# 1077

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

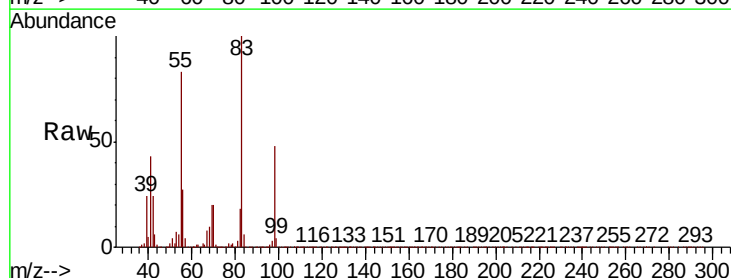
Tgt Ion: 83 Resp: 242971

Ion Ratio Lower Upper

83 100

55 78.7 37.9 113.7

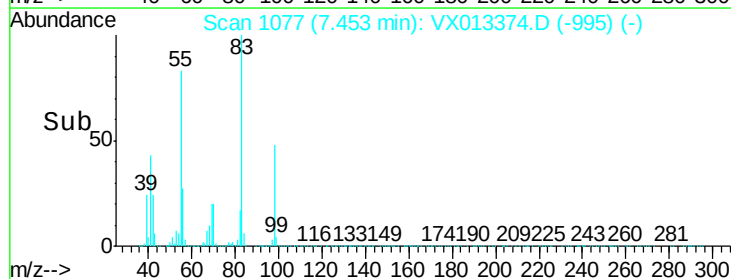
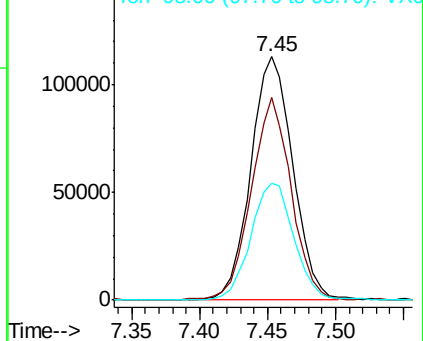
98 49.6 25.1 75.3

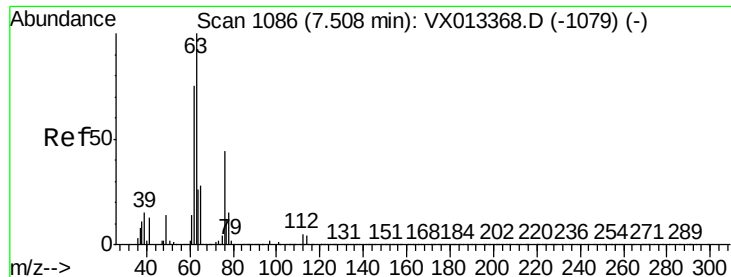


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#39

1,2-Dichloropropane

Concen: 18.805 ug/l

RT: 7.50 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 63 Resp: 160089

Ion Ratio Lower Upper

63 100

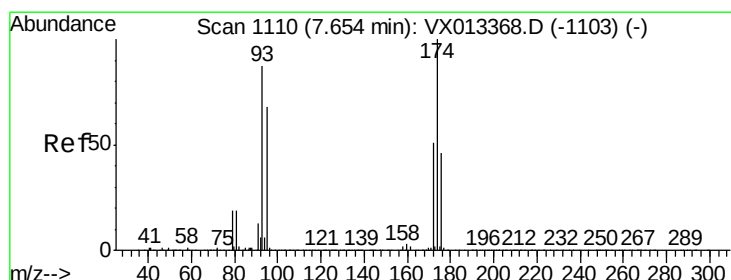
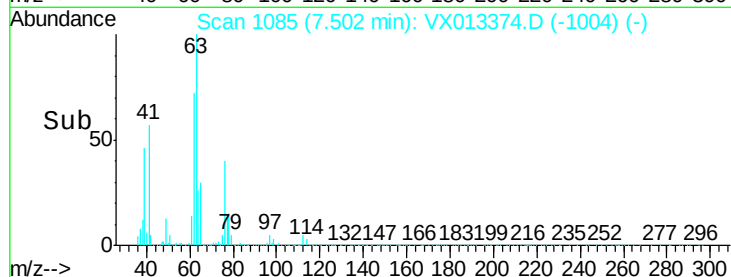
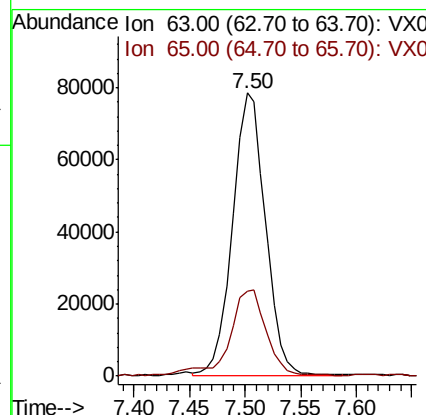
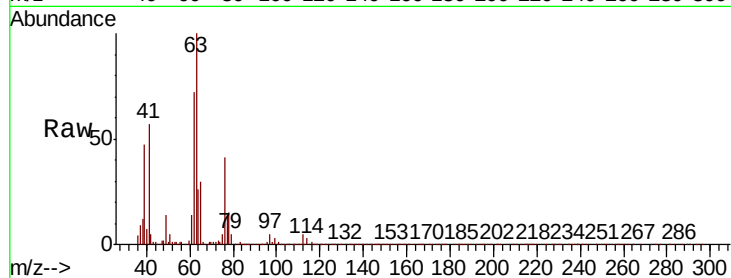
65 29.7 23.8 35.8

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#40

Dibromomethane

Concen: 18.423 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

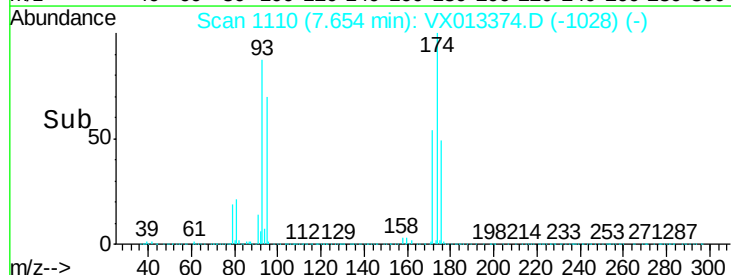
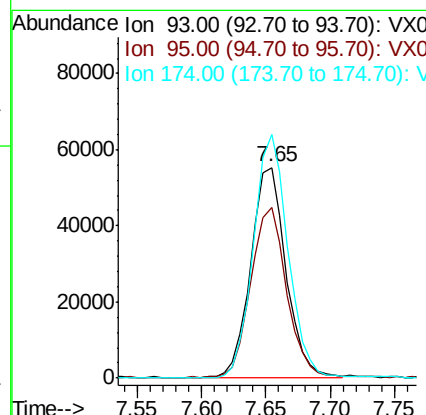
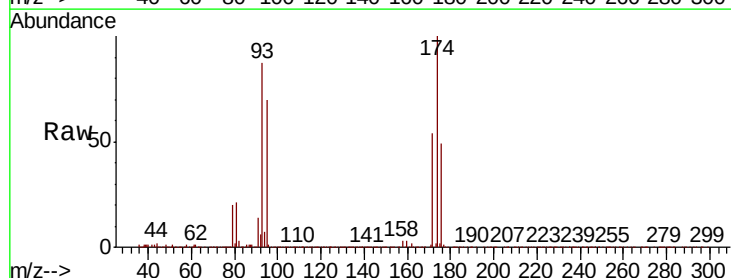
Tgt Ion: 93 Resp: 104371

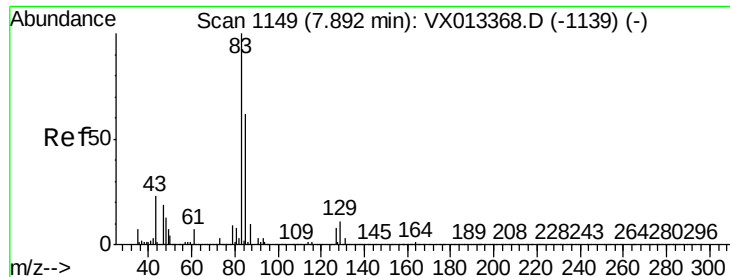
Ion Ratio Lower Upper

93 100

95 83.0 0.0 160.8

174 113.6 0.0 228.8





#41

Bromodichloromethane

Concen: 18.712 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

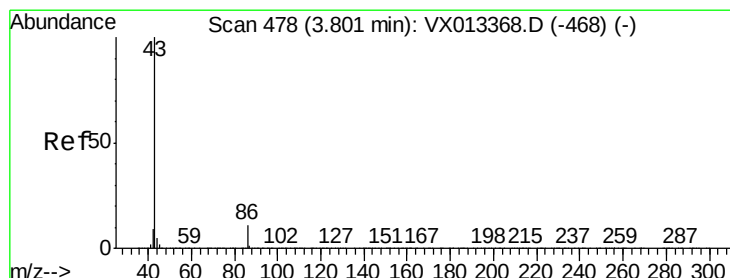
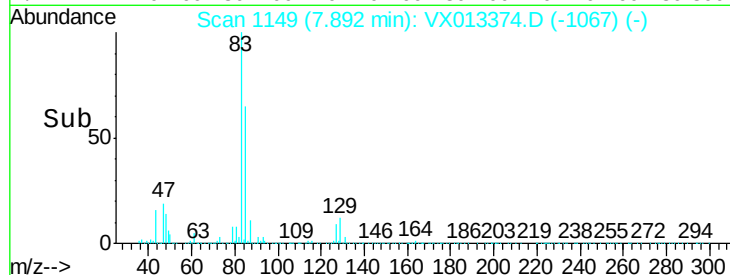
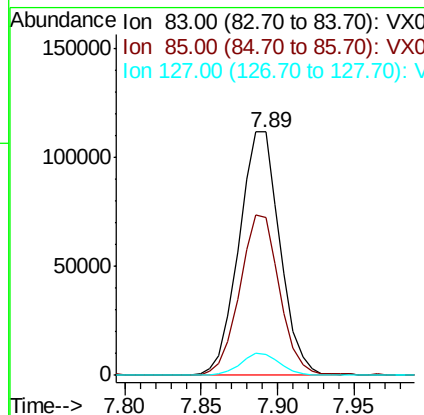
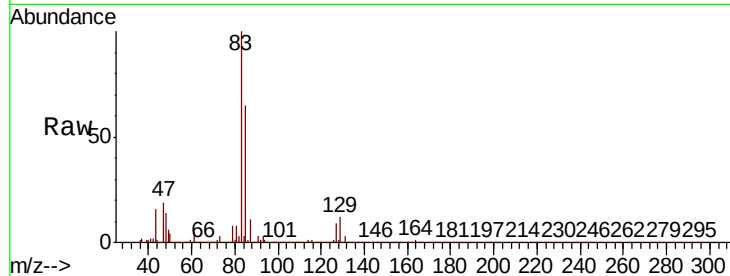
ClientSampleId :

VSTDCCC020

Tot Ion	83	Resp	206943
Ion Ratio	Lower	Upper	
83	100		
85	64.6	49.3	73.9
127	8.5	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 95.118 ug/l

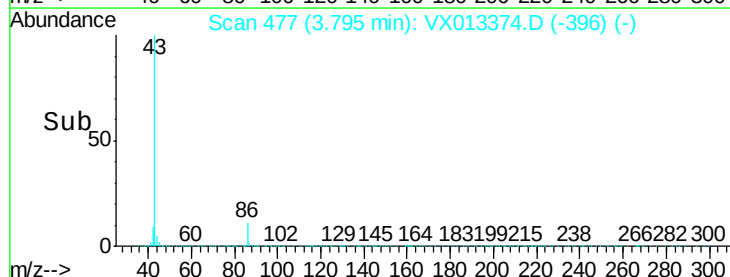
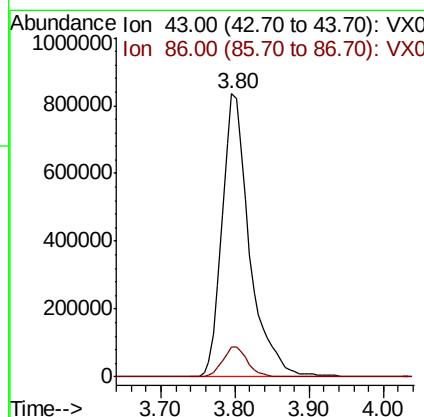
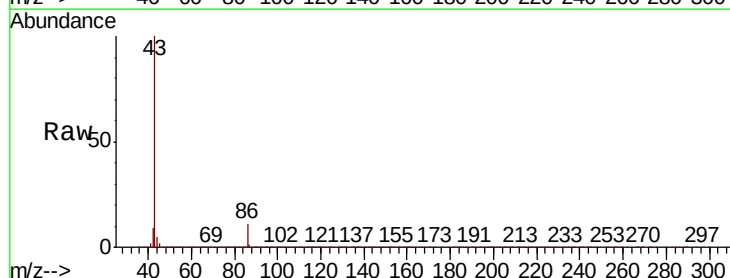
RT: 3.80 min Scan# 477

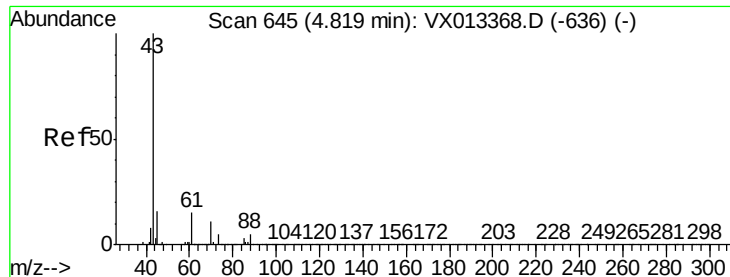
Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion	43	Resp	2145536
Ion Ratio	Lower	Upper	
43	100		
86	9.6	7.6	11.4





#43

Ethyl Acetate

Concen: 18.204 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 237875

Ion Ratio Lower Upper

43 100

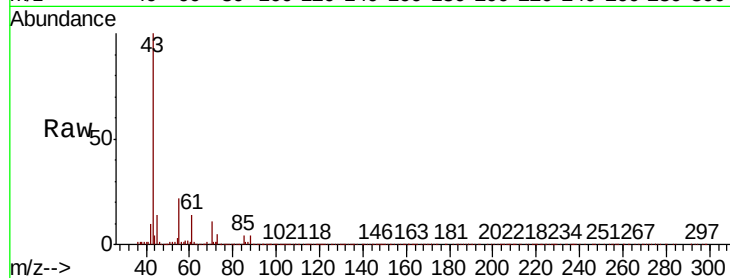
45 15.1 10.9 16.3

Manual Integrations

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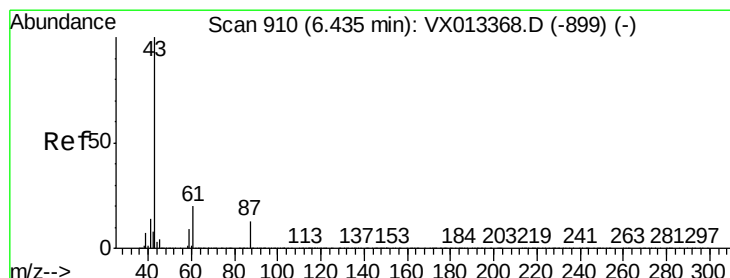
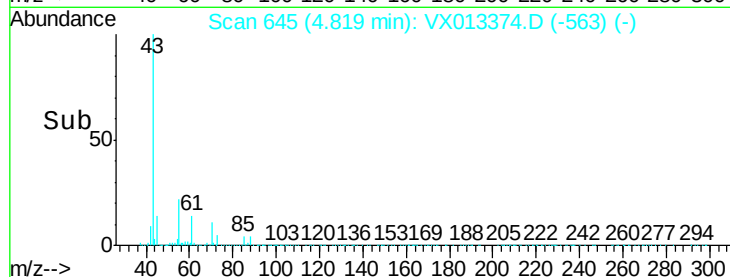
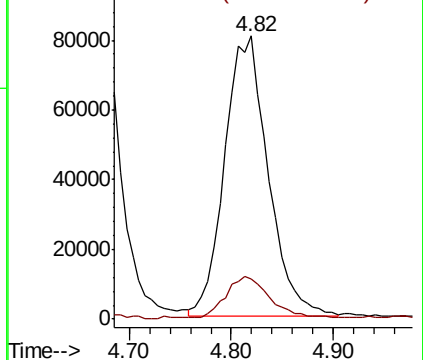
MMDadoda

11/13/2019 9:39:51 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 18.414 ug/l

RT: 6.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: VX013374.D

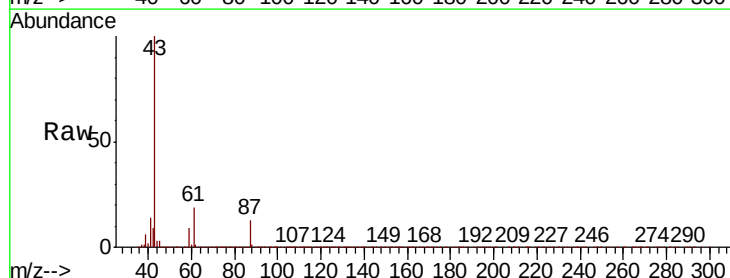
Acq: 12 Nov 2019 09:58

Tgt Ion: 43 Resp: 386777

Ion Ratio Lower Upper

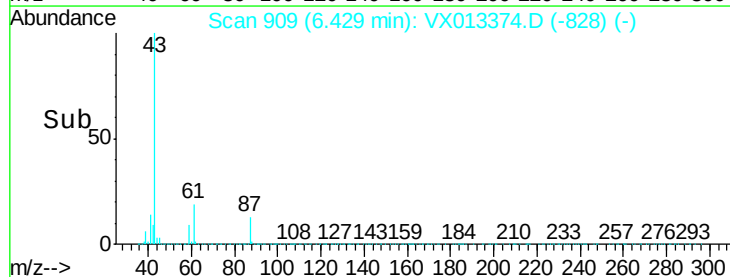
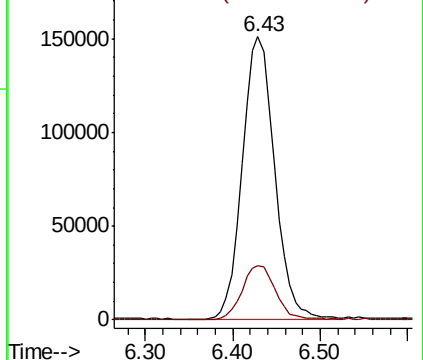
43 100

