

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013371.D
 Acq On : 11 Nov 2019 18:02
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:49:50 AM

Quant Time: Nov 12 01:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	108385	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	661906	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	599927	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	244728	29.19	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.30%
60) 4-Bromofluorobenzene	11.14	95	298843	29.12	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.07%
63) Toluene-d8	8.71	98	790602	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	1313930	168.893	ug/l 99
3) Chloromethane	1.31	50	1399682	195.571	ug/l 99
4) Vinyl Chloride	1.40	62	1598688	211.496	ug/l 99
5) Bromomethane	1.62	94	986161	249.485	ug/l 100
6) Chloroethane	1.70	64	843441	183.001	ug/l 100
7) Trichlorofluoromethane	1.91	101	1680927	152.090	ug/l 99
8) Diethyl Ether	2.18	74	775053	193.285	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	1009365	148.540	ug/l 100
10) 1,1-Dichloroethene	2.36	96	1053568	159.990	ug/l 99
11) Methyl Iodide	2.50	142	1452851	172.547	ug/l 99
12) Methyl Acetate	2.76	43	1881035	207.882	ug/l 97
13) Acrolein	2.28	56	953361	767.282	ug/l 99
14) Acrylonitrile	3.14	53	3409610	929.720	ug/l 98
15) Acetone	2.44	58	967946	800.382	ug/l 97
16) Carbon Disulfide	2.55	76	3018218	169.954	ug/l 100
17) Allyl chloride	2.71	41	1947837	180.463	ug/l 93
18) Methylene Chloride	2.84	84	1174099	154.727	ug/l 99
19) trans-1,2-Dichloroethene	3.15	96	1123694	160.912	ug/l 99
20) Diisopropyl ether	3.84	45	3694902	178.018	ug/l # 85
21) 1,1-Dichloroethane	3.68	63	2012522	162.752	ug/l 98
22) cis-1,2-Dichloroethene	4.58	96	1284757	161.645	ug/l 98
23) tert-Butyl Alcohol	3.05	59	1646573	875.774	ug/l 100
24) Methyl tert-Butyl Ether	3.19	73	3489263	154.451	ug/l 100
25) Chloroform	5.20	83	1954752	152.398	ug/l 100
26) Cyclohexane	5.57	56	1829222	167.463	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	1549220	153.618	ug/l 99
30) 2-Butanone	4.66	43	4969498	885.769	ug/l 99
31) 2,2-Dichloropropane	4.57	77	1646299	141.499	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	1712121	141.369	ug/l 99
33) Carbon Tetrachloride	5.78	117	1500210	143.530	ug/l 100
34) Benzene	6.13	78	4580141	155.359	ug/l 99
35) Methacrylonitrile	5.03	41	1031571	180.482	ug/l 97
36) 1,2-Dichloroethane	6.18	62	1601010	145.694	ug/l 100
37) Trichloroethene	7.20	130	1267598	156.239	ug/l 96
38) Methylcyclohexane	7.46	83	1874857	150.806	ug/l 99
39) 1,2-Dichloropropane	7.51	63	1178744	161.422	ug/l 97
40) Dibromomethane	7.65	93	789135	153.320	ug/l 98

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Manual Integrations
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Quant Time: Nov 12 01:16:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X111119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 12 01:01:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	1593370	153.875	ug/l	97
42) Vinyl Acetate	3.80	43	15429228	814.983	ug/l	99
43) Ethyl Acetate	4.82	43	1869431	182.131	ug/l	97
44) Isopropyl Acetate	6.43	43	3044927	180.528	ug/l	99
45) 1,4-Dioxane	7.73	88	683360	3313.096	ug/l	98
46) Methyl methacrylate	7.76	41	1535472	184.928	ug/l	99
47) n-amyl Acetate	10.89	43	2809568	194.773	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	1867518	164.181	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	1978417	159.513	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	1187898	155.719	ug/l	98
51) Ethyl methacrylate	9.17	69	2056783	171.102	ug/l	99
52) 1,3-Dichloropropane	9.37	76	2005442	155.863	ug/l	99
53) Dibromochloromethane	9.58	129	1320229	161.145	ug/l	98
54) 1,2-Dibromoethane	9.67	107	1272743	156.330	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	4106315	824.727	ug/l	100
56) Bromoform	10.85	173	1117101	188.035	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	9369094	895.658	ug/l	97
59) 2-Hexanone	9.49	43	7486825	908.574	ug/l	97
61) Tetrachloroethene	9.33	164	1084789	141.241	ug/l	97
62) Toluene	8.78	91	4900301	151.461	ug/l	99
64) Chlorobenzene	10.14	112	3175827	154.216	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	1203872	156.603	ug/l	99
66) Ethyl Benzene	10.25	91	5505300	149.136	ug/l	99
67) m/p-Xylenes	10.35	106	4294803	306.474	ug/l	95
68) o-Xylene	10.70	106	2101237	155.929	ug/l	96
69) Styrene	10.71	104	3641412	157.918	ug/l	98
70) Isopropylbenzene	11.01	105	5360337	146.427	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	2011203	173.205	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	1797933m	186.758	ug/l	
73) Bromobenzene	11.25	156	1475054	164.482	ug/l	97
74) n-propylbenzene	11.35	91	6205736	153.403	ug/l	98
75) 2-Chlorotoluene	11.42	91	3705180	147.965	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	4665189	151.187	ug/l	99
77) t-1,4-Dichloro-2-butene	11.07	75	751896	192.264	ug/l	94
78) 4-Chlorotoluene	11.51	91	4335764	151.163	ug/l	98
79) tert-butylbenzene	11.77	119	4778972	158.588	ug/l	99
80) 1,2,4-Trimethylbenzene	11.81	105	4664491	151.470	ug/l	100
81) sec-Butylbenzene	11.94	105	5434232	154.090	ug/l	99
82) p-Isopropyltoluene	12.06	119	5037035	155.549	ug/l	98
83) 1,3-Dichlorobenzene	12.03	146	2674801	164.965	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	2641316	164.684	ug/l	100
85) n-Butylbenzene	12.39	91	4559473	165.263	ug/l	98
86) Hexachloroethane	12.59	117	995427	175.290	ug/l	97
87) 1,2-Dichlorobenzene	12.39	146	2638314	167.315	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	481501	174.360	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	1929457	192.135	ug/l	98
90) Hexachlorobutadiene	13.78	225	887585	174.866	ug/l	98
91) Naphthalene	13.83	128	6035948	185.835	ug/l	99
92) 1,2,3-Trichlorobenzene	14.02	180	1905437	185.466	ug/l	99

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VSTDICC150

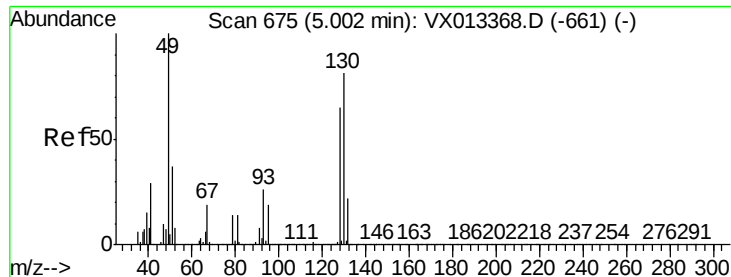
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

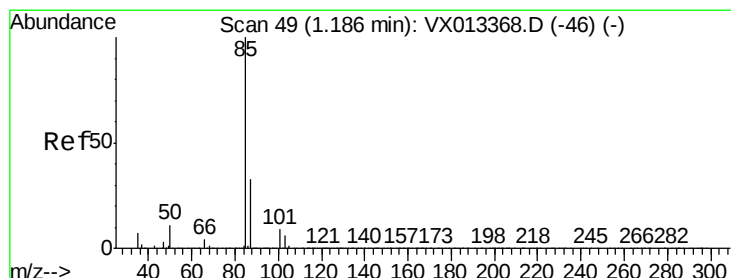
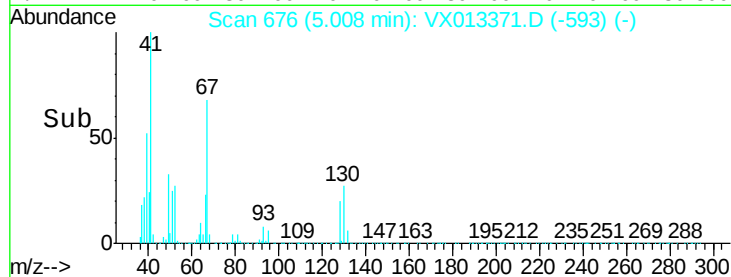
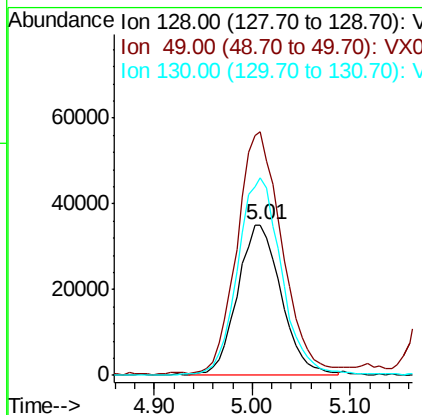
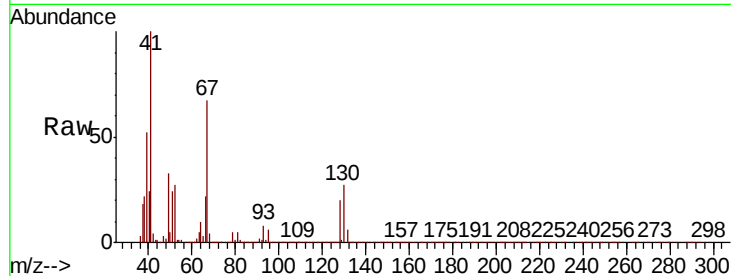
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	166.7	0.0	388.3
130	133.1	0.0	318.5