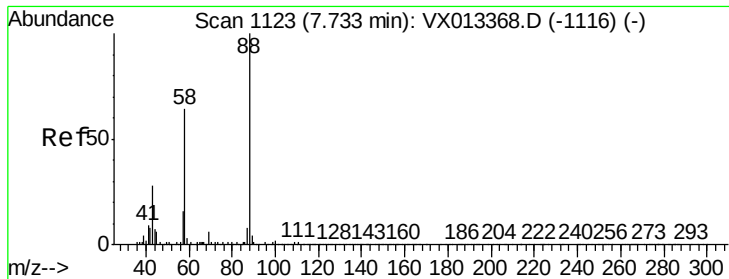
61 19.7 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#45

1,4-Dioxane

Concen: 374.339 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

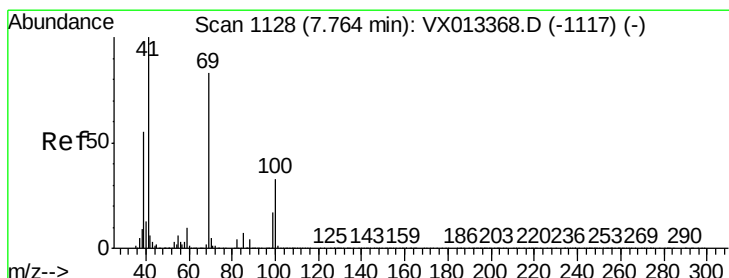
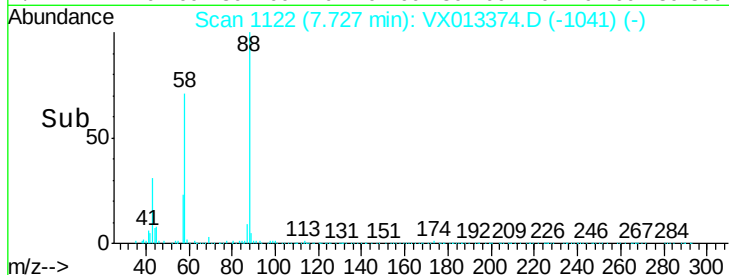
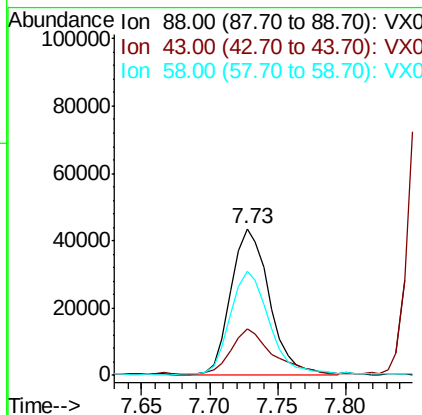
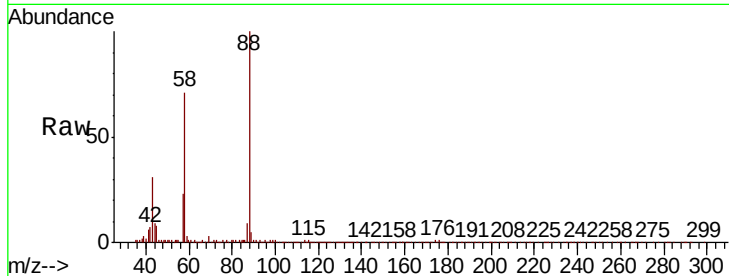
ClientSampleId :

VSTDCCC020

Tot Ion:	88	Resp:	86810
Ion	Ratio	Lower	Upper
88	100		
43	32.6	26.1	39.1
58	70.4	55.8	83.8

Manual Integrations
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11/13/2019 9:39:51 AM



#46

Methyl methacrylate

Concen: 18.523 ug/l

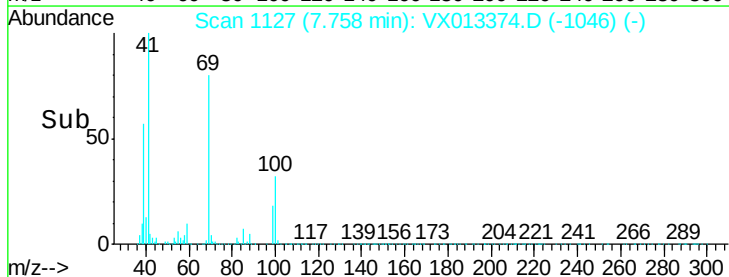
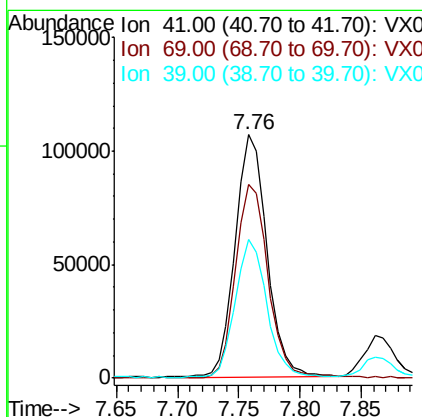
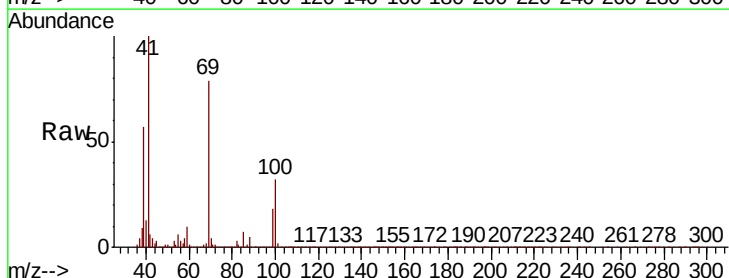
RT: 7.76 min Scan# 1127

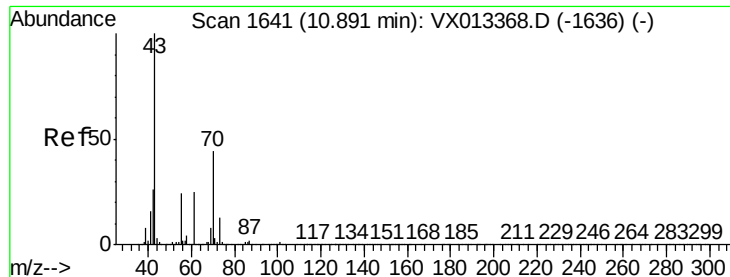
Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	41	Resp:	193532
Ion	Ratio	Lower	Upper
41	100		
69	79.4	41.4	124.4
39	56.7	27.9	83.6





#47

n-amvl Acetate

Concen: 18.525 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 43 Resp: 341307

Ion Ratio Lower Upper

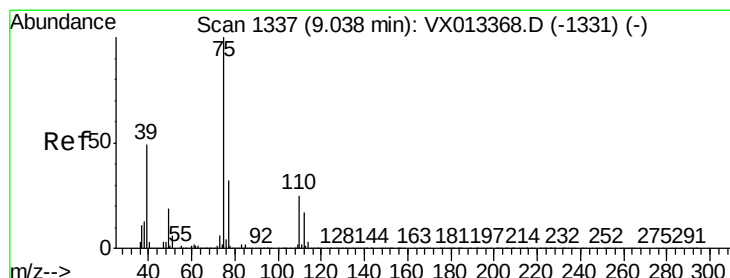
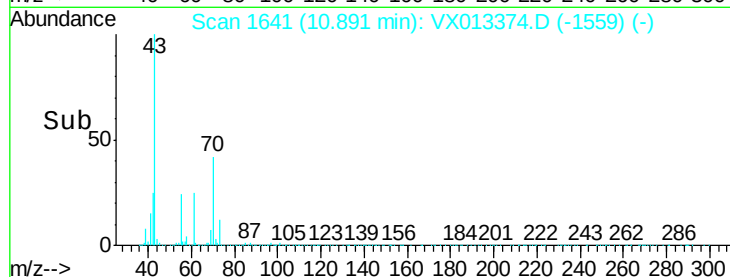
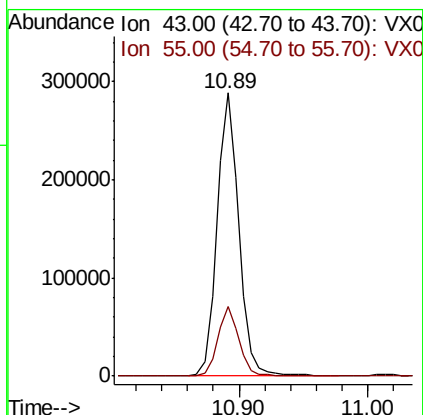
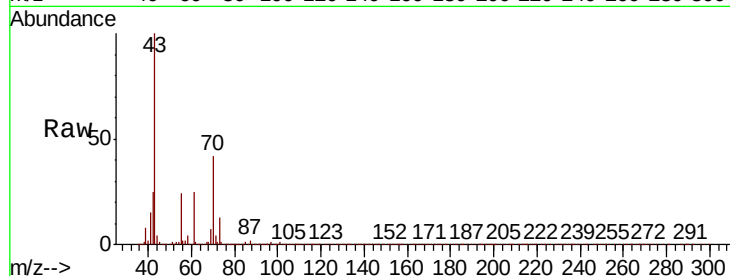
43 100

55 23.7 19.0 28.4

Manual Integrations
APPROVED

MMDadoda

11/13/2019 9:39:51 AM



#48

t-1,3-Dichloropropene

Concen: 18.687 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX013374.D

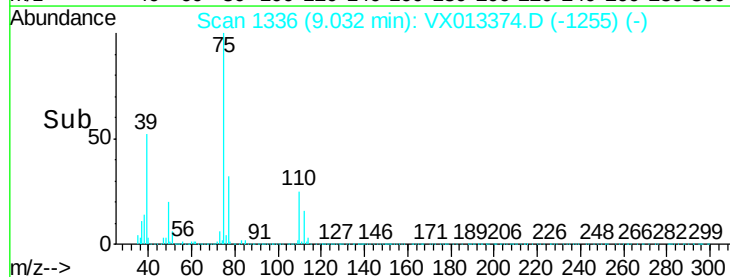
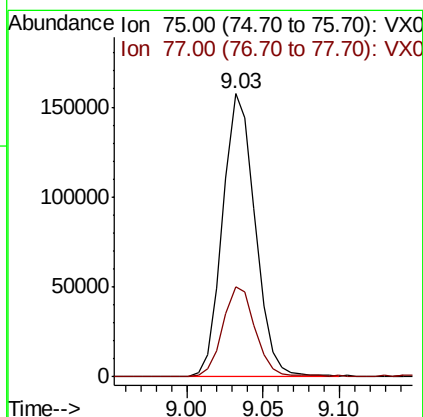
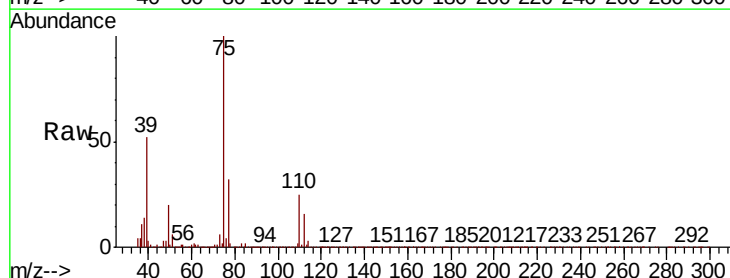
Acq: 12 Nov 2019 09:58

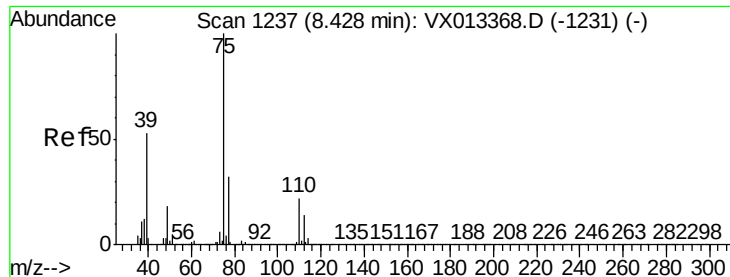
Tgt Ion: 75 Resp: 231741

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9





#49

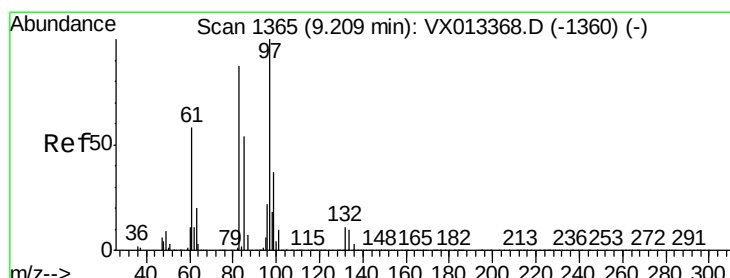
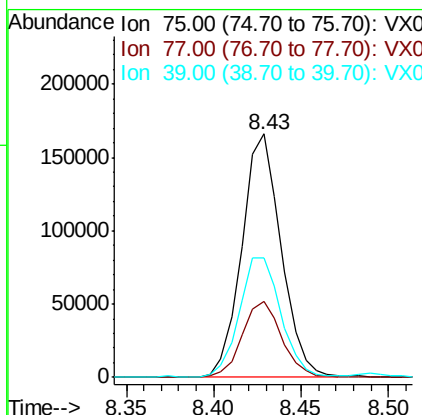
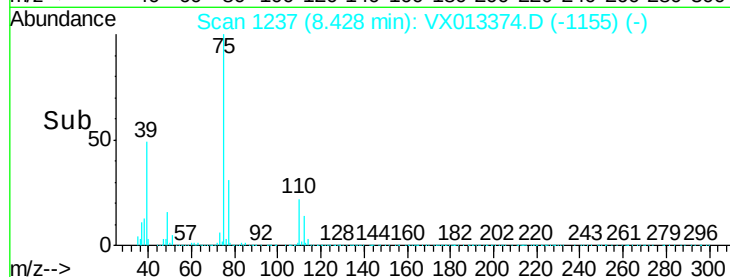
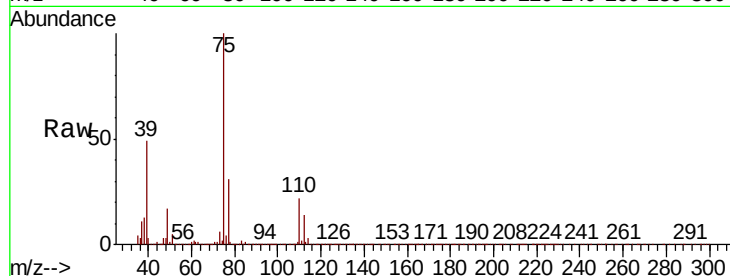
cis-1,3-Dichloropropene
Concen: 19.084 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion:	75	Resp:	259328
Ion Ratio	Lower	Upper	
75	100		
77	31.1	25.8	38.8
39	48.7	42.2	63.4

Manual Integrations
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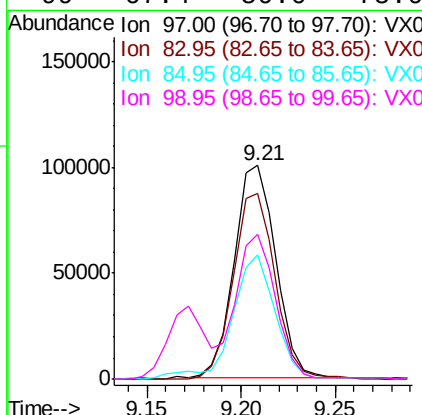
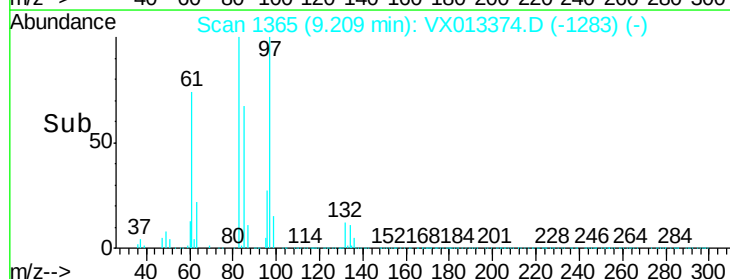
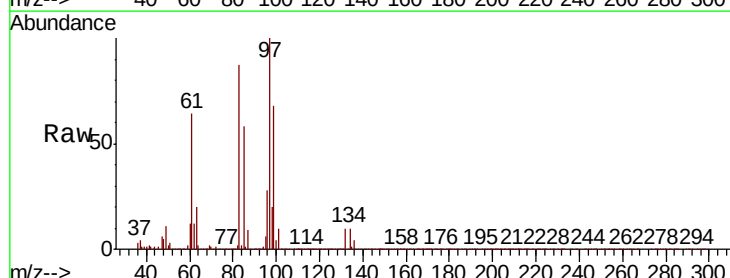
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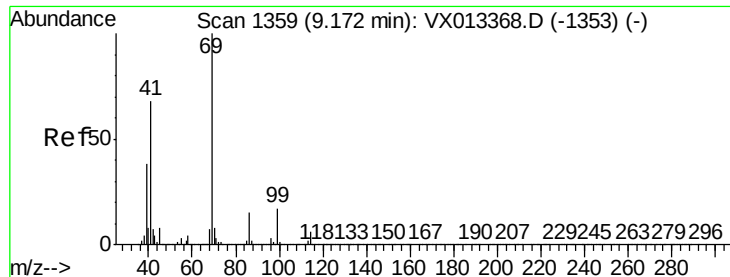


#50

1,1,2-Trichloroethane
Concen: 18.354 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion:	97	Resp:	153871
Ion Ratio	Lower	Upper	
97	100		
83	87.3	69.6	104.4
85	57.9	45.5	68.3
99	67.4	50.0	75.0





#51

Ethyl methacrylate

Concen: 18.480 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

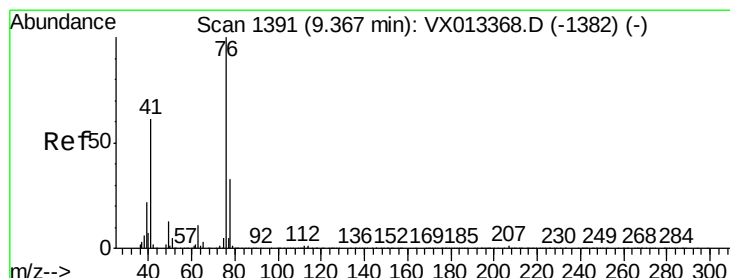
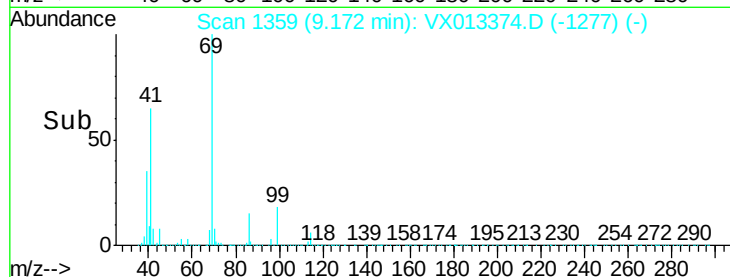
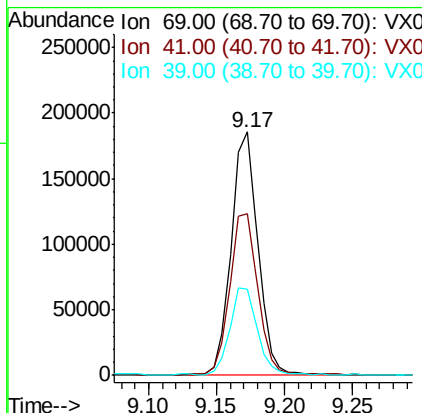
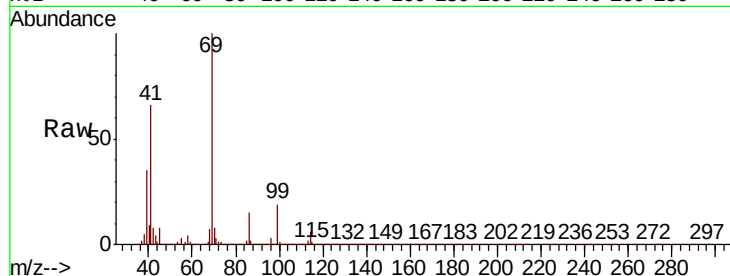
ClientSampleId :

VSTDCCC020

Tot Ion:	69	Resp:	255085
Ion Ratio	Lower	Upper	
69	100		
41	66.0	33.9	101.6
39	35.1	18.8	56.4

Manual Integrations
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11/13/2019 9:39:51 AM



#52

1,3-Dichloropropane

Concen: 18.927 ug/l

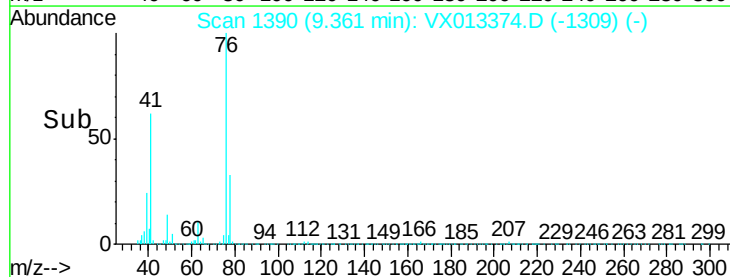
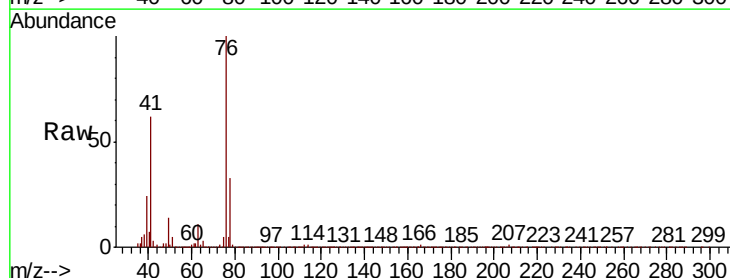
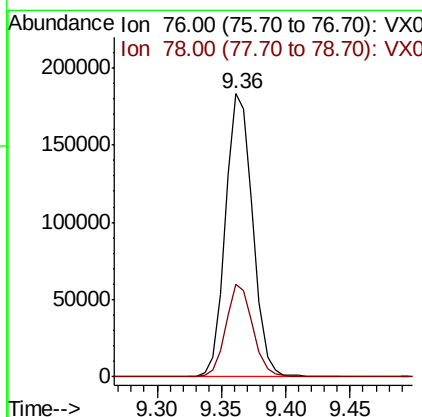
RT: 9.36 min Scan# 1390

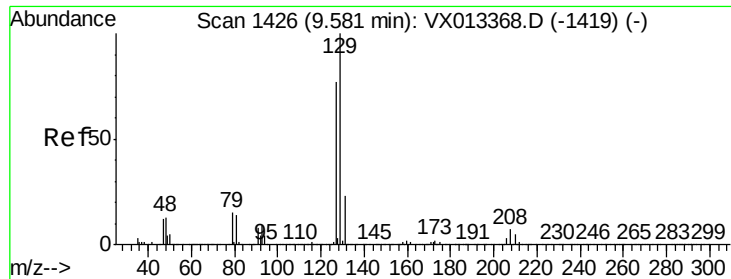
Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	76	Resp:	271258
Ion Ratio	Lower	Upper	
76	100		
78	32.1	0.0	63.6





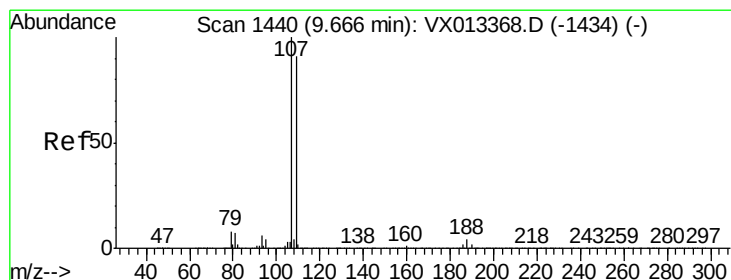
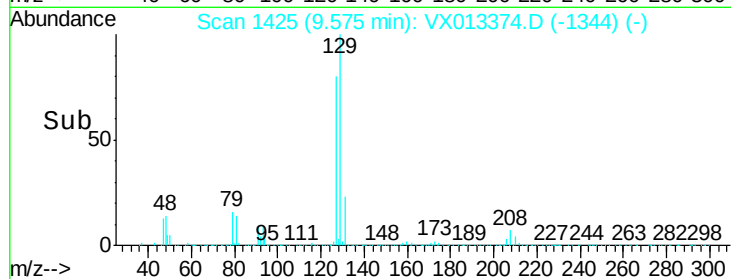
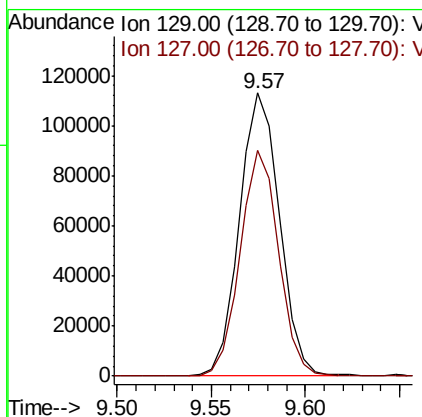
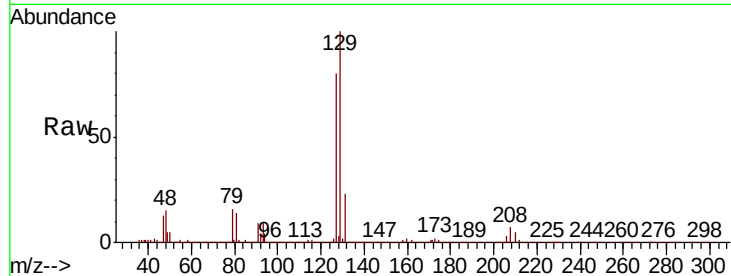
#53
Dibromochloromethane
Concen: 18.721 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
129	100		
127	76.9	39.6	119.0

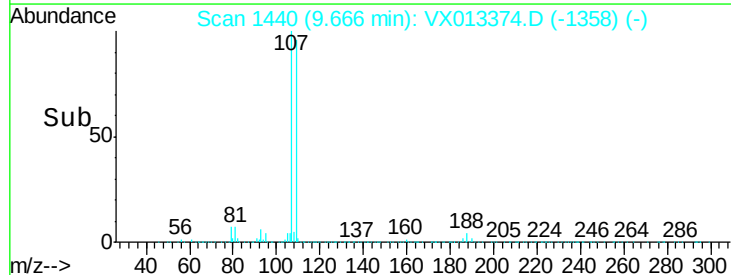
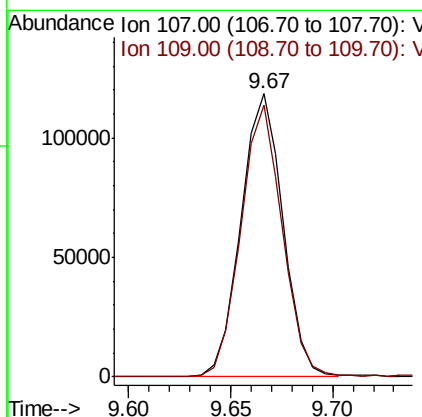
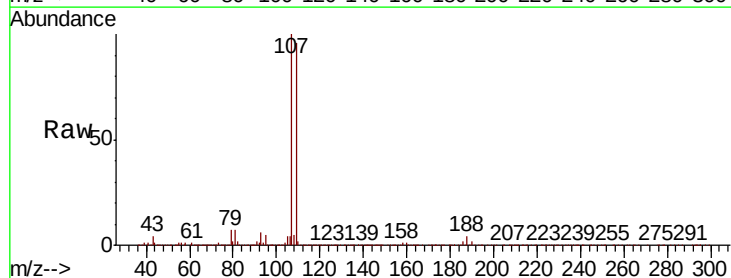
Manual Integrations
APPROVED

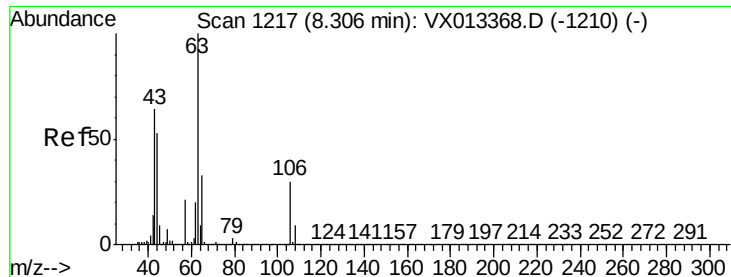
MMDadoda
11/13/2019 9:39:51 AM



#54
1,2-Dibromoethane
Concen: 18.844 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.6	73.9	110.9





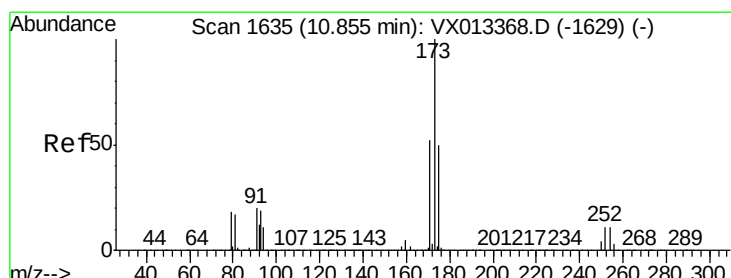
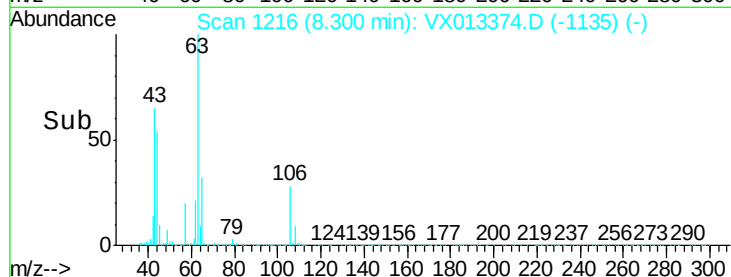
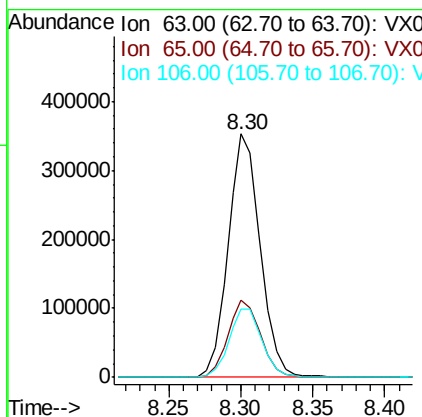
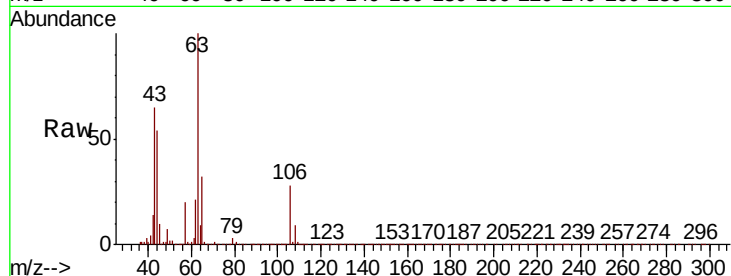
#55
2-Chloroethyl vinyl ether
Concen: 92.771 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.0	26.0	39.0
106	29.2	23.5	35.3

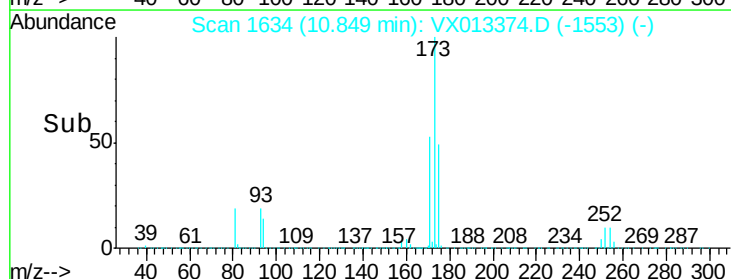
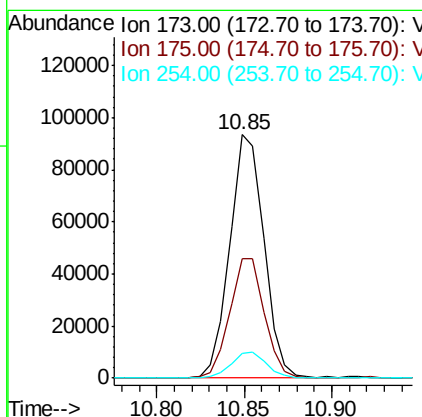
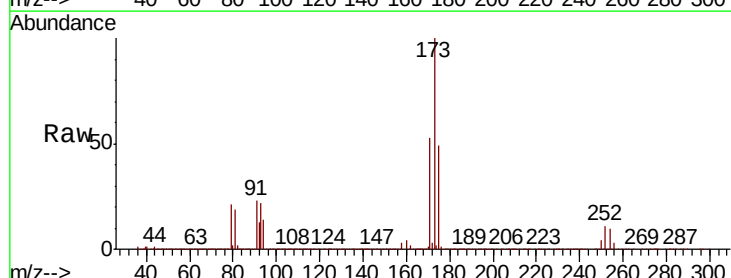
Manual Integrations
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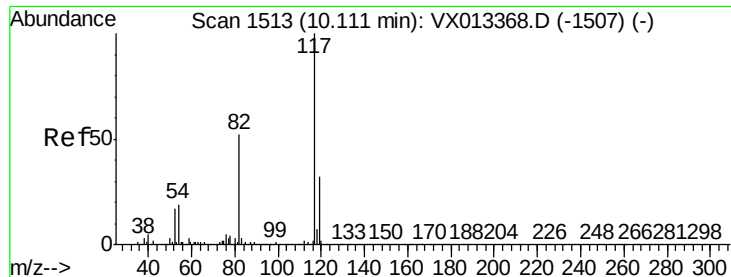
MMDadoda
11/13/2019 9:39:51 AM



#56
Bromoform
Concen: 18.039 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.9	39.4	59.0
254	11.1	8.6	12.8





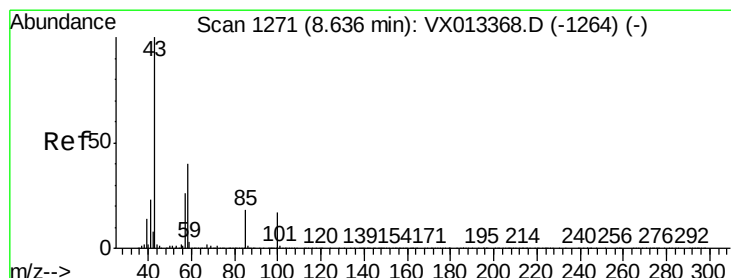
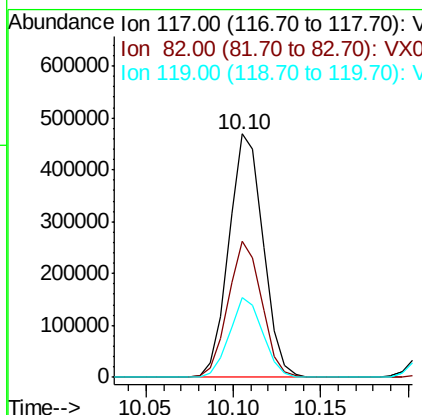
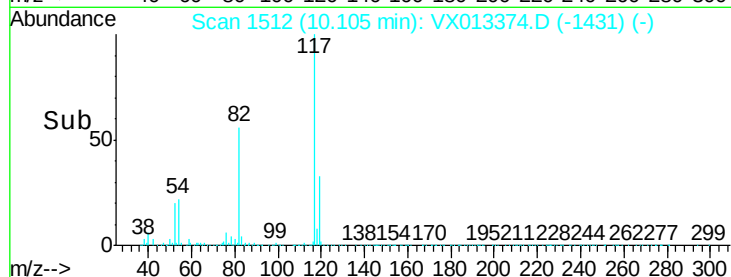
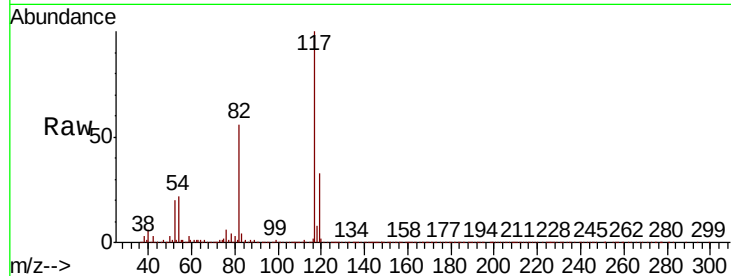
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.7	65.5
119	32.0	25.5	38.3