Manual Integrations
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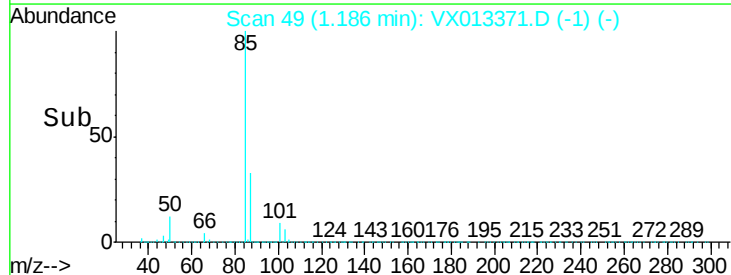
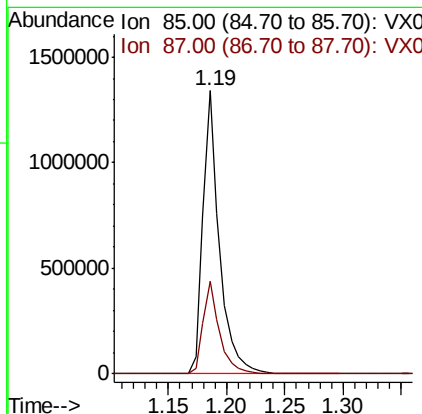
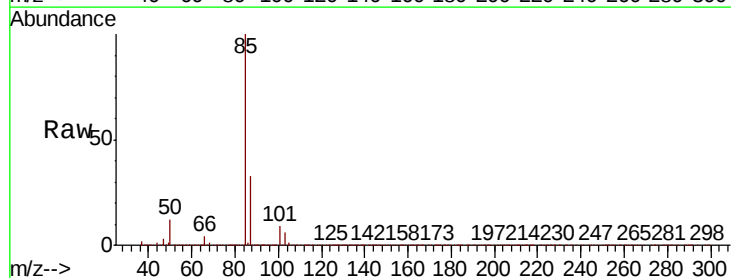
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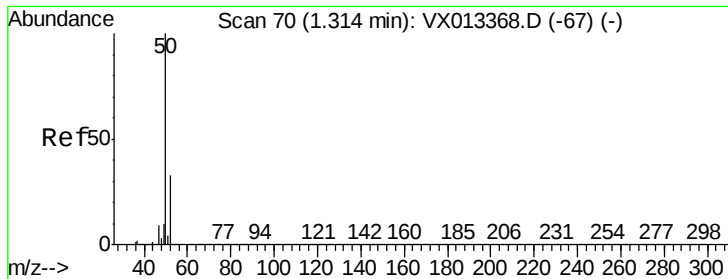


#2

Dichlorodifluoromethane
Concen: 168.893 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7





#3

Chloromethane

Concen: 195.571 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 1399682

Ion Ratio Lower Upper

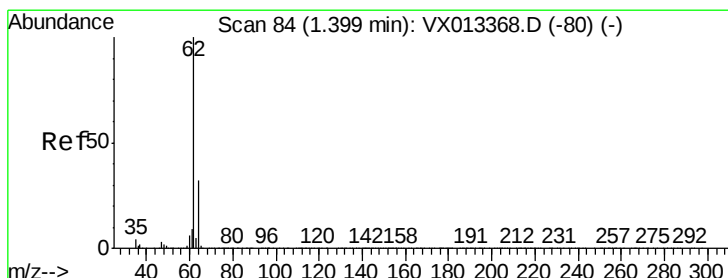
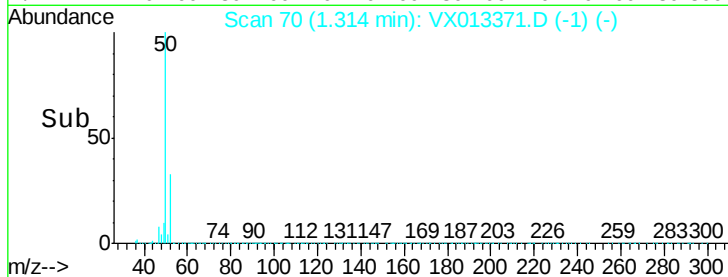
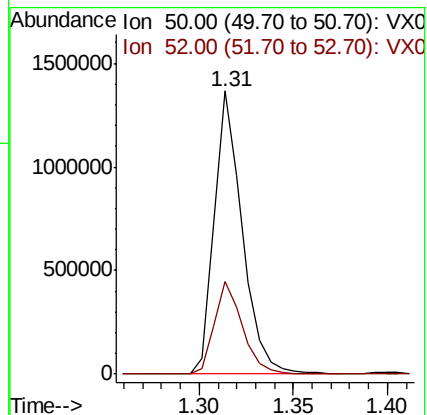
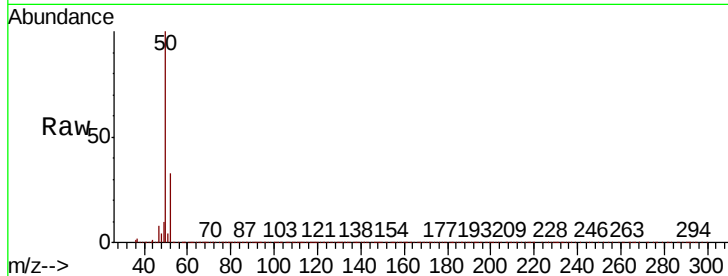
50 100

52 32.8 26.6 40.0

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#4

Vinyl Chloride

Concen: 211.496 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013371.D

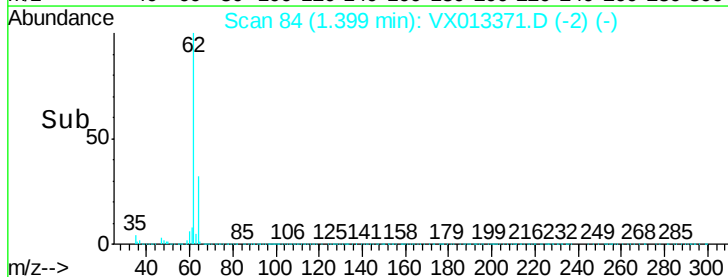
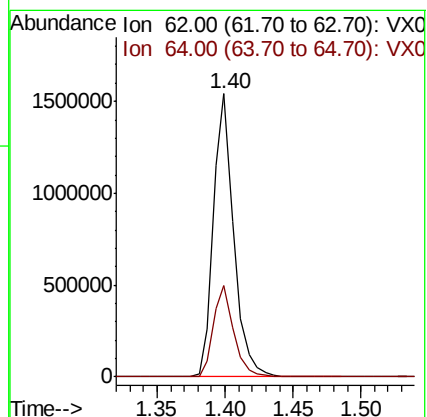
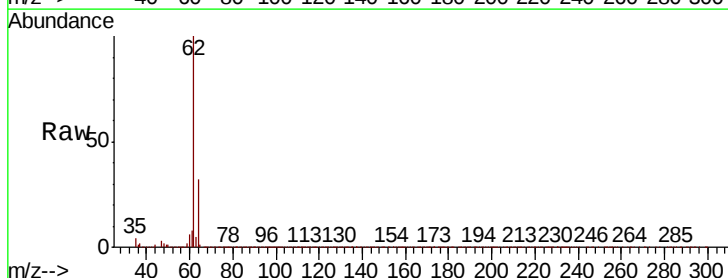
Acq: 11 Nov 2019 18:02

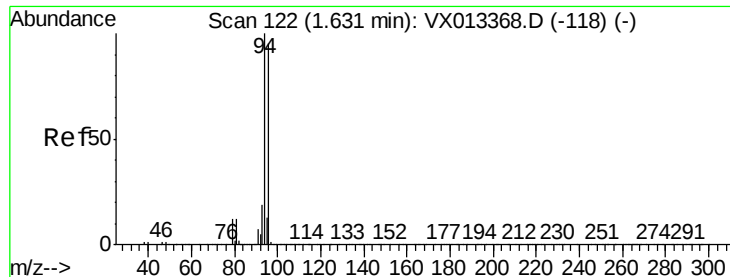
Tgt Ion: 62 Resp: 1598688

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 249.485 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 986161

Ion Ratio Lower Upper

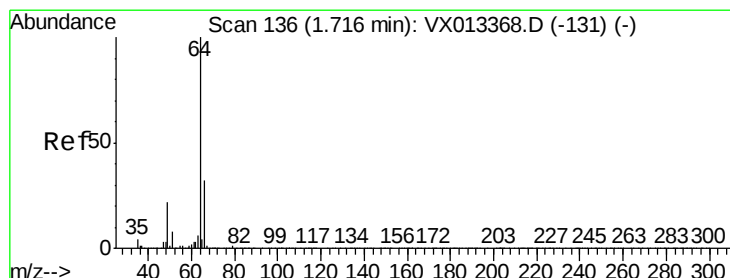
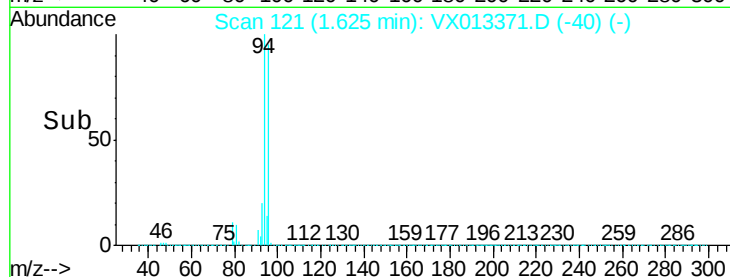
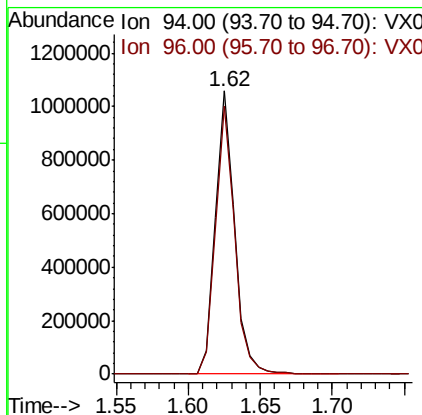
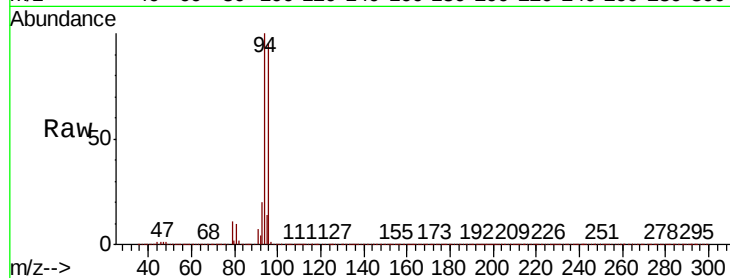
94 100