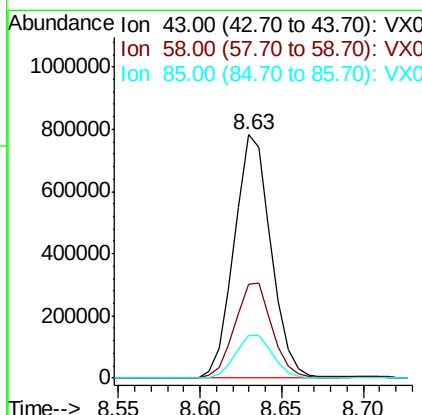
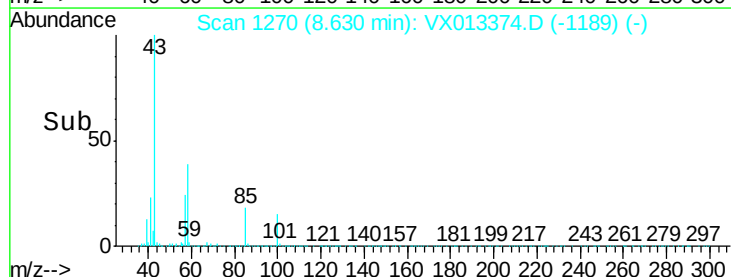
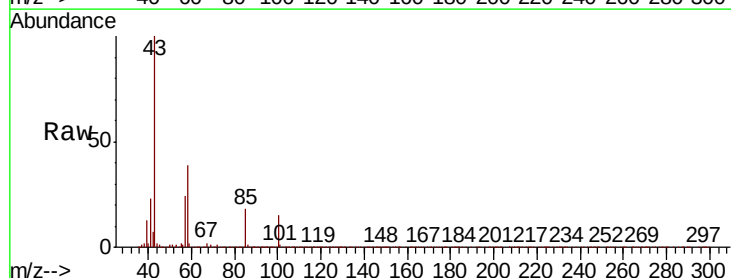
Manual Integrations
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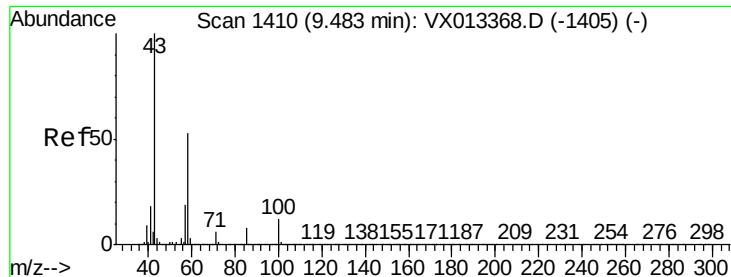
MMDadoda
11/13/2019 9:39:51 AM



#58
4-Methyl-2-Pentanone
Concen: 92.338 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	18.3	14.2	21.2





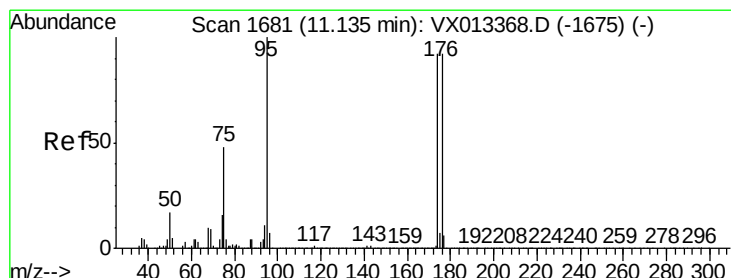
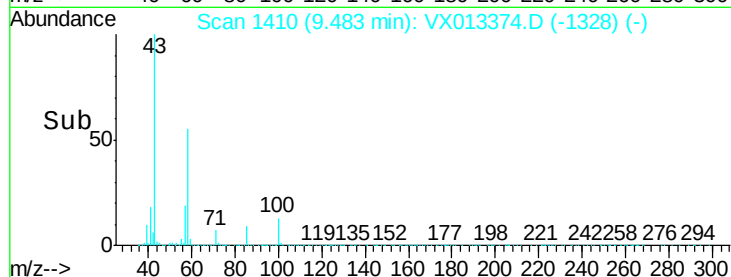
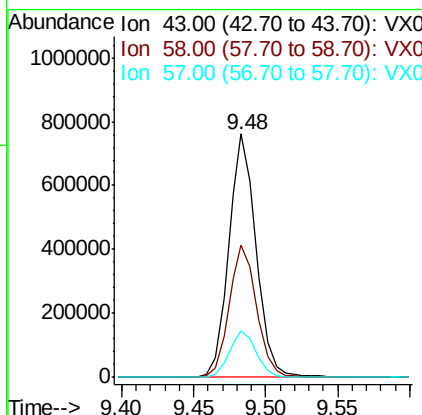
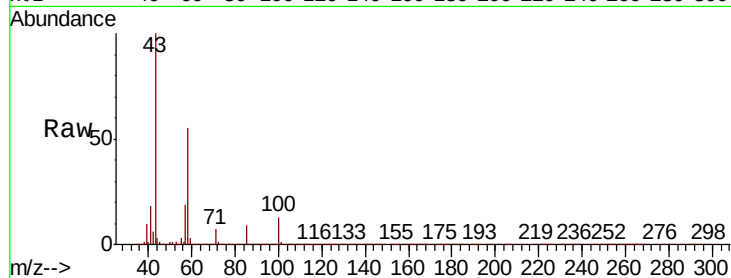
#59
2-Hexanone
Concen: 95.739 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	43	Resp	1008165
Ion	Ratio	Lower	Upper
43	100		
58	55.1	43.8	65.6
57	18.6	15.1	22.7

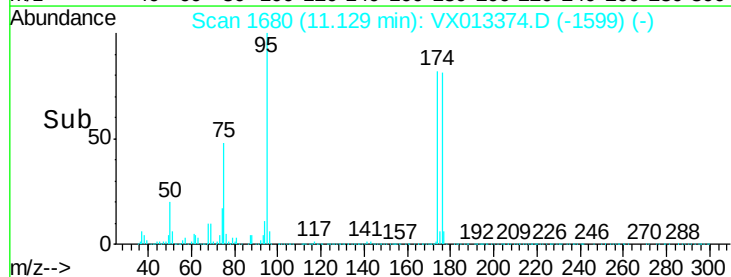
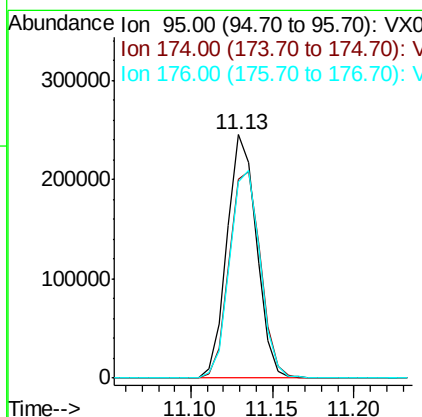
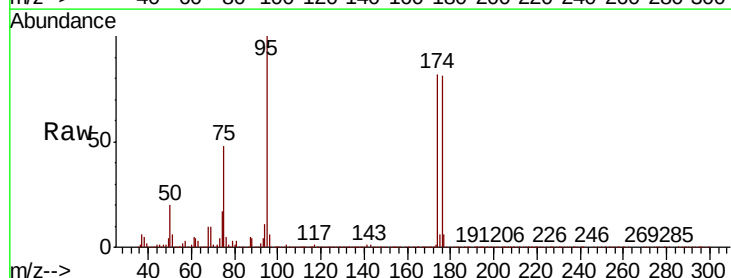
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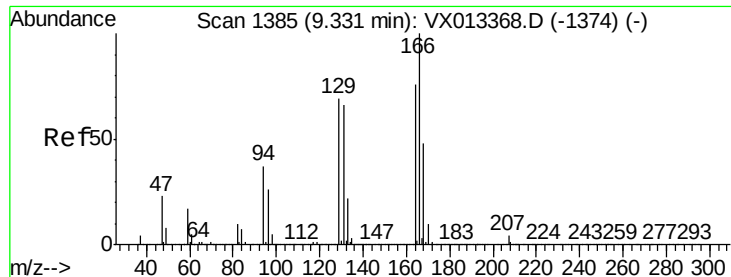
MMDadoda
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#60
4-Bromofluorobenzene
Concen: 30.247 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	95	Resp	309715
Ion	Ratio	Lower	Upper
95	100		
174	89.6	70.2	105.2
176	87.6	68.3	102.5





#61

Tetrachloroethene

Concen: 19.183 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

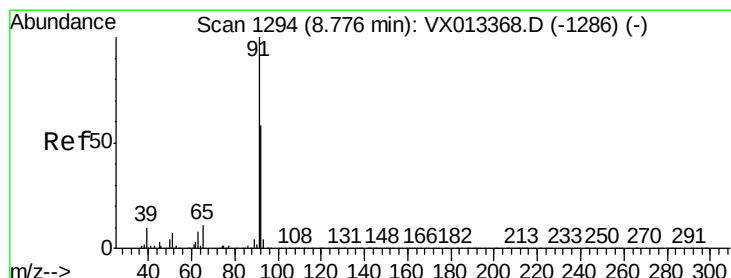
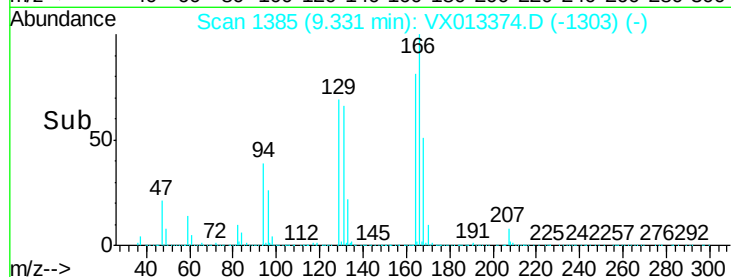
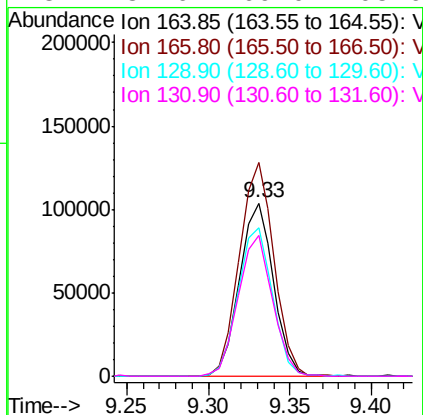
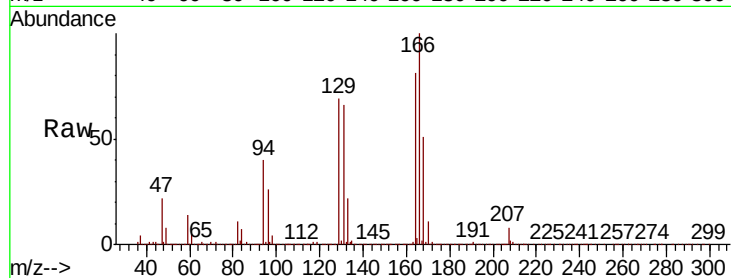
ClientSampleId :

VSTDCCC020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
164	100				
166	123.6	104.9	157.3		
129	85.7	72.3	108.5		
131	81.6	69.0	103.6		

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#62

Toluene

Concen: 19.033 ug/l

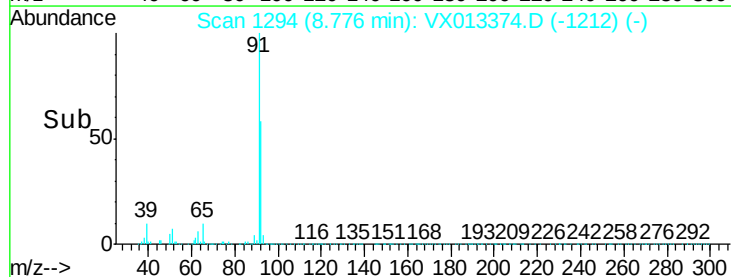
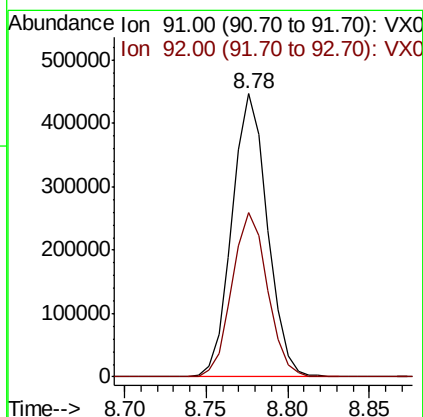
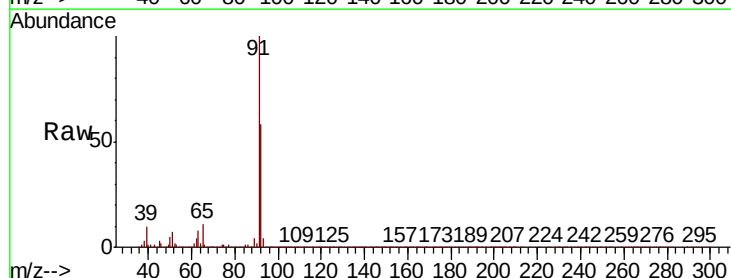
RT: 8.78 min Scan# 1294

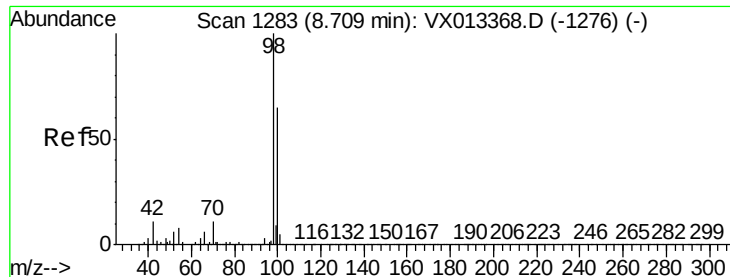
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100				
92	58.2	46.6	69.8		





#63

Toluene-d8

Concen: 30.516 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 98 Resp: 879136

Ion Ratio Lower Upper

98 100

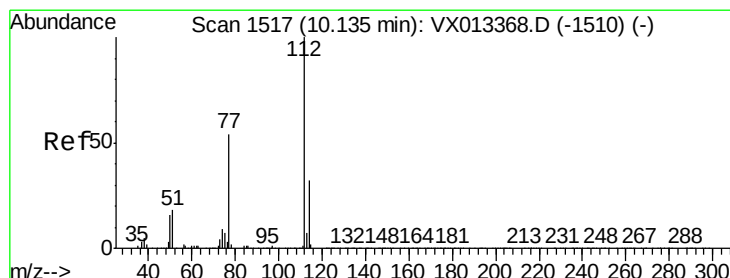
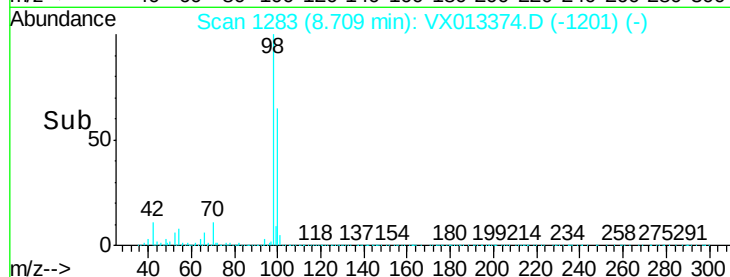
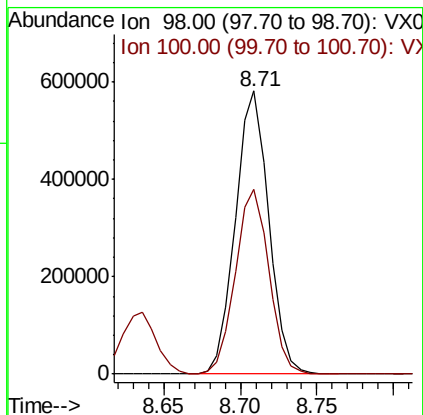
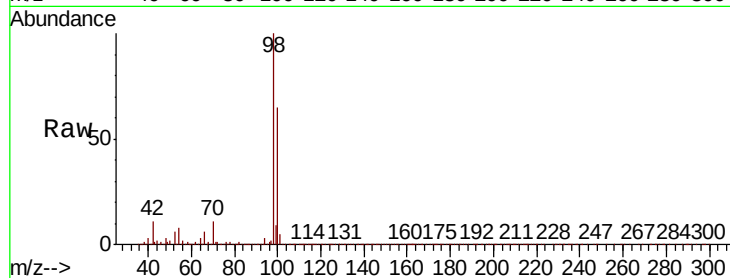
100 65.1 52.5 78.7

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#64

Chlorobenzene

Concen: 19.131 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013374.D

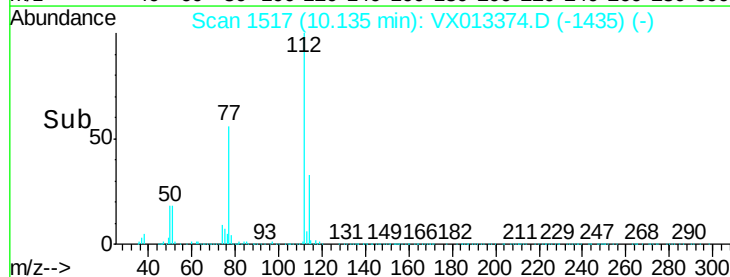
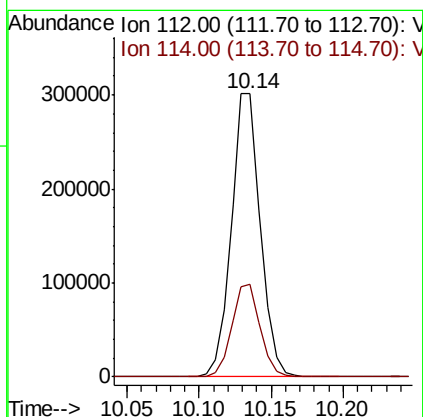
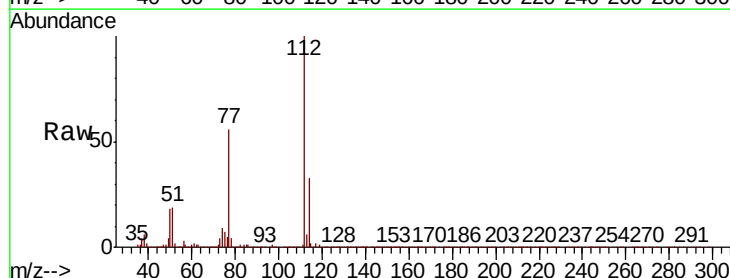
Acq: 12 Nov 2019 09:58