96 94.7 75.7 113.5

Manual Integrations
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#6

Chloroethane

Concen: 183.001 ug/l

RT: 1.70 min Scan# 133

Delta R.T. -0.02 min

Lab File: VX013371.D

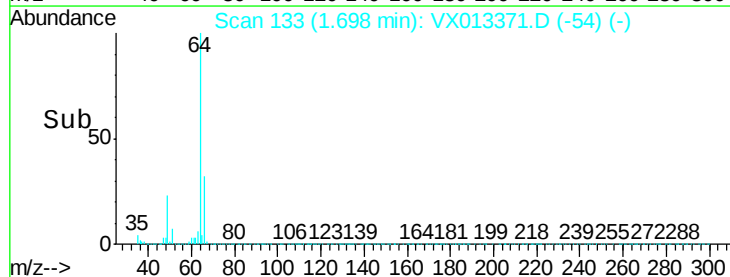
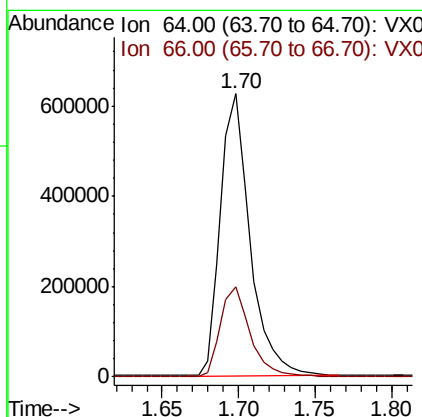
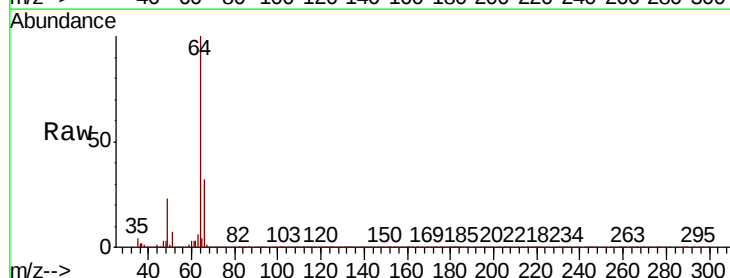
Acq: 11 Nov 2019 18:02

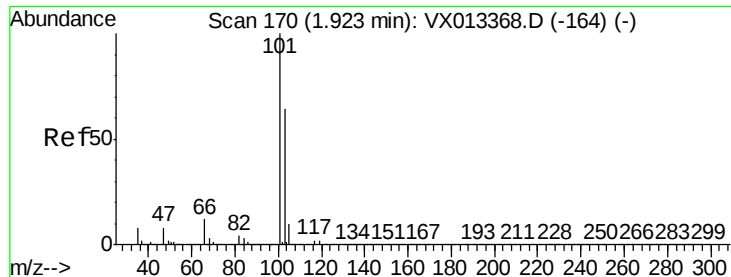
Tgt Ion: 64 Resp: 843441

Ion Ratio Lower Upper

64 100

66 32.1 25.5 38.3





#7

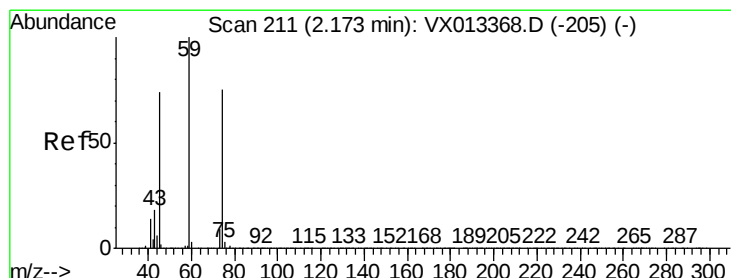
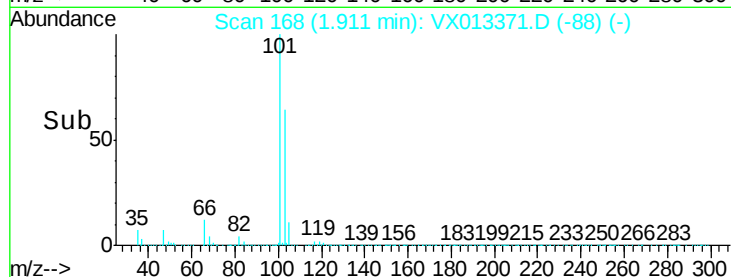
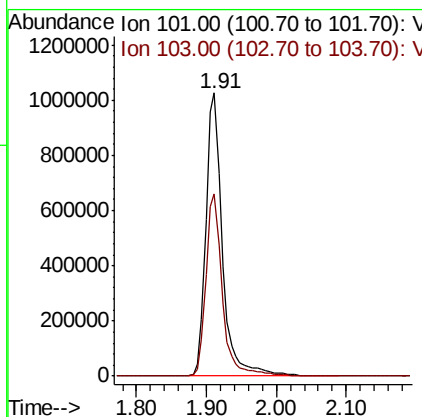
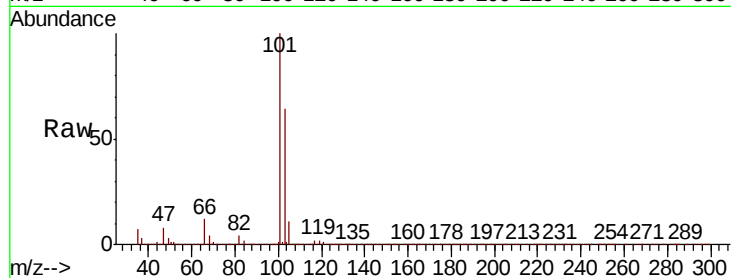
Trichlorofluoromethane
Concen: 152.090 ug/l
RT: 1.91 min Scan# 168
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.5	51.2	76.8

Manual Integrations
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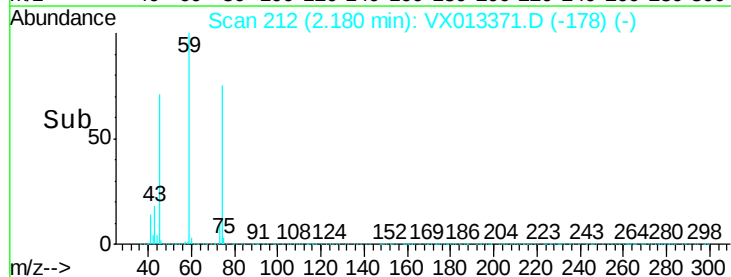
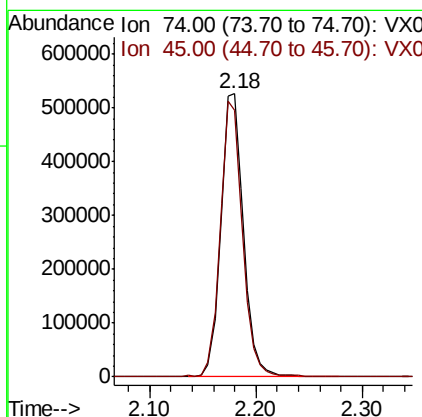
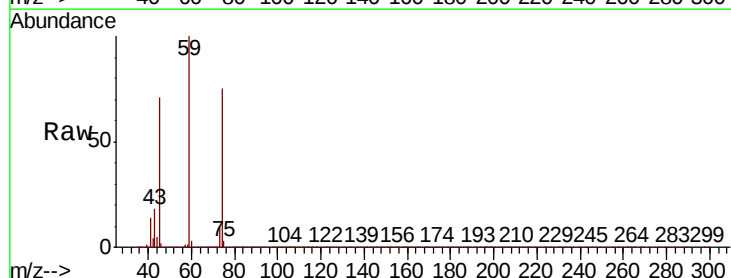
MMDadoda
11/12/2019 11:49:50 AM

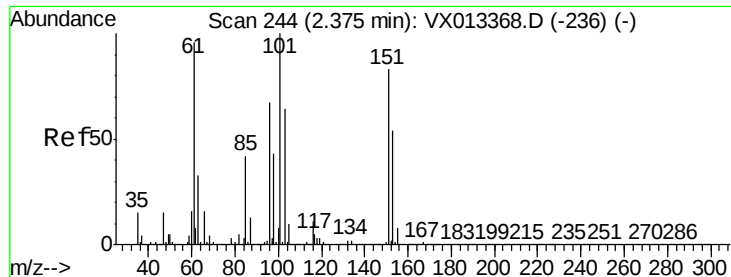


#8

Diethyl Ether
Concen: 193.285 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
74	100		
45	96.0	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.540 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

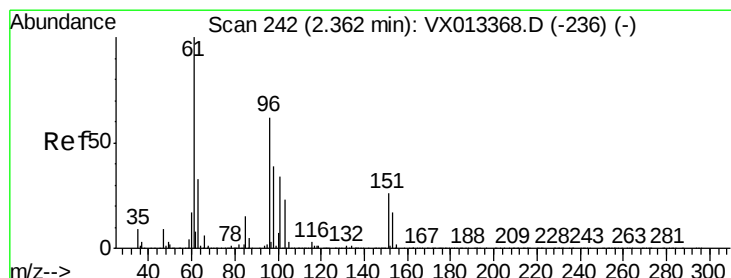
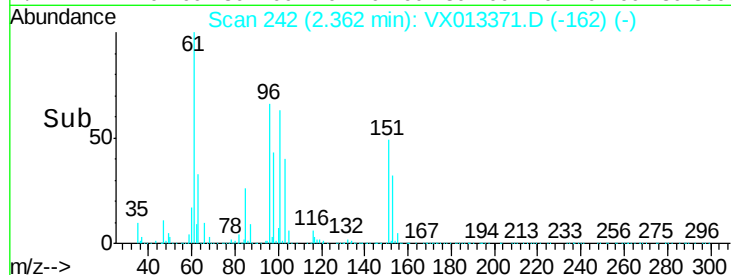
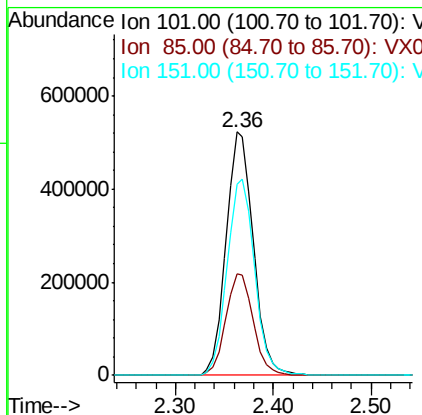
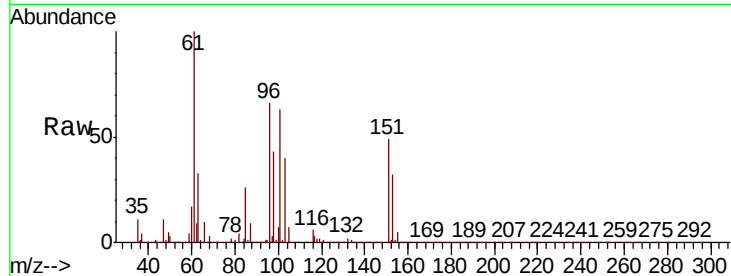
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	1009365
Ion Ratio	Lower	Upper	
101	100		
85	41.8	0.0	83.2
151	81.6	0.0	163.8