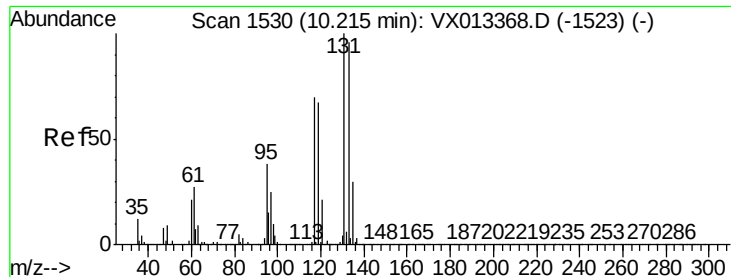
Tgt Ion: 112 Resp: 424494

Ion Ratio Lower Upper

112 100

114 32.7 25.7 38.5





#65

1,1,1,2-Tetrachloroethane

Concen: 18.595 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

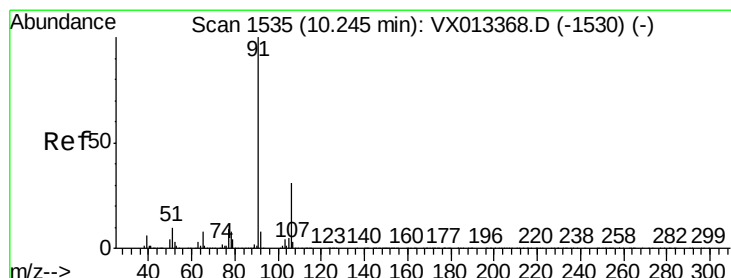
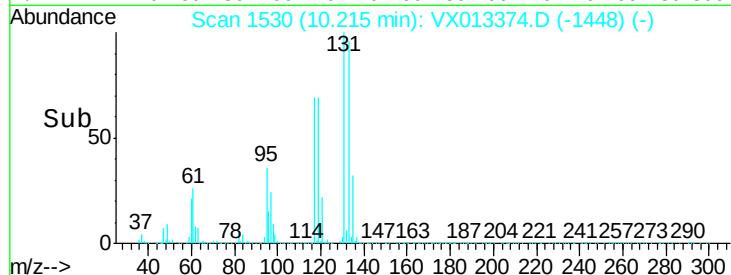
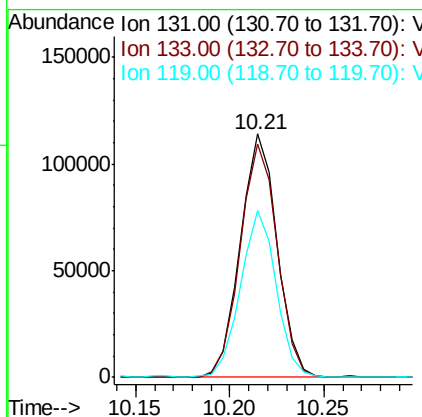
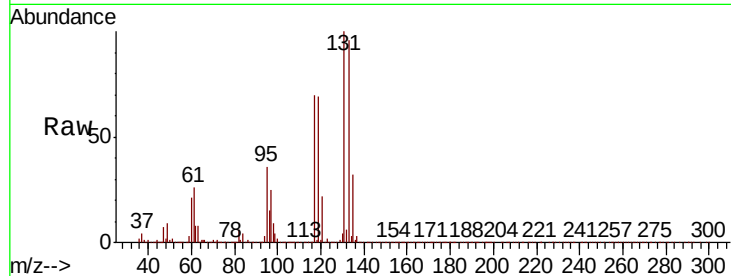
ClientSampleId :

VSTDCCC020

Tot Ion:	131	Resp:	154446
Ion Ratio	Lower	Upper	
131	100		
133	96.5	0.0	192.2
119	66.2	0.0	134.4

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#66

Ethyl Benzene

Concen: 18.911 ug/l

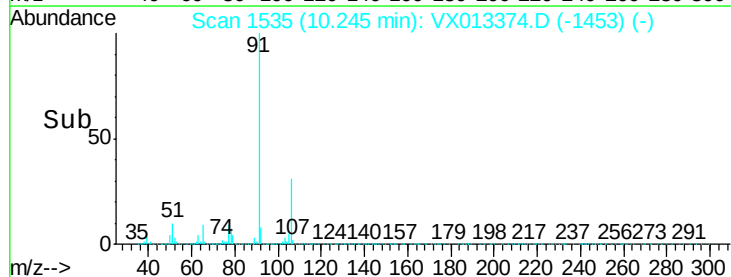
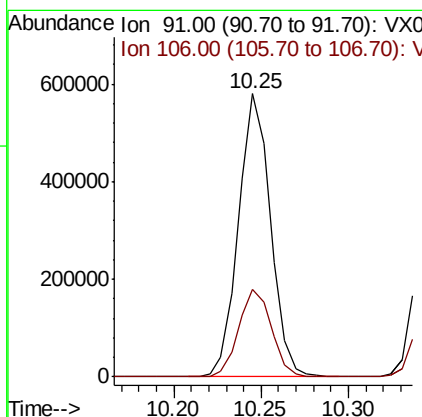
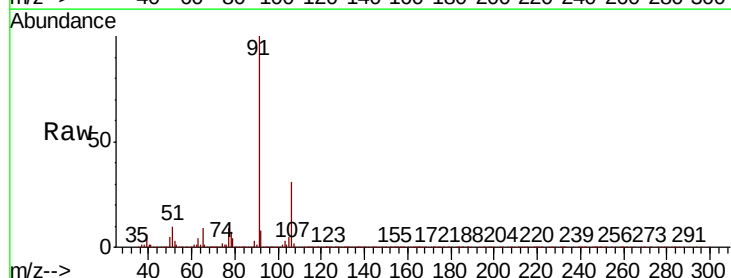
RT: 10.25 min Scan# 1535

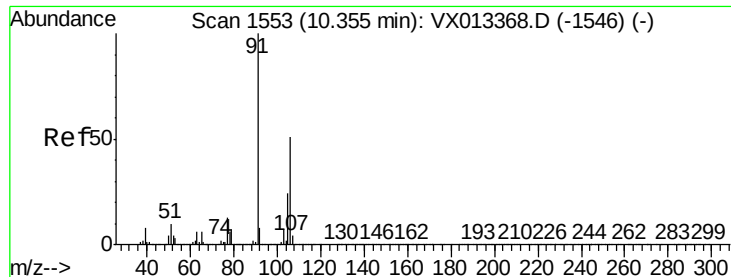
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	91	Resp:	737266
Ion Ratio	Lower	Upper	
91	100		
106	30.7	25.0	37.4





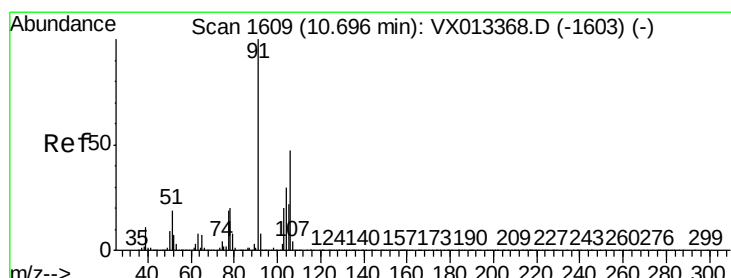
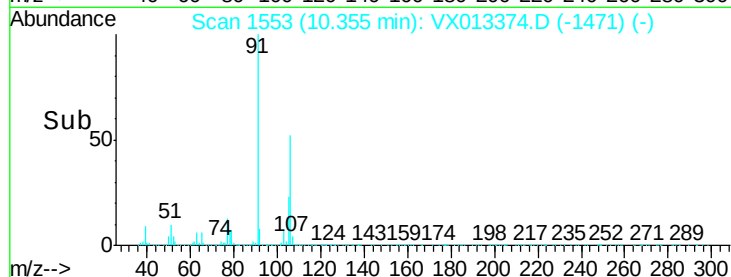
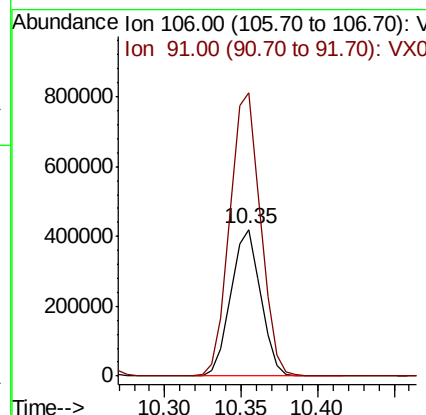
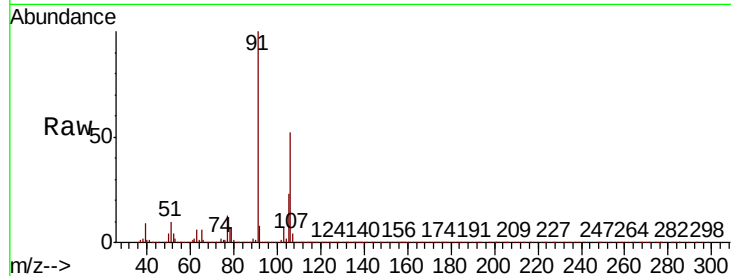
#67
m/p-Xylenes
Concen: 37.854 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.8	158.4	237.6

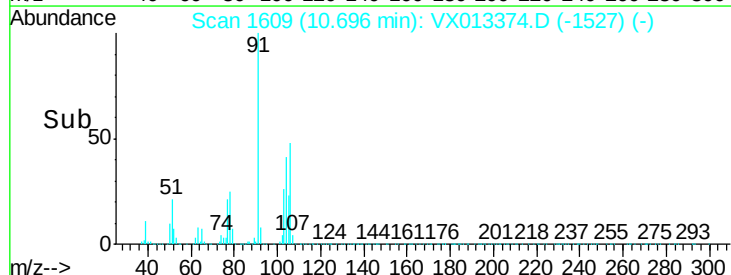
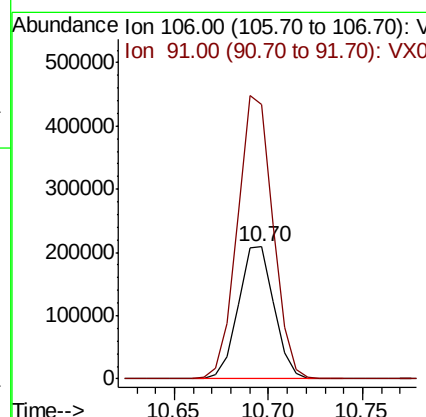
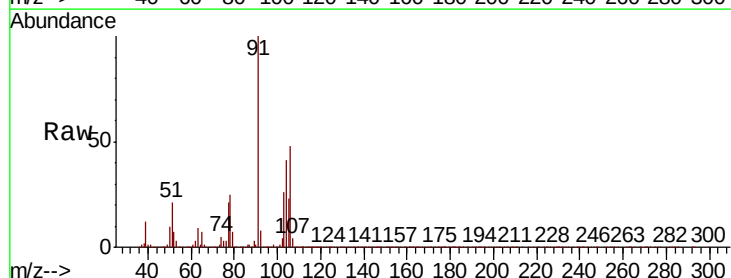
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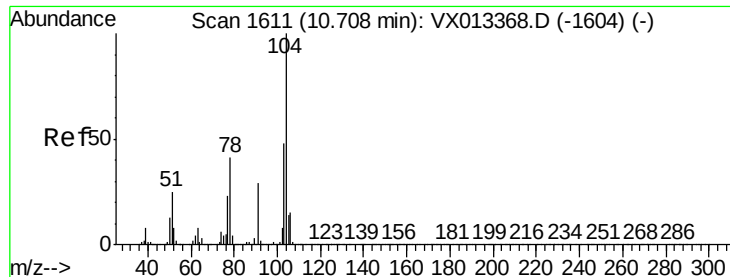
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#68
o-Xylene
Concen: 18.991 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
106	100		
91	211.8	106.4	319.2





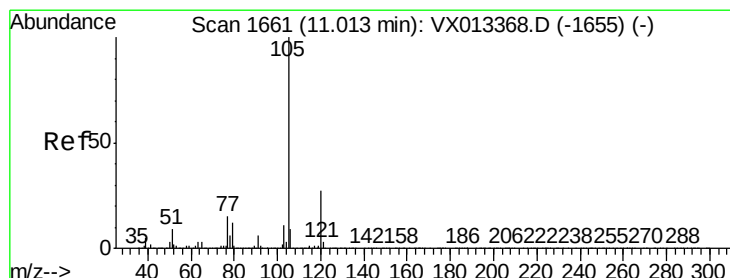
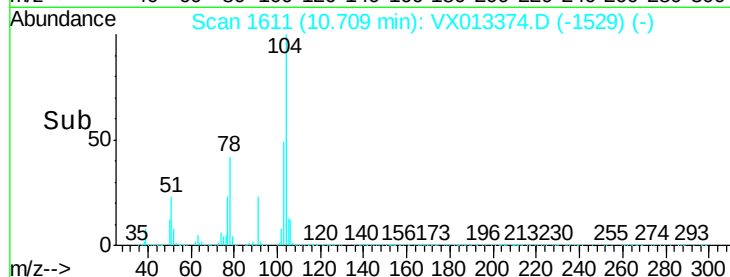
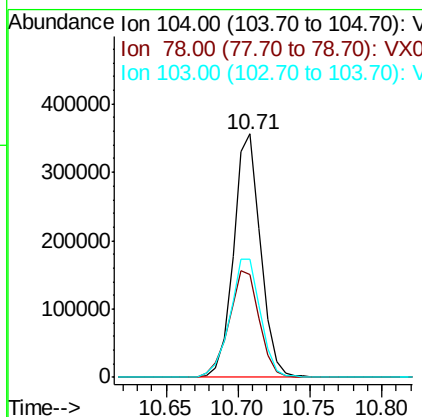
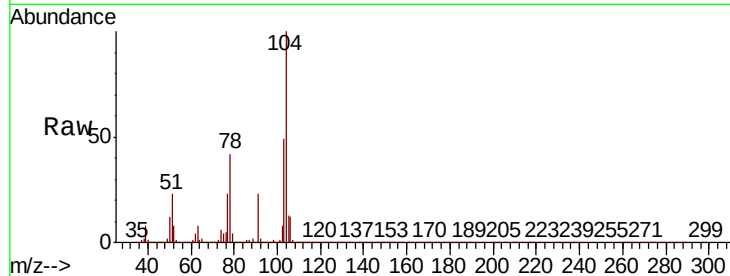
#69
Stvrene
Concen: 18.823 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.2	38.2	57.4
103	54.9	43.2	64.8

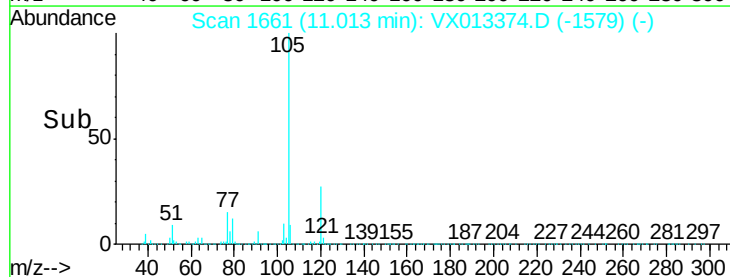
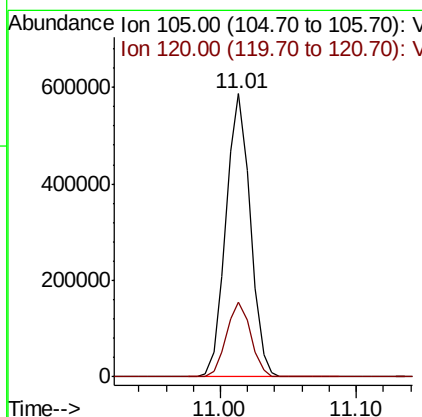
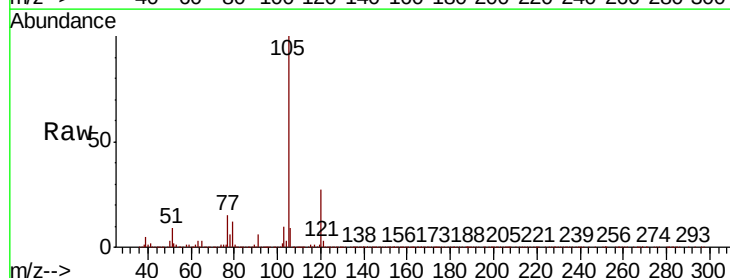
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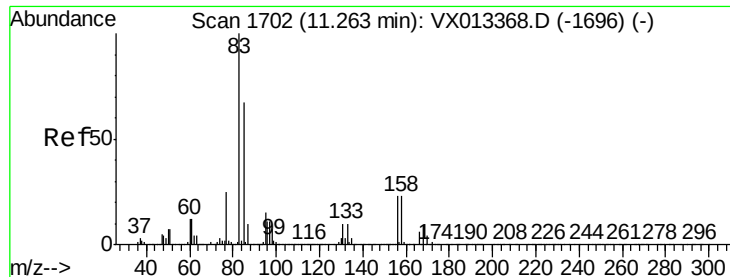
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#70
Isopropylbenzene
Concen: 19.034 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013374.D
Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.5	18.8	34.8





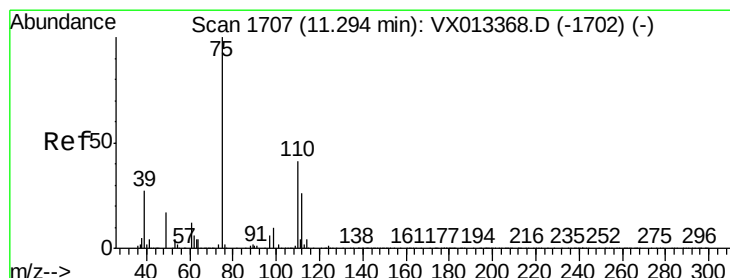
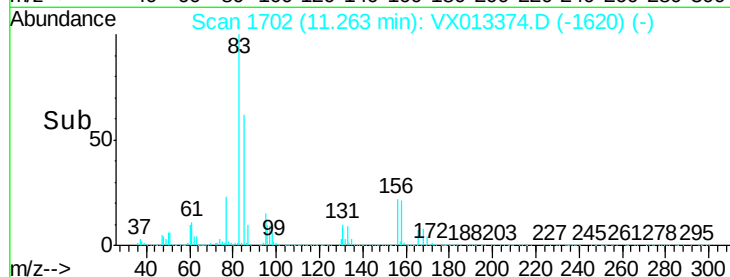
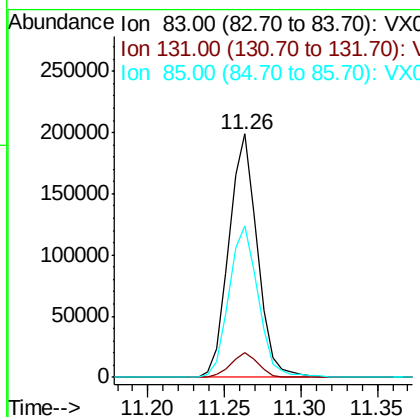
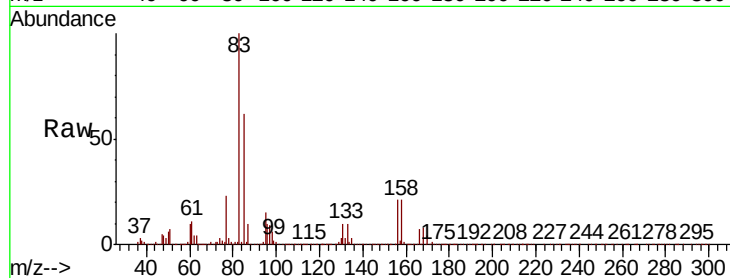
#71
 1,1,2,2-Tetrachloroethane
 Concen: 18.661 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
131	9.9	4.7	14.1	
85	63.7	32.6	97.7	

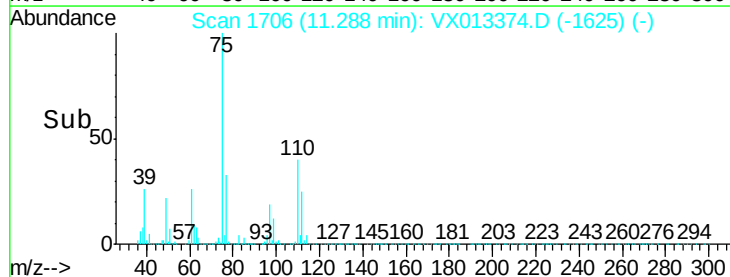
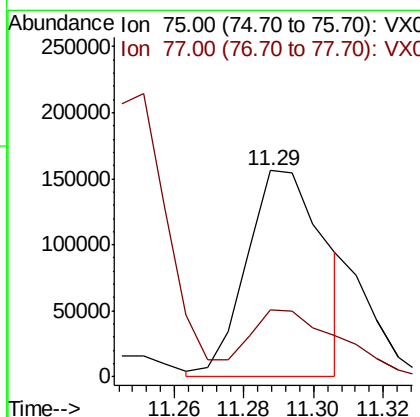
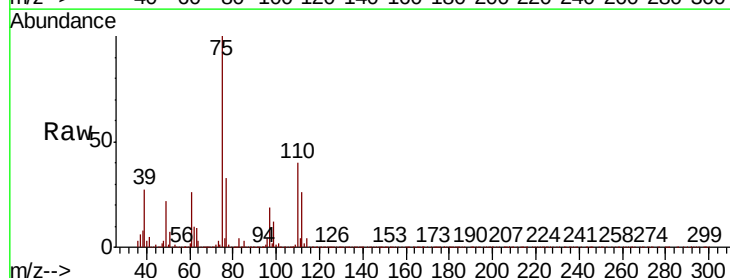
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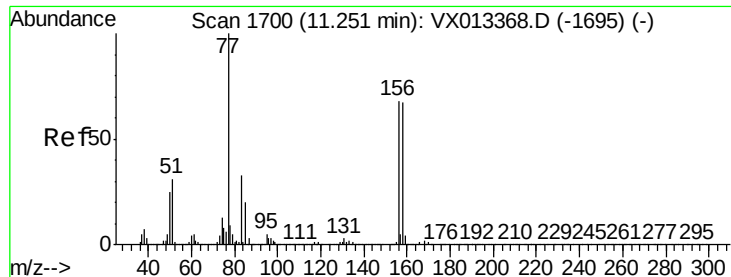
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 11/13/2019 9:39:51 AM



#72
 1,2,3-Trichloropropane
 Concen: 20.861 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.01 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100			
77	35.1	0.0	86.2	





#73

Bromobenzene

Concen: 18.989 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

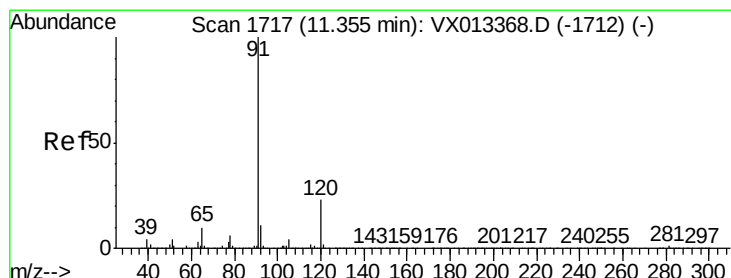
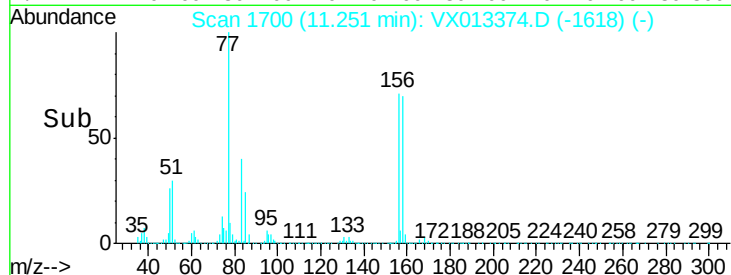
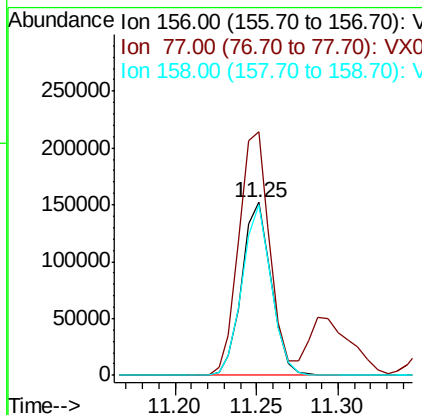
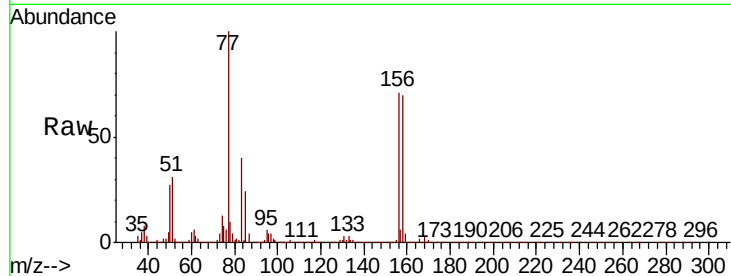
ClientSampleId :

VSTDCCC020

Tot Ion:	156	Resp:	191511
Ion Ratio	Lower	Upper	
156	100		
77	149.5	0.0	308.8
158	98.0	0.0	197.0

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#74

n-propylbenzene

Concen: 19.024 ug/l

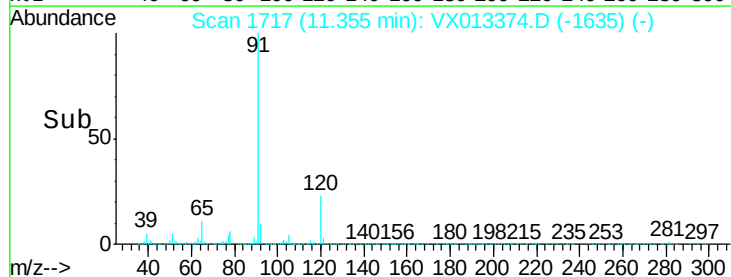
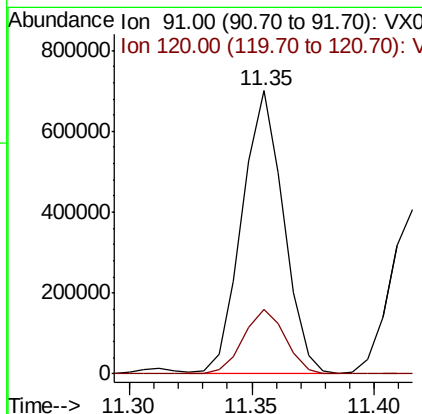
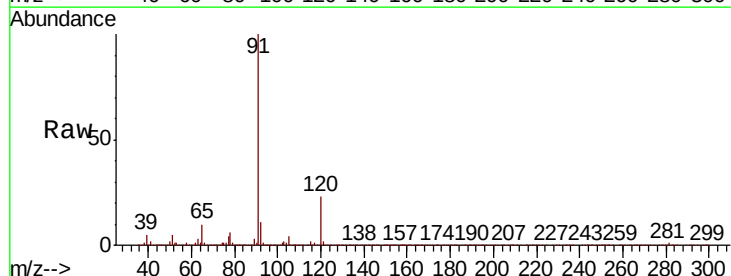
RT: 11.35 min Scan# 1717

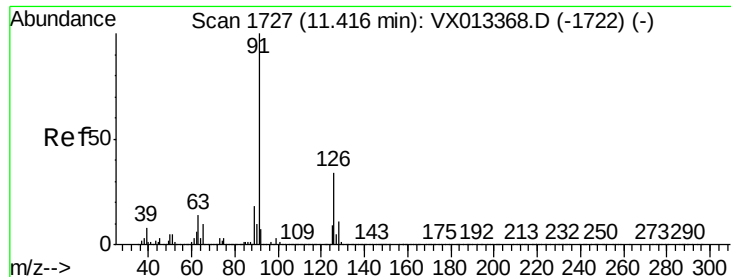
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	91	Resp:	826790
Ion Ratio	Lower	Upper	
91	100		
120	22.8	0.0	46.2





#75

2-Chlorotoluene

Concen: 18.966 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC020

Tot Ion: 91 Resp: 490156

Ion Ratio Lower Upper

91 100

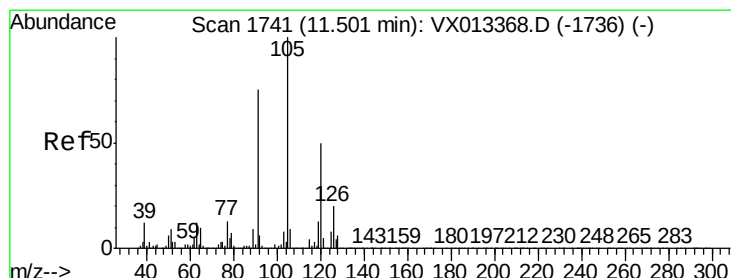
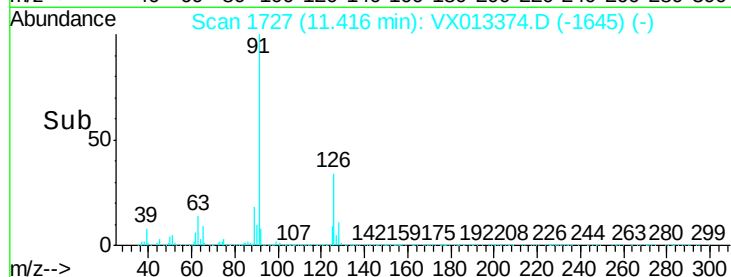
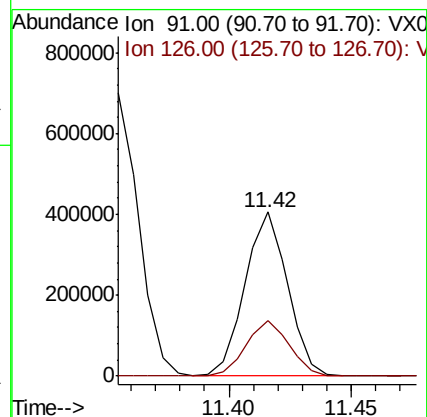
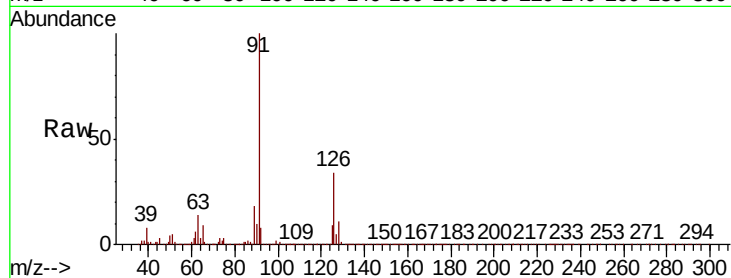
126 34.4 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 18.930 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013374.D

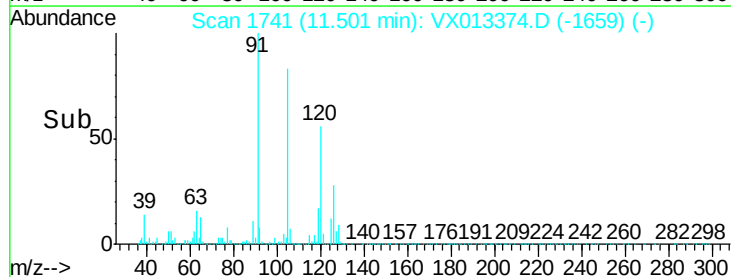
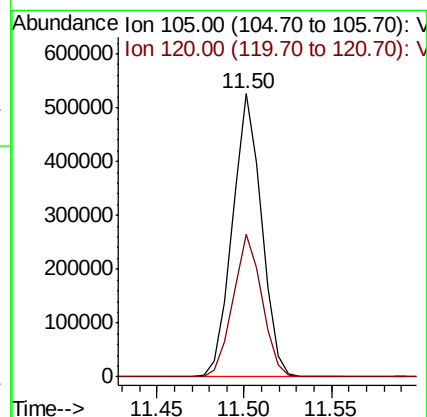
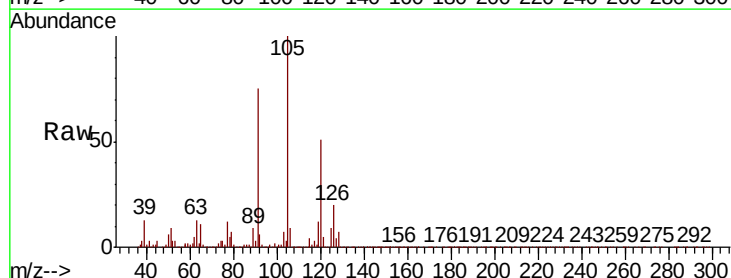
Acq: 12 Nov 2019 09:58

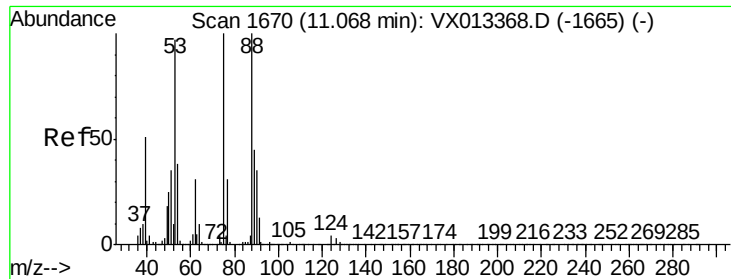
Tgt Ion: 105 Resp: 608517

Ion Ratio Lower Upper

105 100

120 50.1 0.0 100.0





#77

t-1,4-Dichloro-2-butene

Concen: 17.704 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

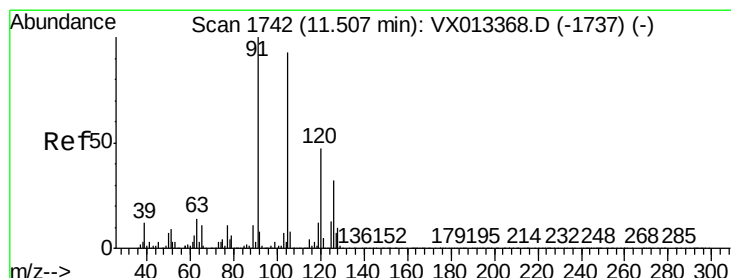
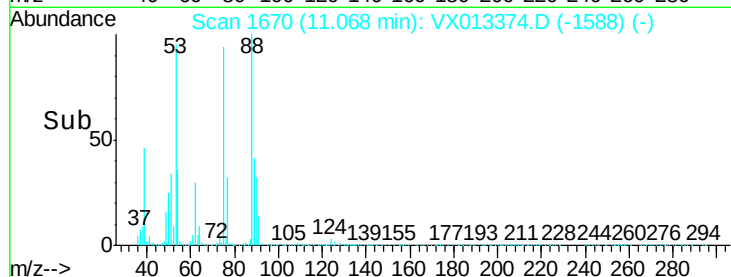
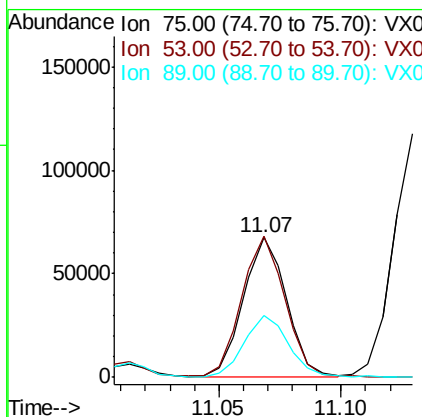
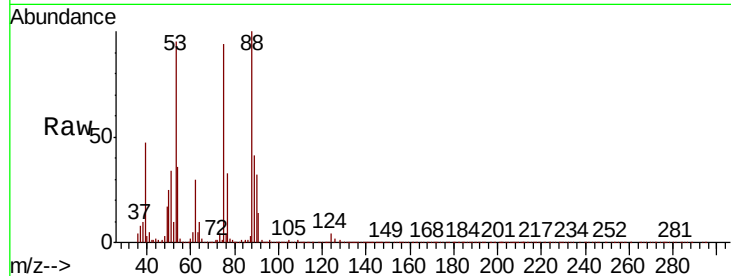
ClientSampleId :

VSTDCCC020

Tot Ion:	75	Resp:	82764
Ion	Ratio	Lower	Upper
75	100		
53	100.8	48.8	146.3
89	44.1	22.3	66.8

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#78

4-Chlorotoluene

Concen: 18.606 ug/l

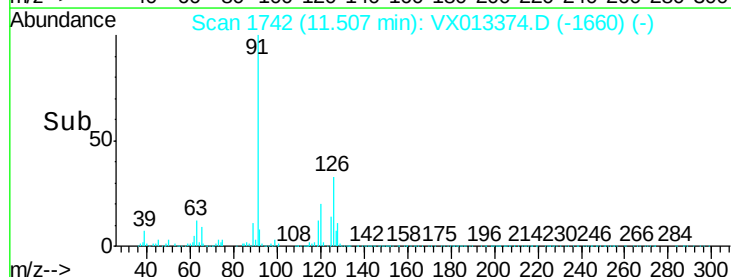
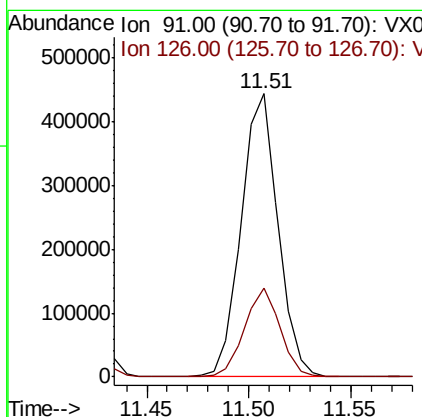
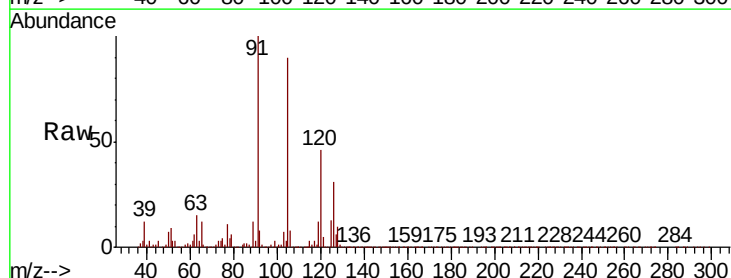
RT: 11.51 min Scan# 1742