Manual Integrations
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11/12/2019 11:49:50 AM



#10

1,1-Dichloroethene

Concen: 159.990 ug/l

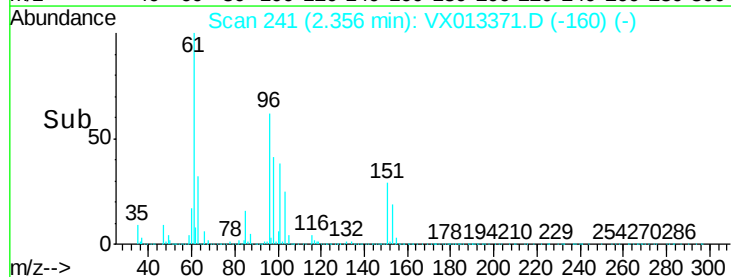
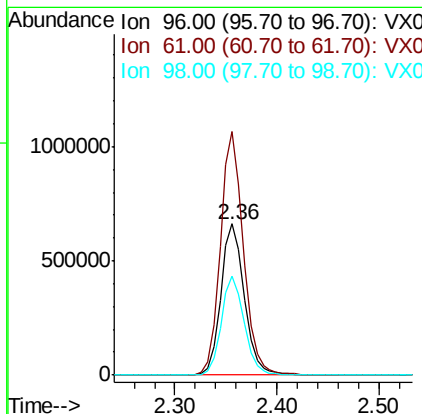
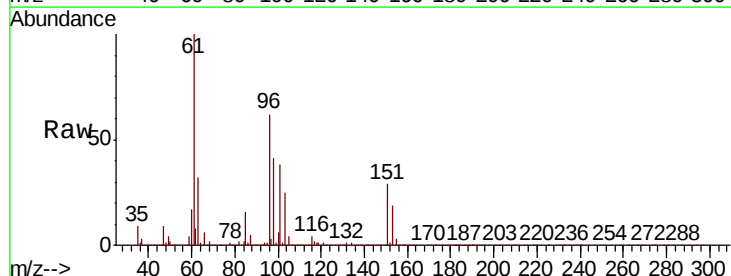
RT: 2.36 min Scan# 241

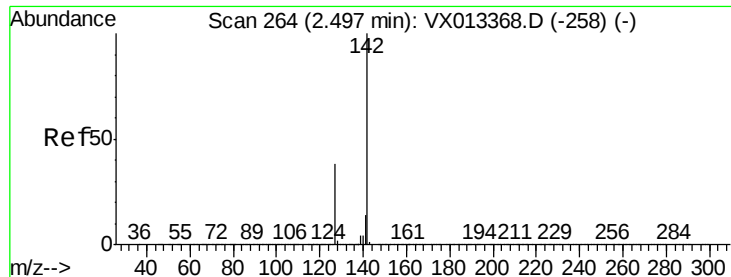
Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion:	96	Resp:	1053568
Ion Ratio	Lower	Upper	
96	100		
61	160.9	128.9	193.3
98	65.8	49.7	74.5





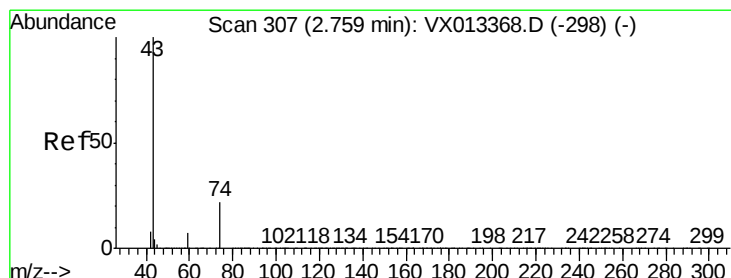
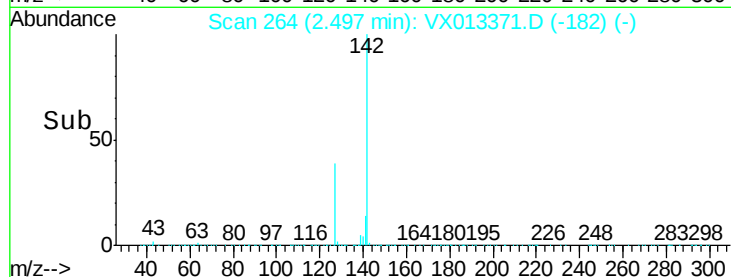
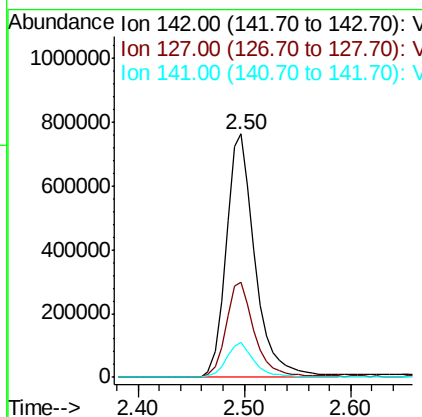
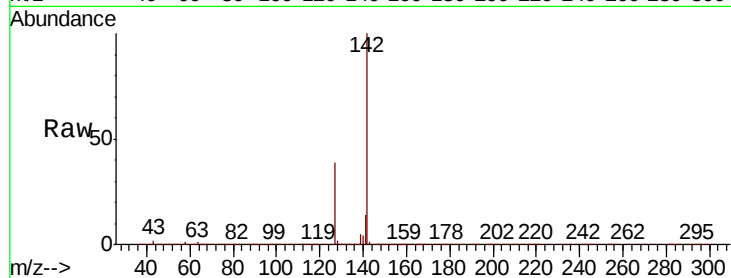
#11
Methyl Iodide
Concen: 172.547 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	38.8	19.1	57.5
141	14.3	7.0	21.0

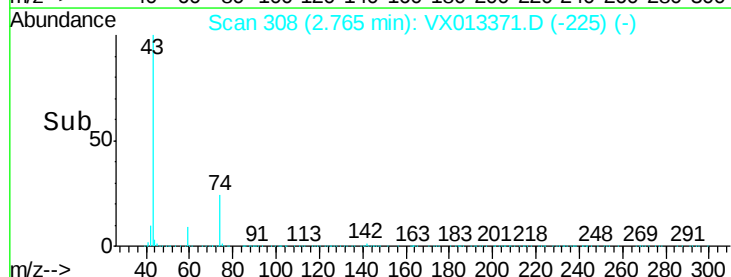
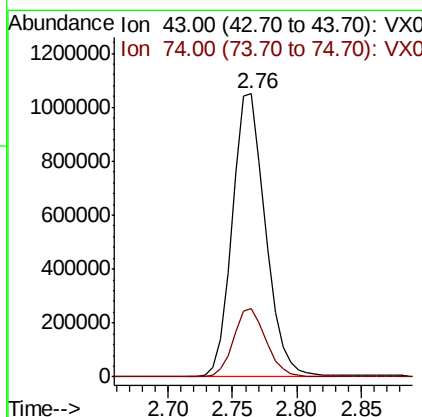
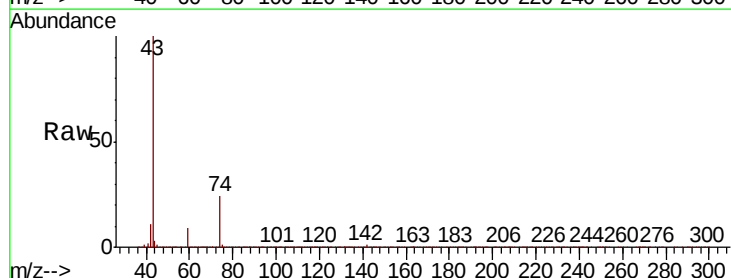
Manual Integrations
APPROVED

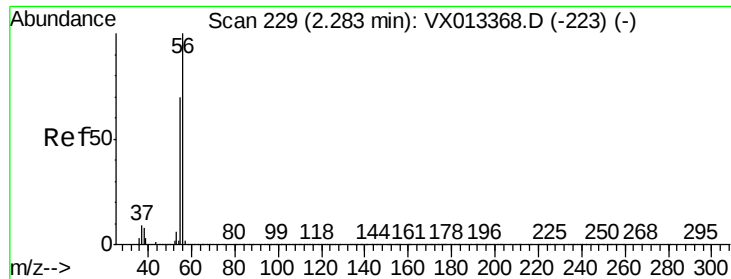
MMDadoda
11/12/2019 11:49:50 AM



#12
Methyl Acetate
Concen: 207.882 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.1	18.0	27.0





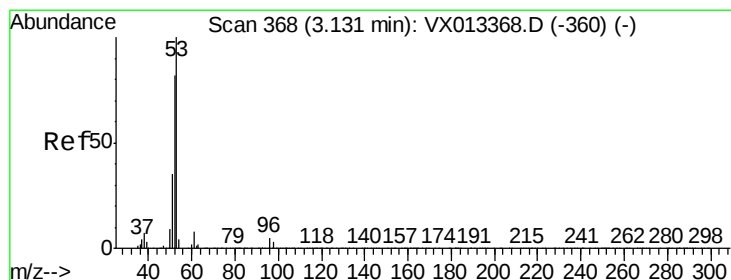
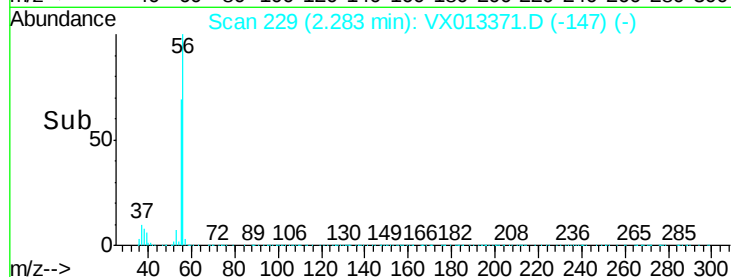
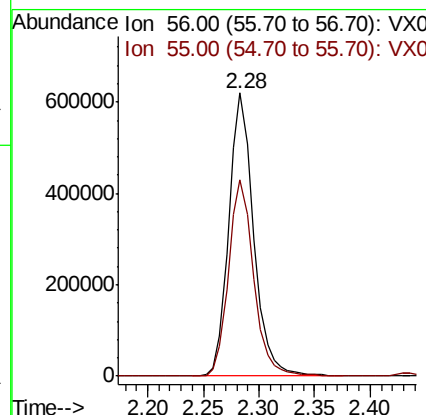
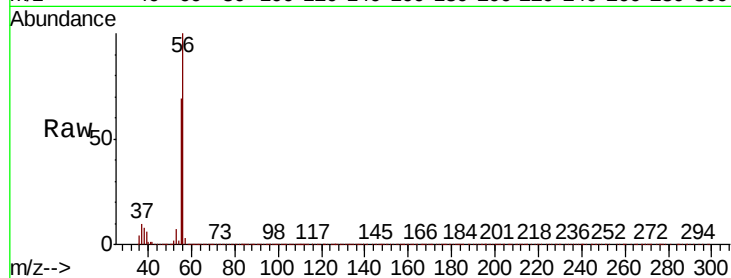
#13
Acrolein
Concen: 767.282 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
56	100		
55	70.4	55.8	83.8

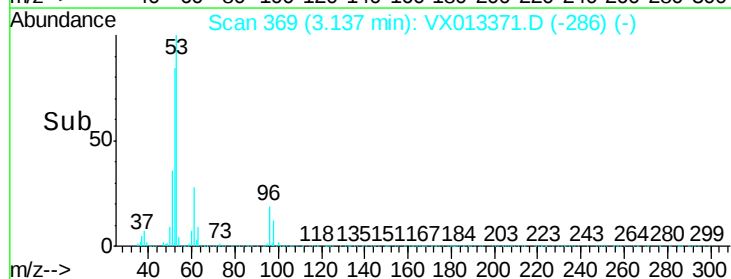
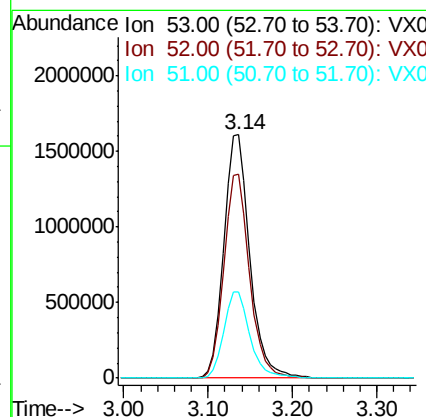
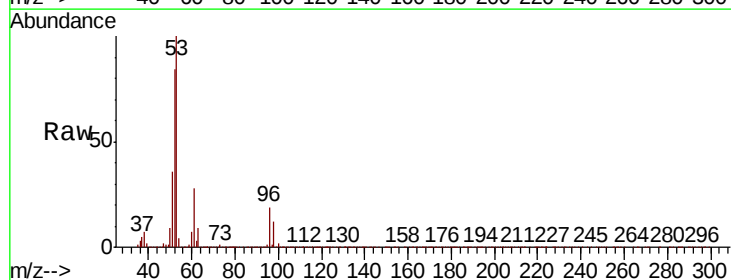
Manual Integrations
APPROVED

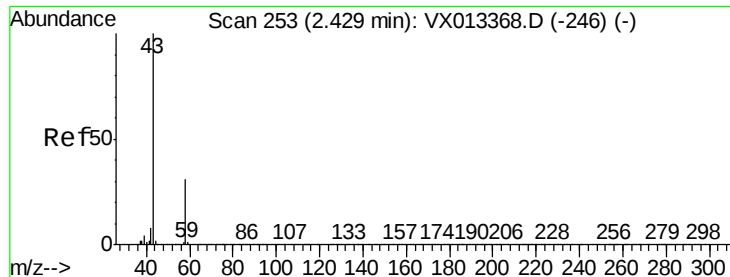
MMDadoda
11/12/2019 11:49:50 AM



#14
Acrylonitrile
Concen: 929.720 ug/l
RT: 3.14 min Scan# 369
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
53	100		
52	83.4	41.0	123.0
51	36.0	17.3	51.9





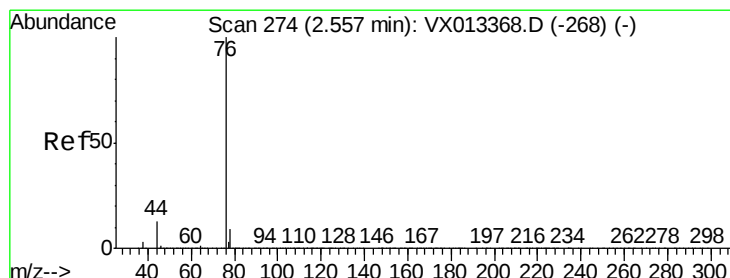
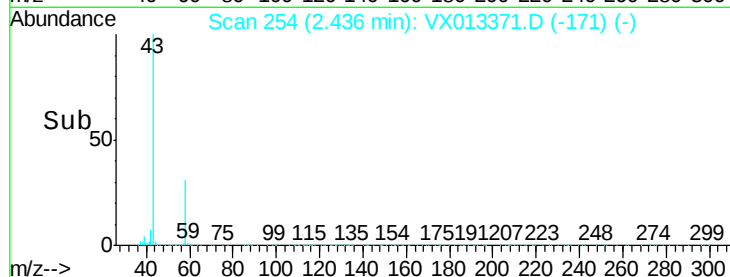
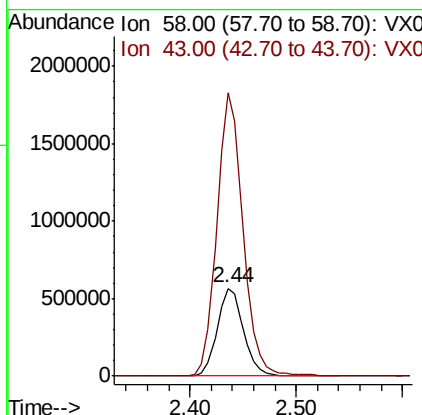
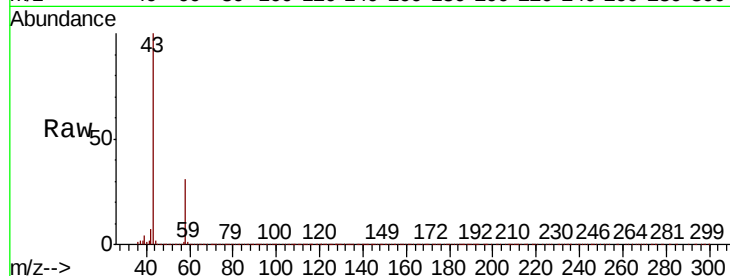
#15
Acetone
Concen: 800.382 ug/l
RT: 2.44 min Scan# 254
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
58	100		
43	321.5	261.4	392.2

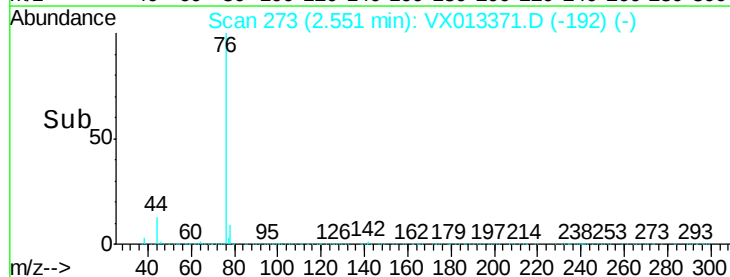
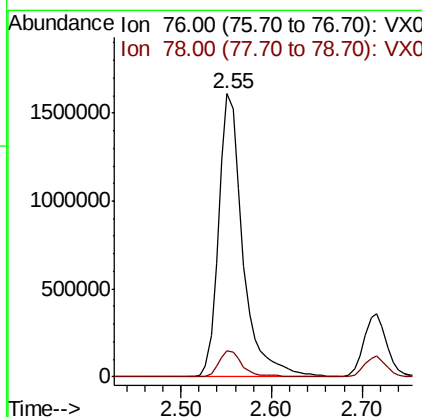
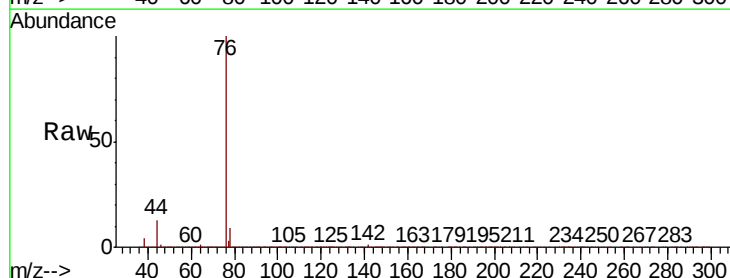
Manual Integrations
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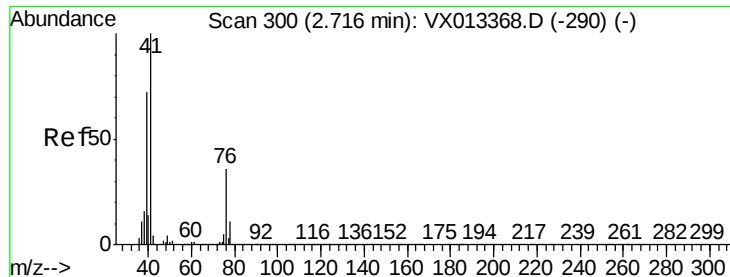
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#16
Carbon Disulfide
Concen: 169.954 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0