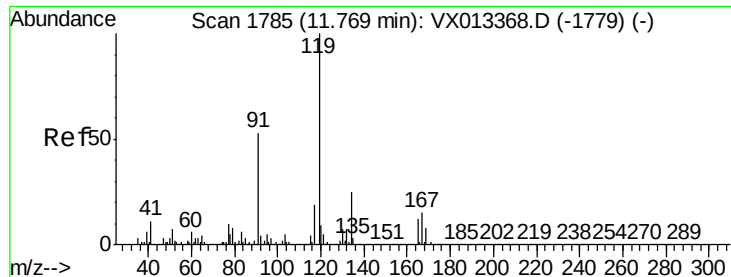
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	91	Resp:	550923
Ion	Ratio	Lower	Upper
91	100		
126	30.5	0.0	61.0





#79

tert-butylbenzene

Concen: 18.393 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

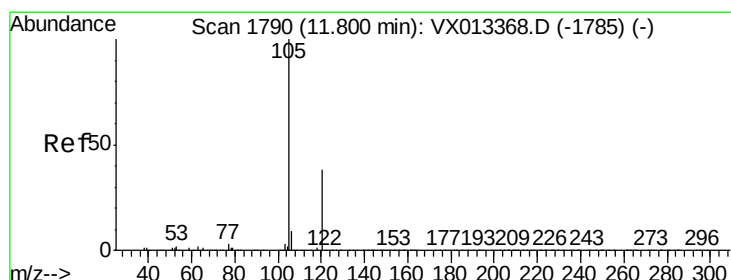
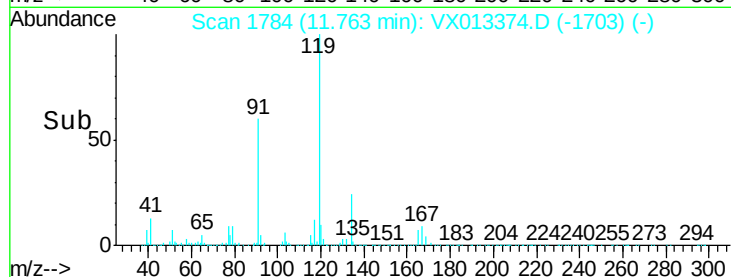
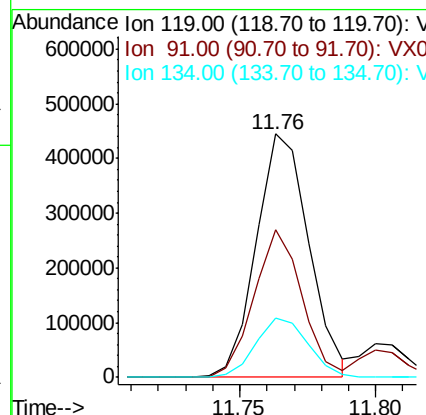
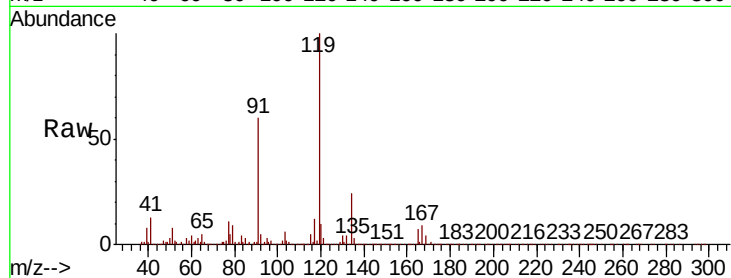
ClientSampleId :

VSTDCCC020

Tot Ion:	119	Resp:	596540
Ion Ratio		Lower	Upper
119	100		
91	55.2	0.0	109.6
134	24.0	0.0	47.8

Manual Integrations
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#80

1,2,4-Trimethylbenzene

Concen: 19.021 ug/l

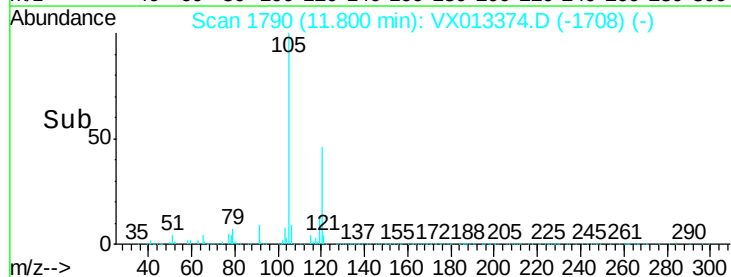
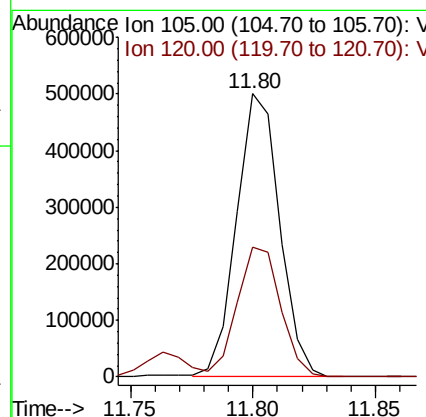
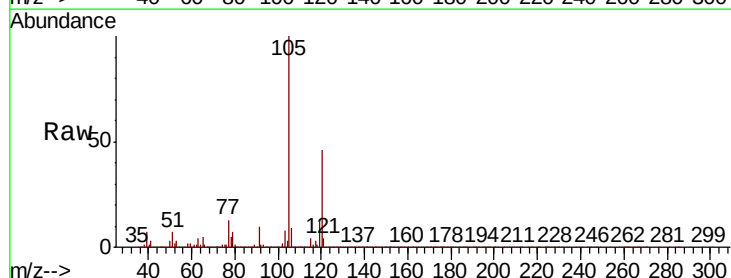
RT: 11.80 min Scan# 1790

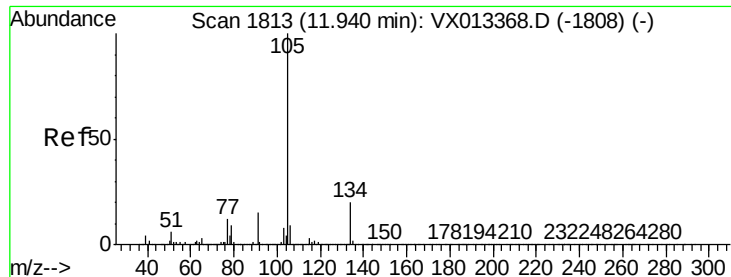
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	105	Resp:	609297
Ion Ratio		Lower	Upper
105	100		
120	46.4	0.0	94.0





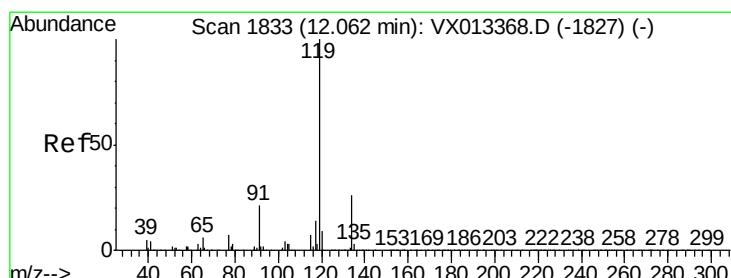
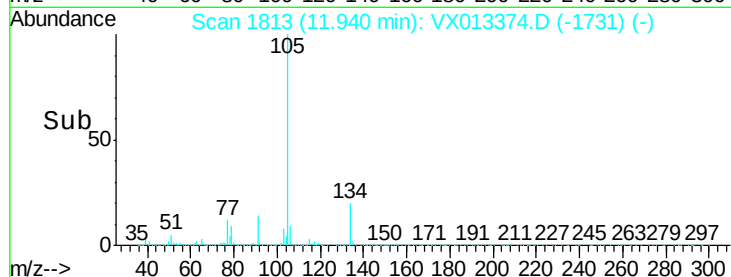
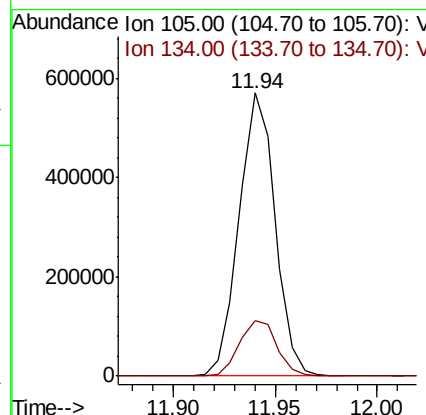
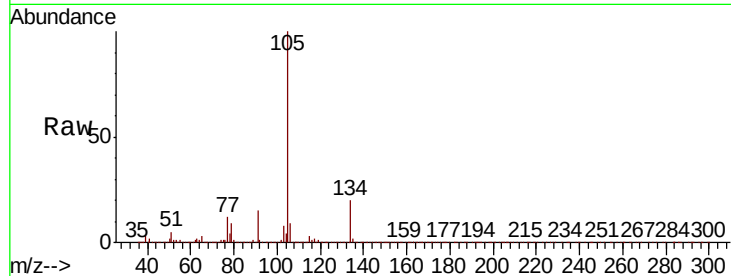
#81
 sec-Butylbenzene
 Concen: 18.882 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.4	0.0	41.2

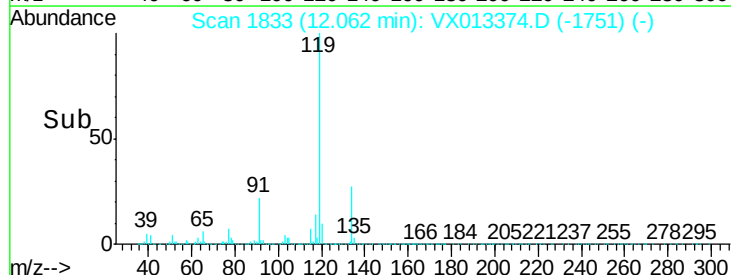
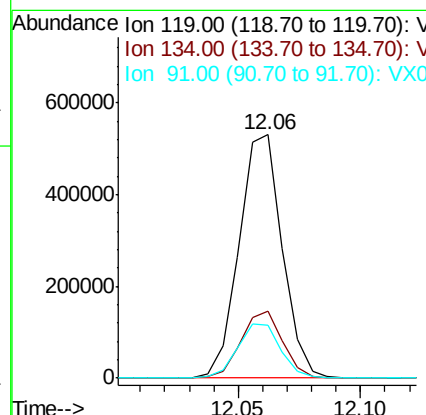
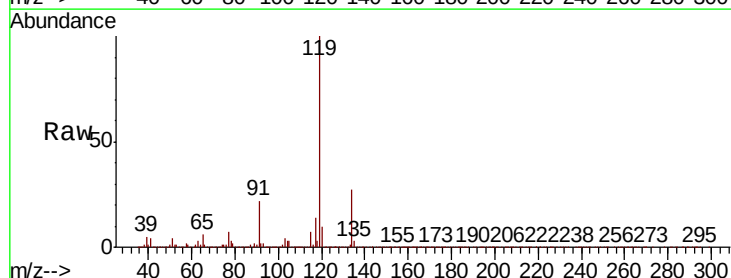
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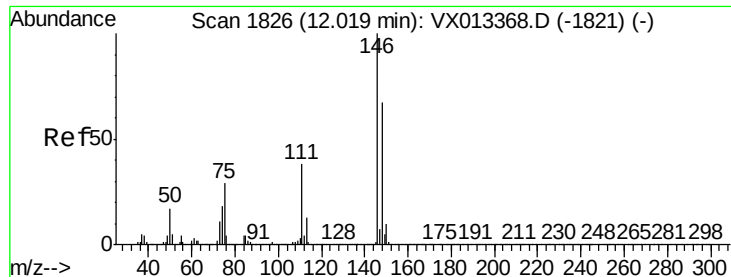
MMDadoda
 11/13/2019 9:39:51 AM



#82
 p-Isopropyltoluene
 Concen: 18.994 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.5	0.0	51.6
91	22.1	0.0	44.2





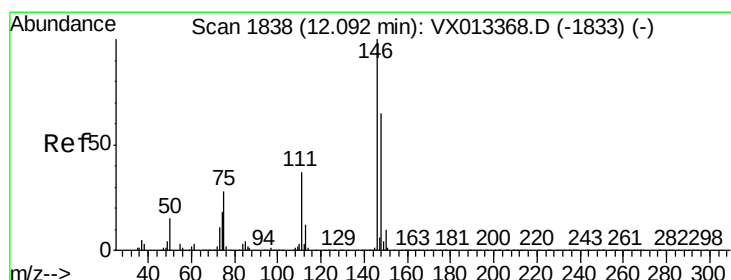
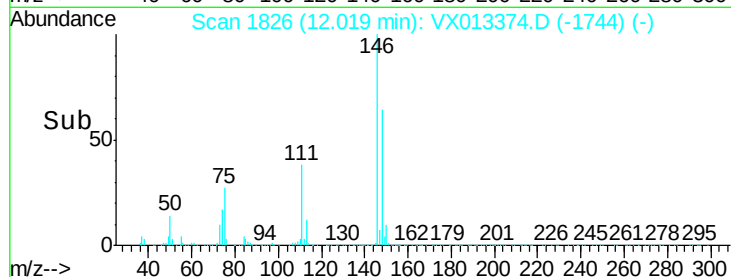
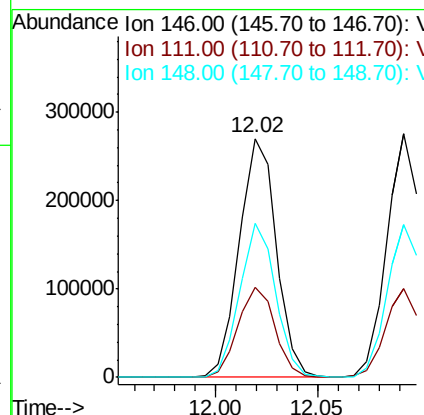
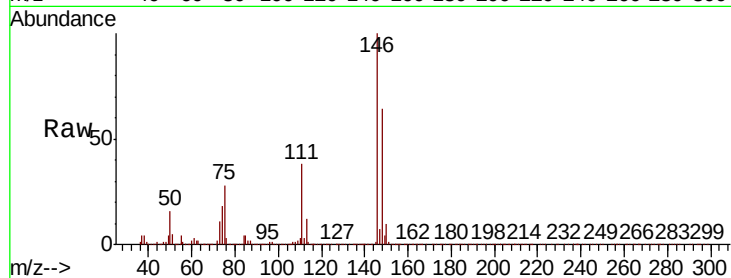
#83
 1,3-Dichlorobenzene
 Concen: 19.137 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	62.6	32.3	96.9

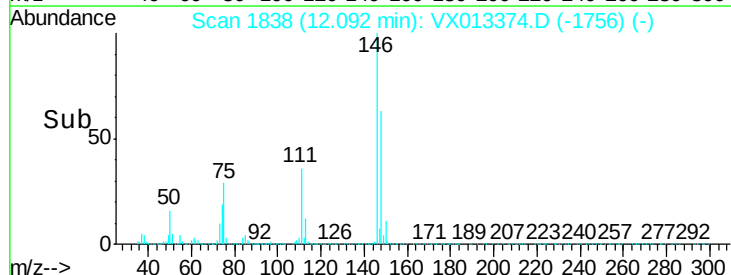
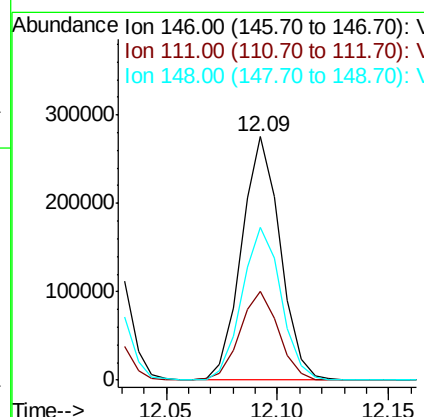
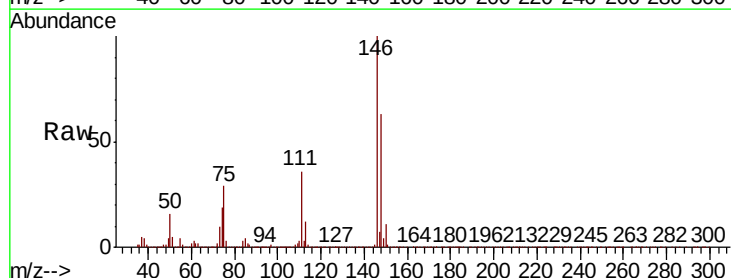
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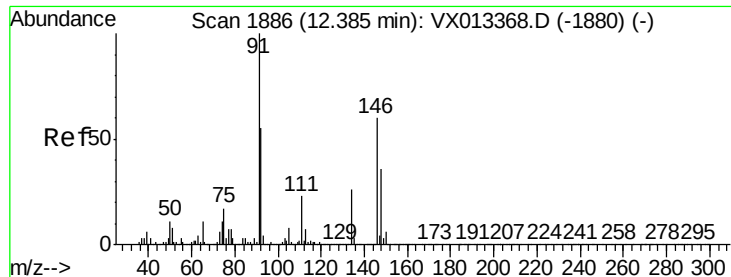
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 11/13/2019 9:39:51 AM



#84
 1,4-Dichlorobenzene
 Concen: 18.925 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.1	18.6	55.6
148	63.4	32.5	97.4