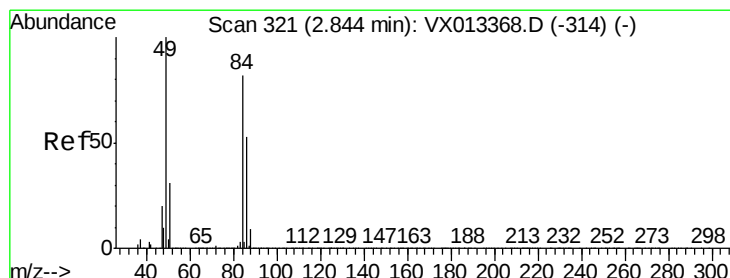
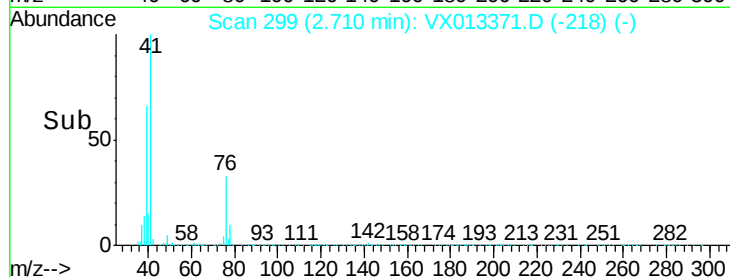
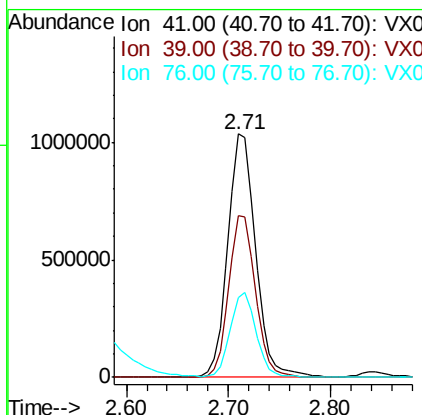
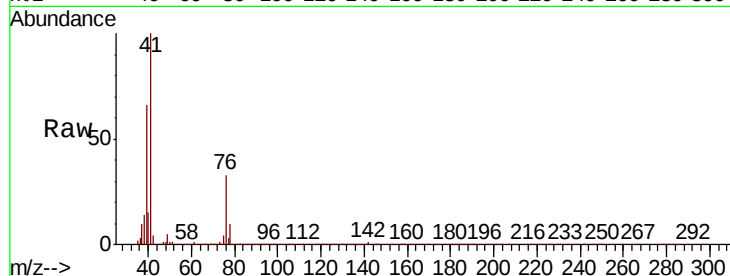
#17
Allvl chloride
Concen: 180.463 ug/l
RT: 2.71 min Scan# 299
Delta R.T. -0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	66.2	36.1	108.3
76	32.9	18.1	54.4

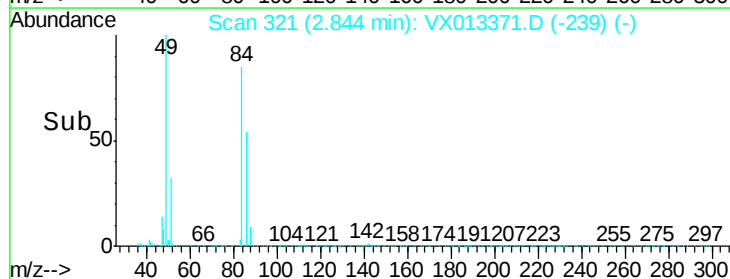
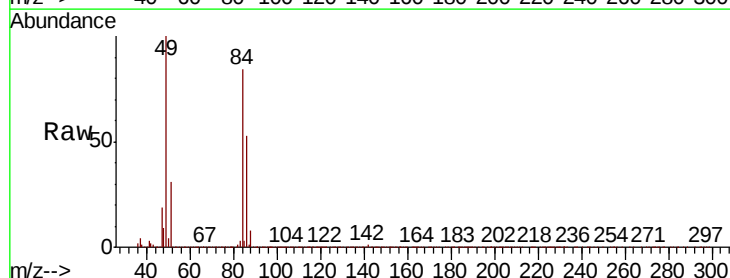
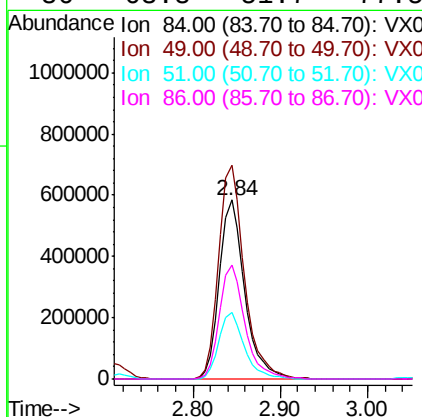
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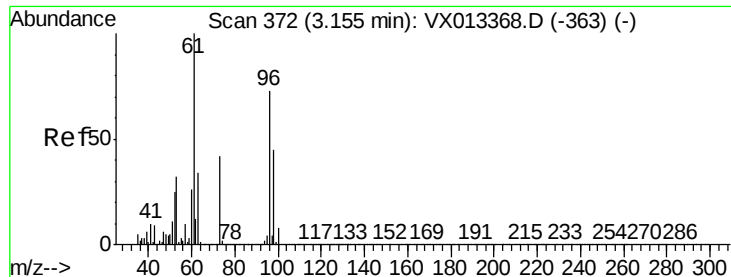
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11/12/2019 11:49:50 AM



#18
Methylene Chloride
Concen: 154.727 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.4	96.8	145.2
51	37.0	30.0	45.0
86	63.8	51.7	77.5





#19

trans-1,2-Dichloroethene

Concen: 160.912 ug/l

RT: 3.15 min Scan# 371

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 1123694

Ion Ratio Lower Upper

96 100

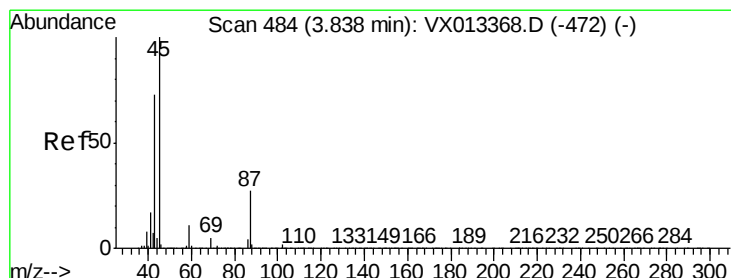
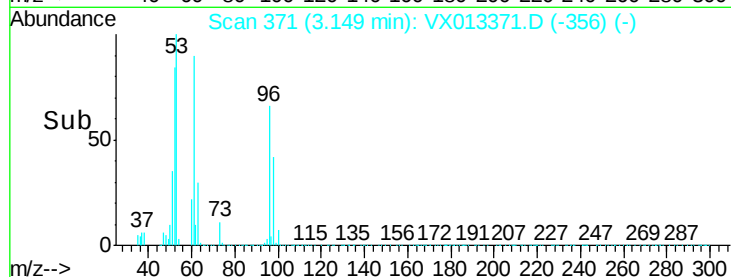
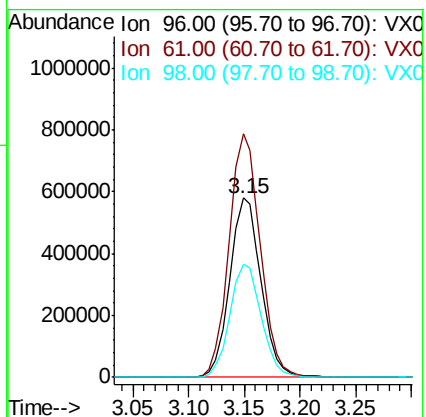
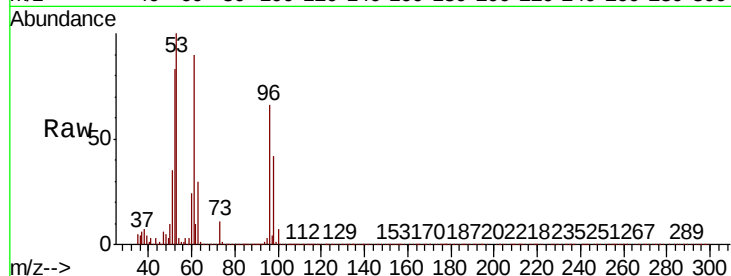
61 136.0 109.9 164.9

98 63.5 49.7 74.5

Manual Integrations
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#20

Diisopropyl ether

Concen: 178.018 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion: 45 Resp: 3694902

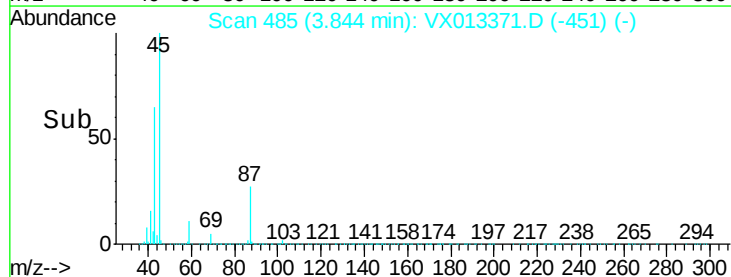
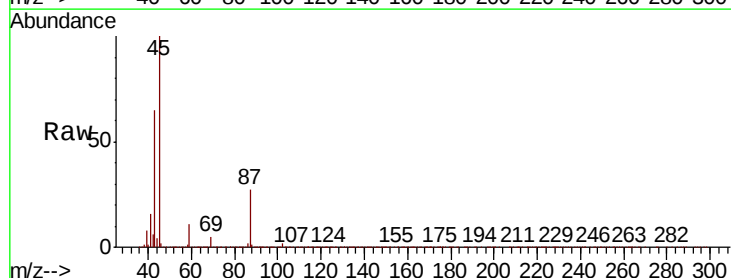
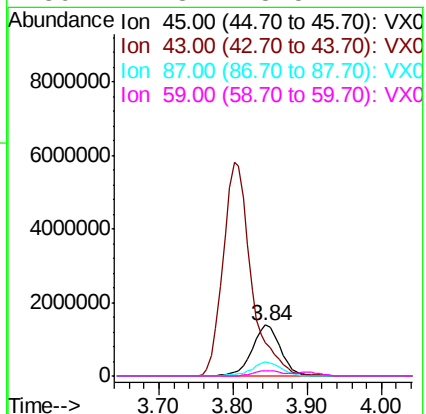
Ion Ratio Lower Upper

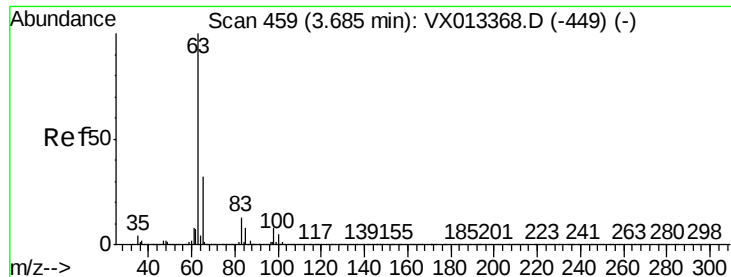
45 100

43 65.4 67.7 101.5#

87 27.1 21.5 32.3

59 11.3 8.5 12.7





#21

1,1-Dichloroethane

Concen: 162.752 ug/l

RT: 3.68 min Scan# 458

Delta R.T. -0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

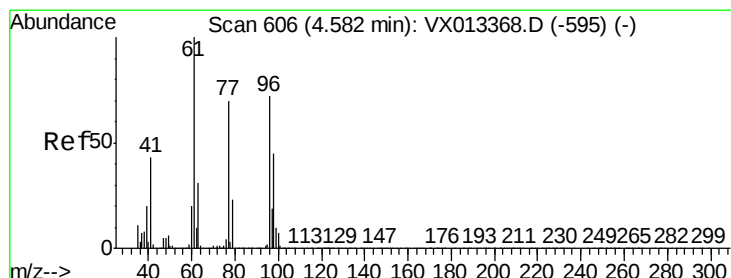
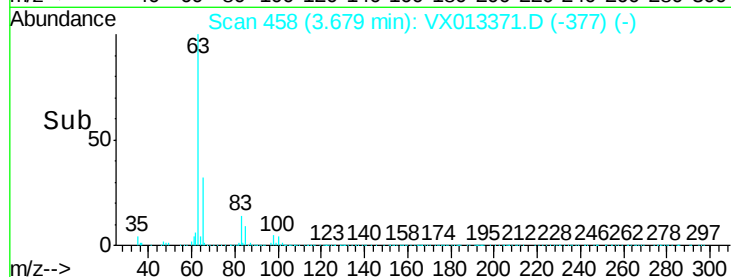
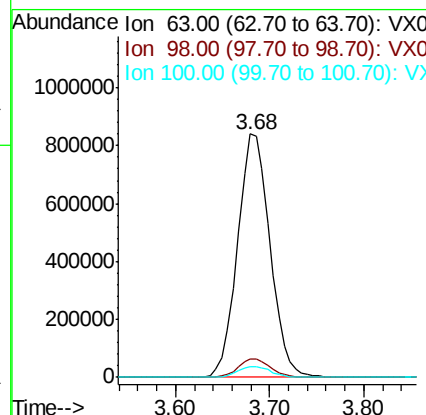
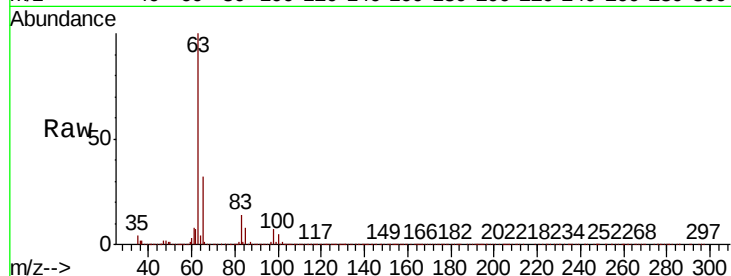
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
98	7.3	4.0	11.9
100	4.6	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 161.645 ug/l

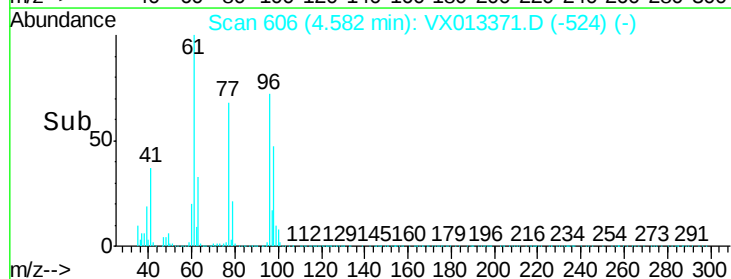
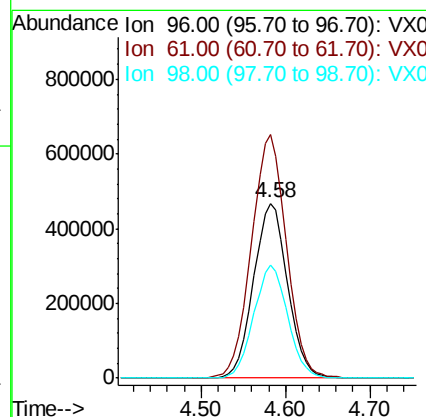
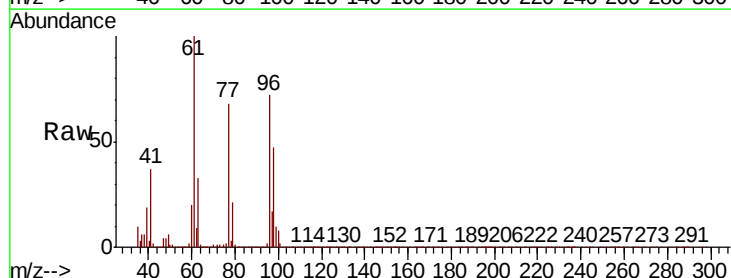
RT: 4.58 min Scan# 606

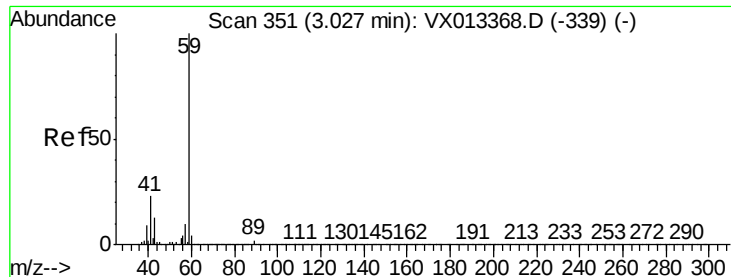
Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	143.3	117.0	175.6
98	64.6	51.1	76.7





#23

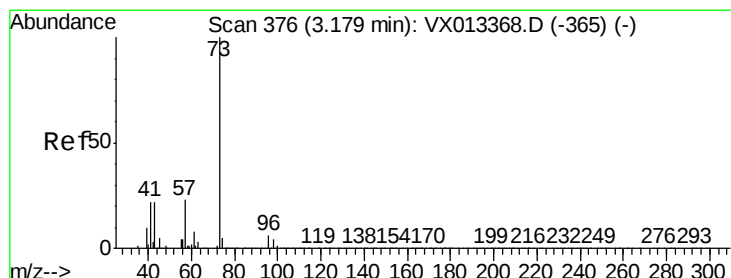
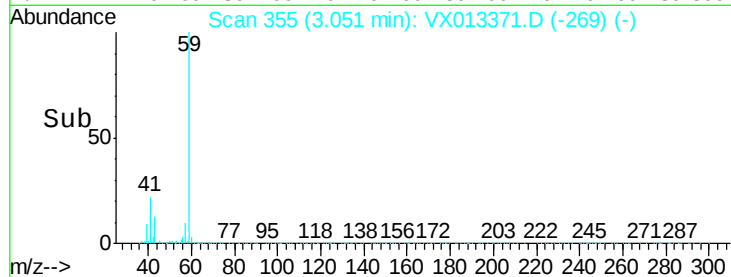
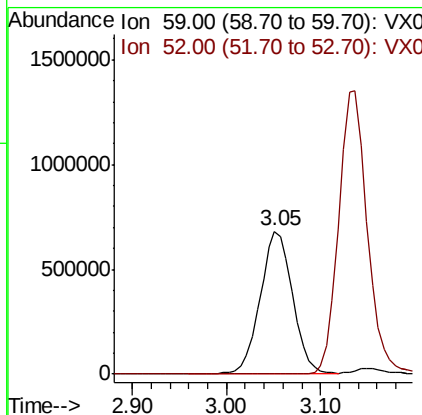
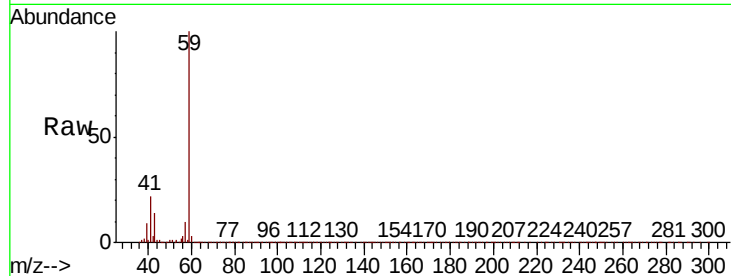
tert-Butyl Alcohol
Concen: 875.774 ug/l
RT: 3.05 min Scan# 355
Delta R.T. 0.02 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.1	0.1	0.1

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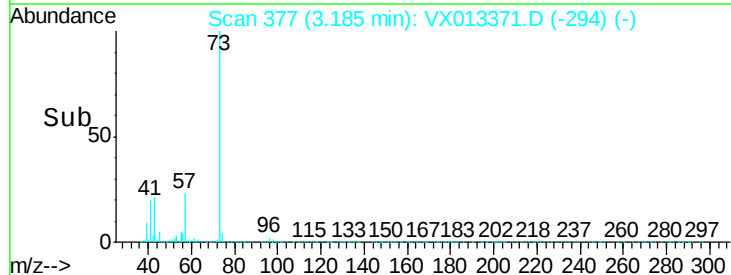
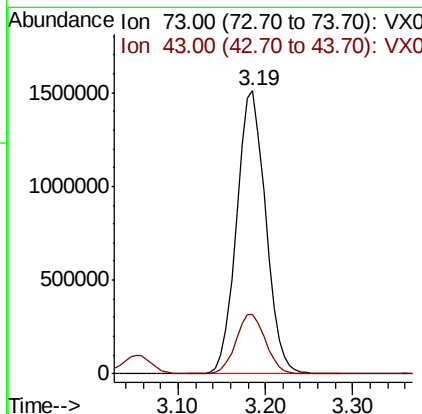
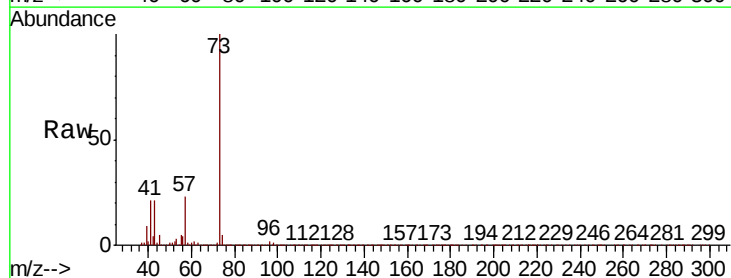
MMDadoda
11/12/2019 11:49:50 AM