#85

n-Butylbenzene

Concen: 18.557 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

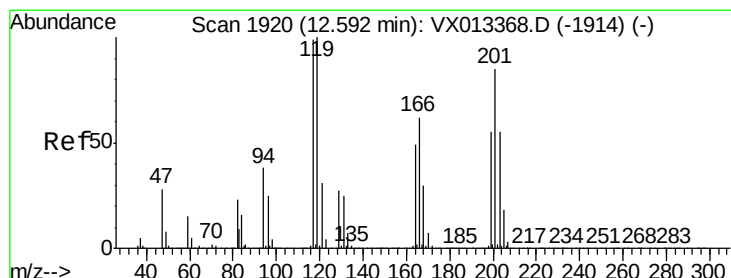
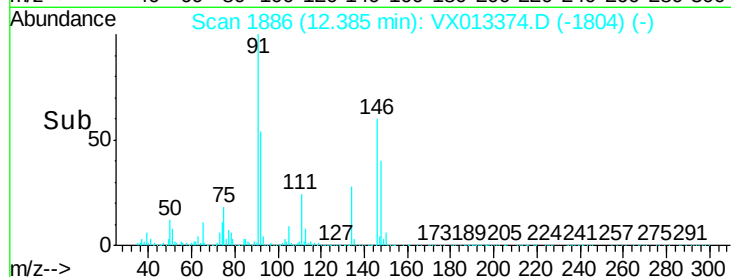
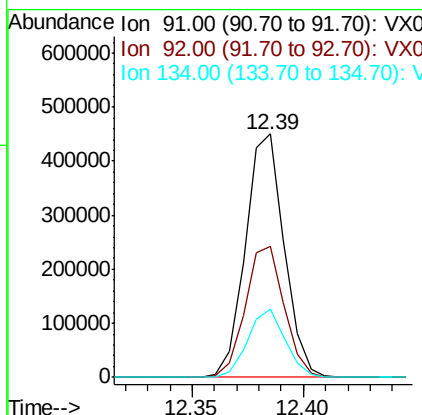
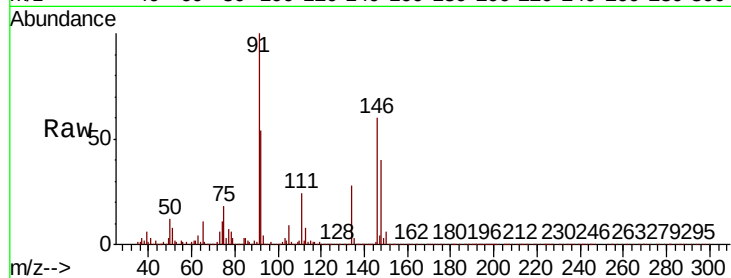
ClientSampleId :

VSTDCCC020

Tot Ion:	91	Resp:	546033
Ion Ratio	Lower	Upper	
91	100		
92	54.0	0.0	109.0
134	27.0	0.0	53.0

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#86

Hexachloroethane

Concen: 18.162 ug/l

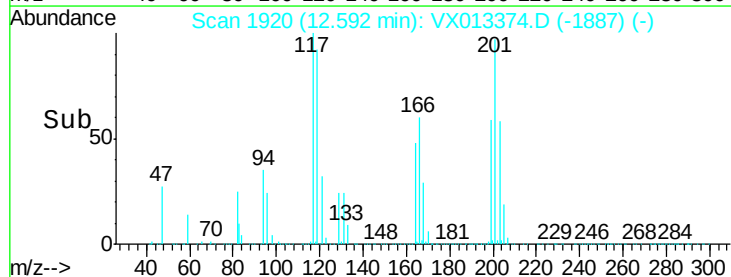
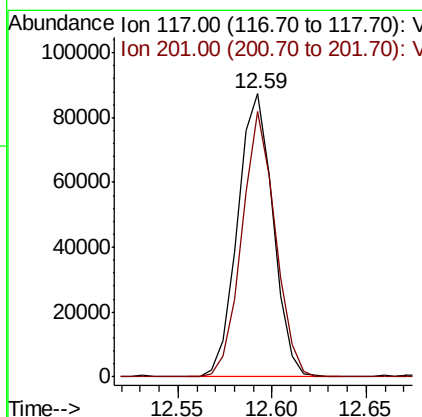
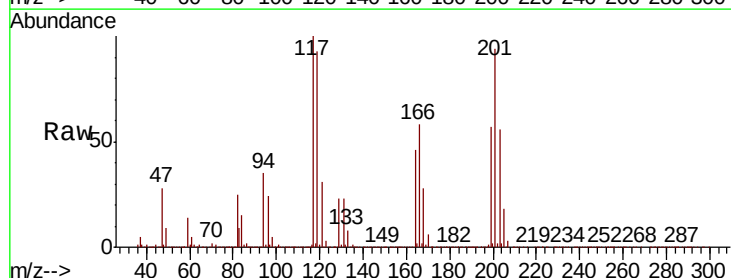
RT: 12.59 min Scan# 1920

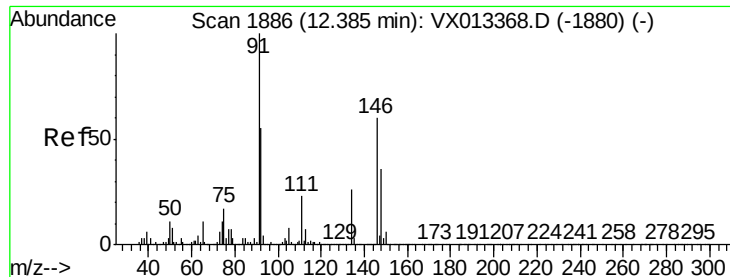
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	117	Resp:	113629
Ion Ratio	Lower	Upper	
117	100		
201	88.6	44.5	133.3





#87

1,2-Dichlorobenzene

Concen: 19.108 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013374.D

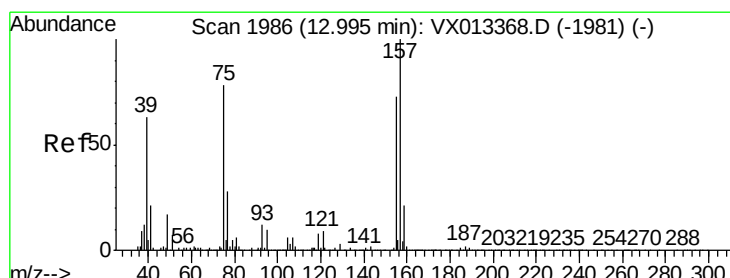
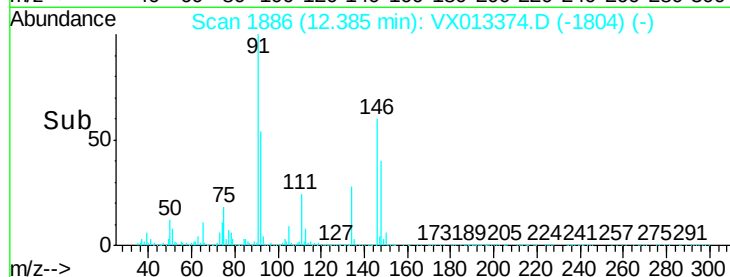
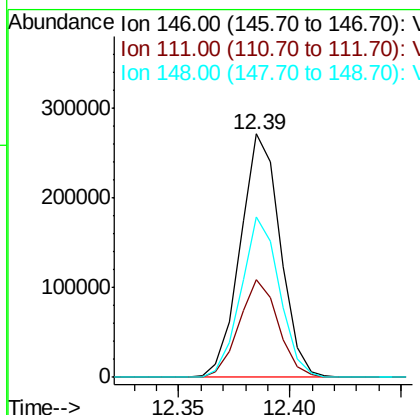
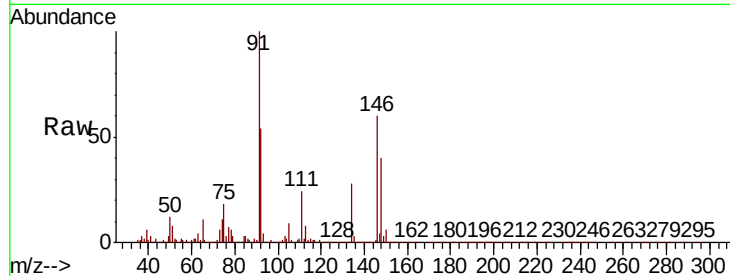
Acq: 12 Nov 2019 09:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	19.6	58.7
148	63.7	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.606 ug/l

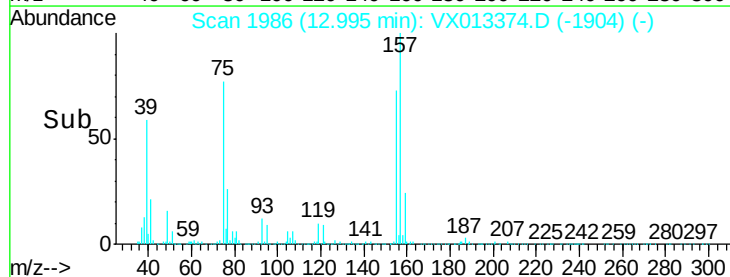
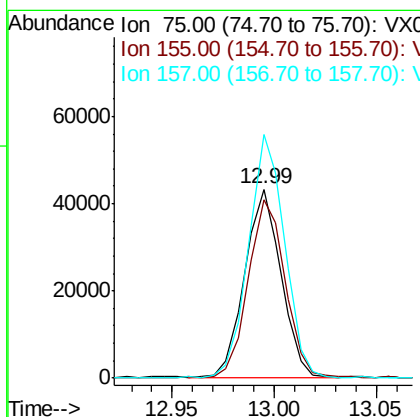
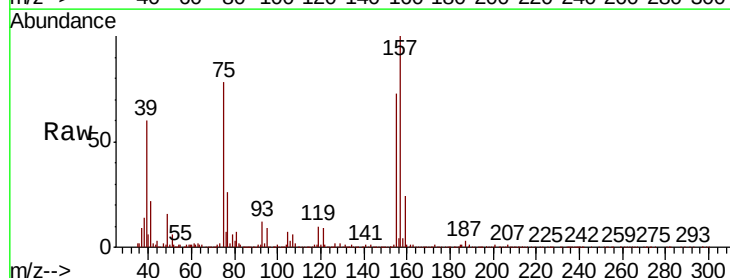
RT: 12.99 min Scan# 1986

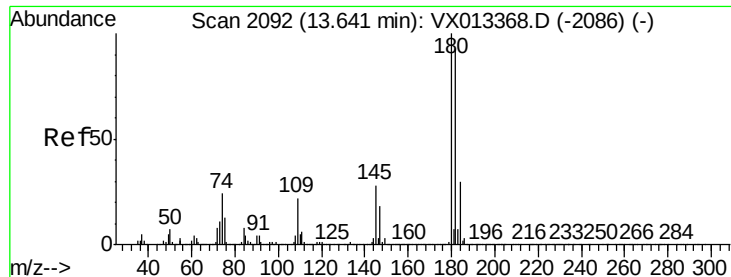
Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.0	76.9	115.3
157	127.6	101.2	151.8





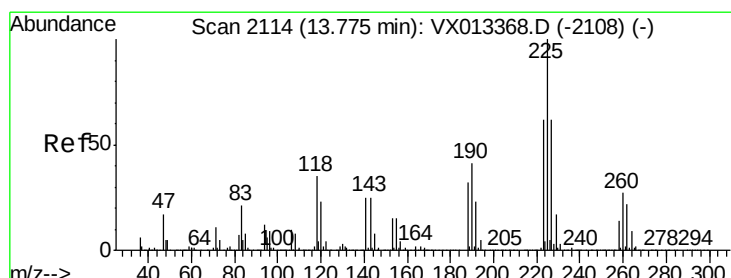
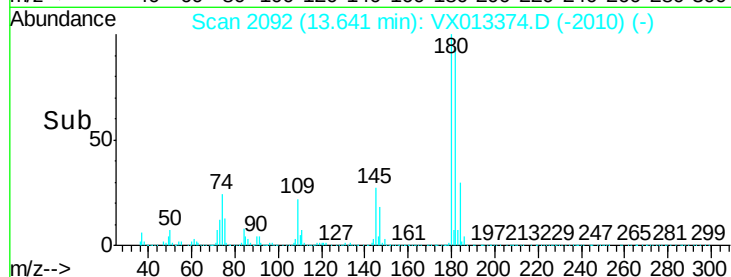
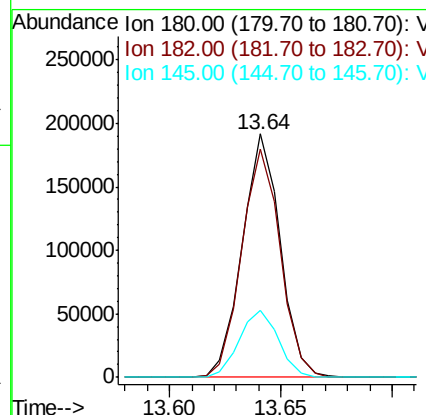
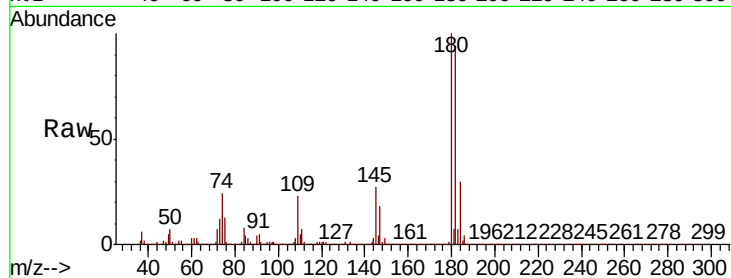
#89
 1,2,4-Trichlorobenzene
 Concen: 18.629 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	227743		
182	95.7	74.7	112.1	
145	28.3	22.1	33.1	

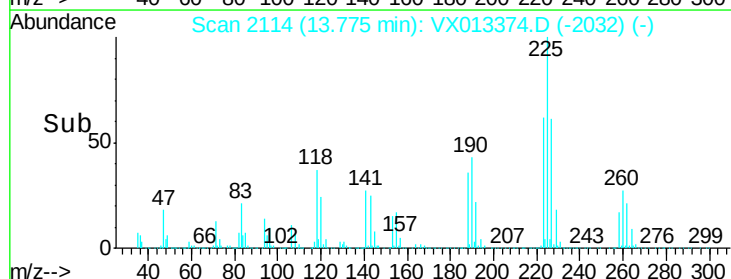
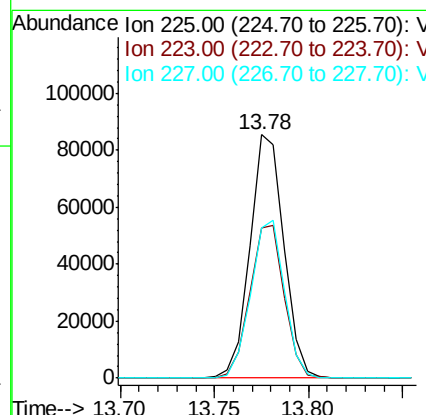
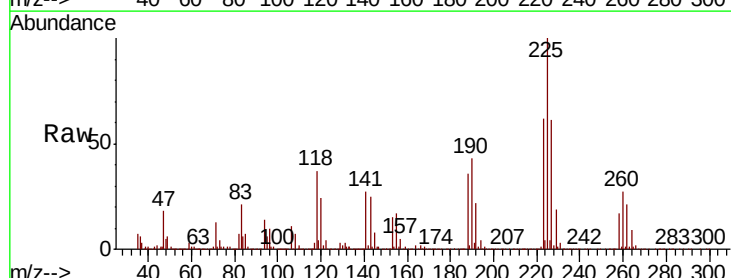
Manual Integrations
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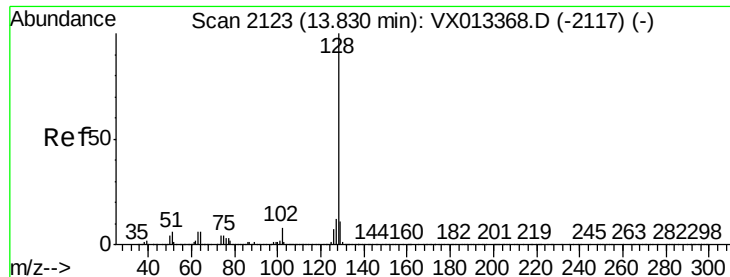
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#90
 Hexachlorobutadiene
 Concen: 18.184 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013374.D
 Acq: 12 Nov 2019 09:58

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	106523		
223	63.7	0.0	123.0	
227	64.1	0.0	121.8	





#91

Naphthalene

Concen: 18.609 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Instrument :

MSVOA_X

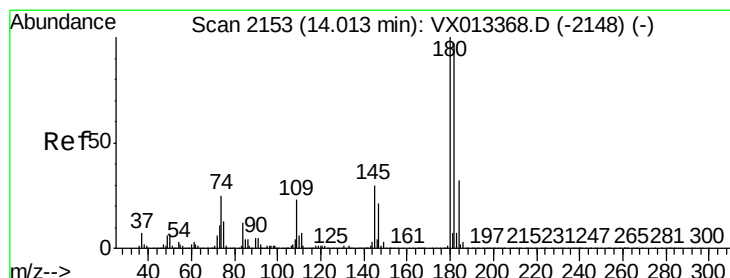
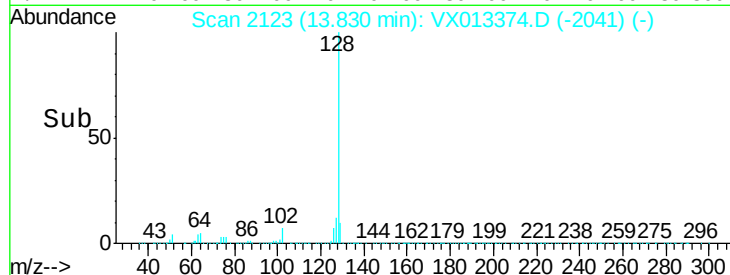
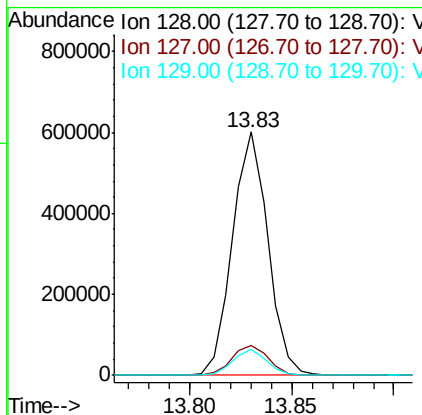
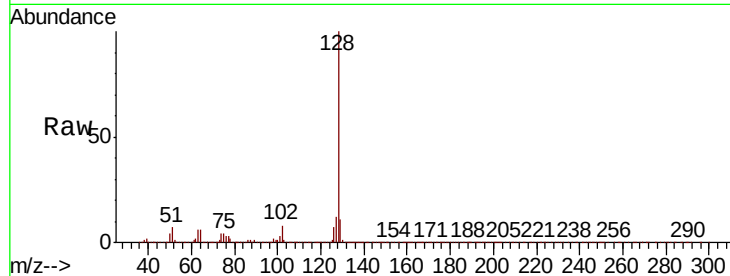
ClientSampleId :

VSTDCCC020

Tot Ion:	128	Resp:	720276
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.2
129	10.4	8.8	13.2

Manual Integrations
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#92

1,2,3-Trichlorobenzene

Concen: 18.502 ug/l

RT: 14.01 min Scan# 2153

Delta R.T. 0.00 min

Lab File: VX013374.D

Acq: 12 Nov 2019 09:58

Tgt Ion:	180	Resp:	228578
Ion Ratio	Lower	Upper	
180	100		
182	96.5	0.0	191.0
145	30.4	0.0	59.0