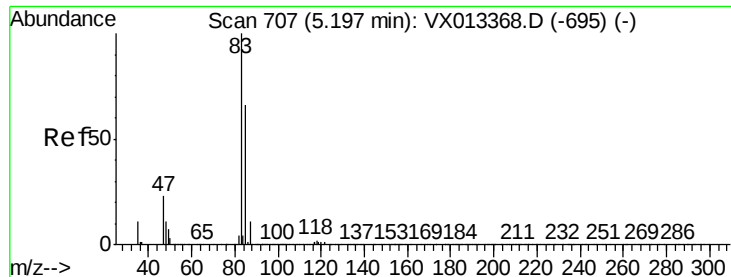


#24

Methyl tert-Butyl Ether
Concen: 154.451 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.4	17.0	25.6





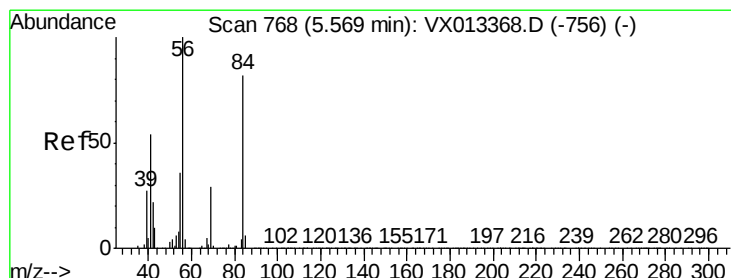
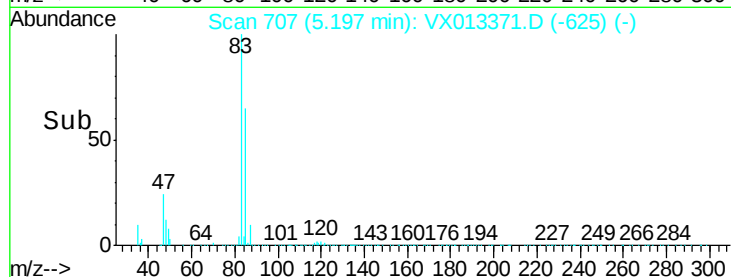
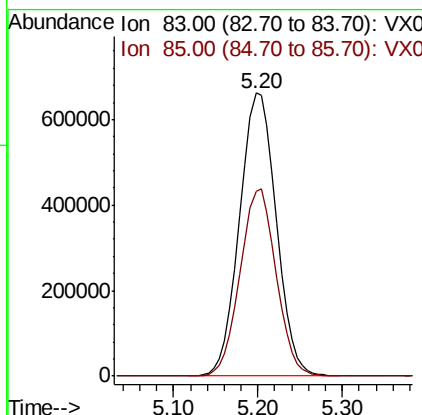
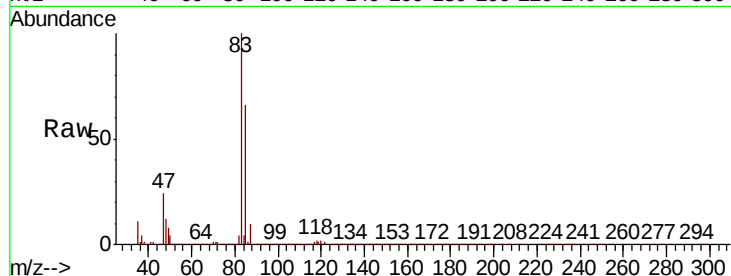
#25
Chloroform
Concen: 152.398 ug/l
RT: 5.20 min Scan# 707
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 83 Resp: 1954752
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6

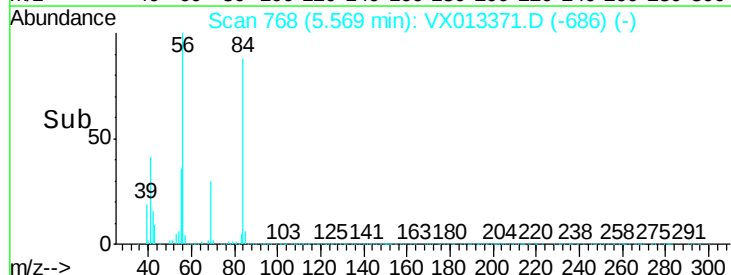
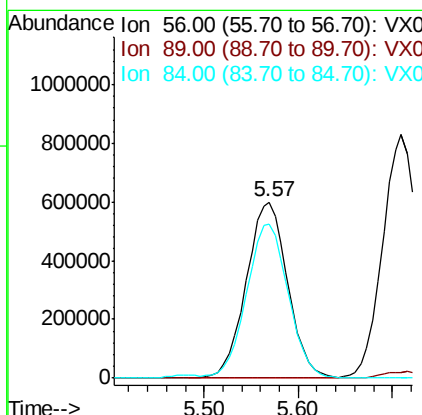
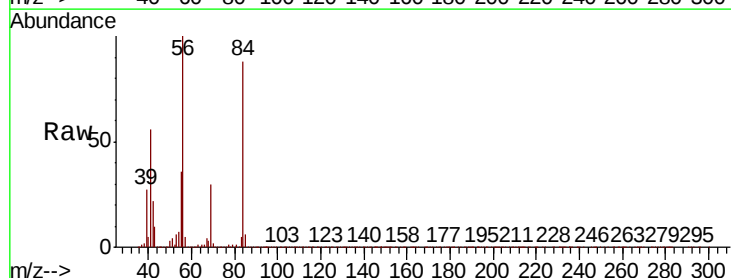
Manual Integrations
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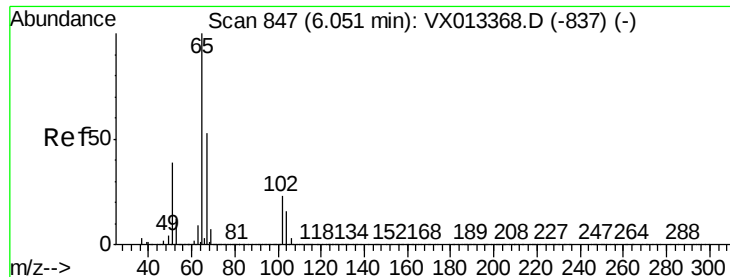
MMDadoda
11/12/2019 11:49:50 AM



#26
Cyclohexane
Concen: 167.463 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 56 Resp: 1829222
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0#
84 88.7 70.5 105.7





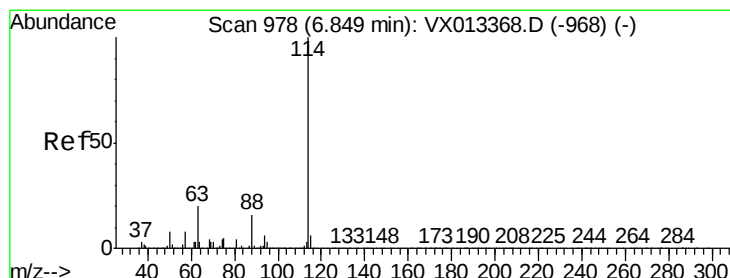
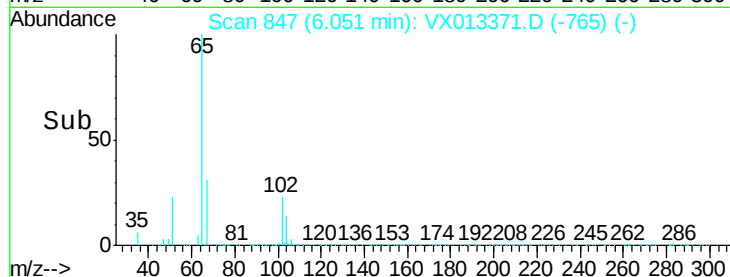
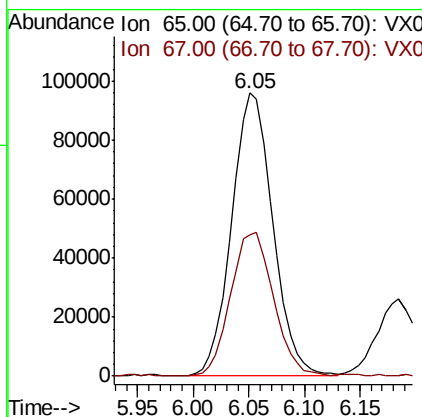
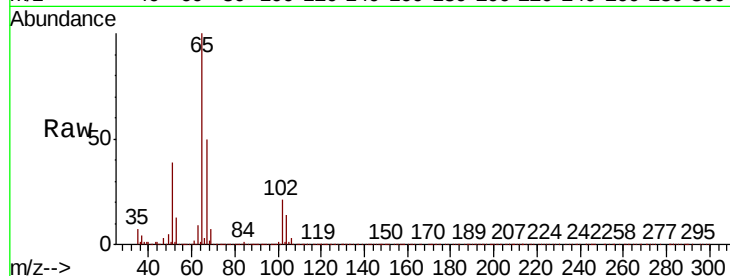
#27
 1,2-Dichloroethane-d4
 Concen: 29.195 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.8	41.0	61.6

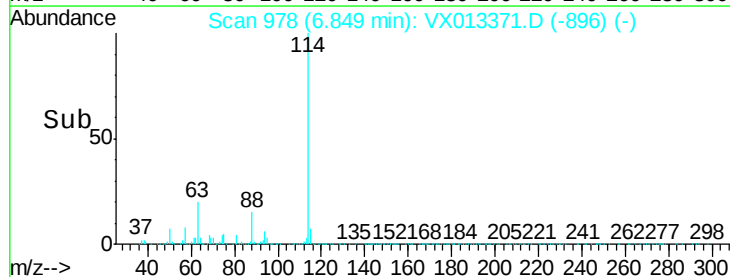
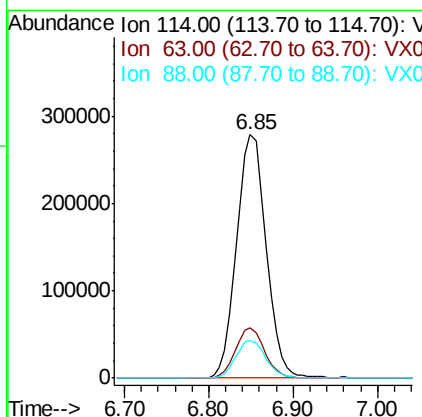
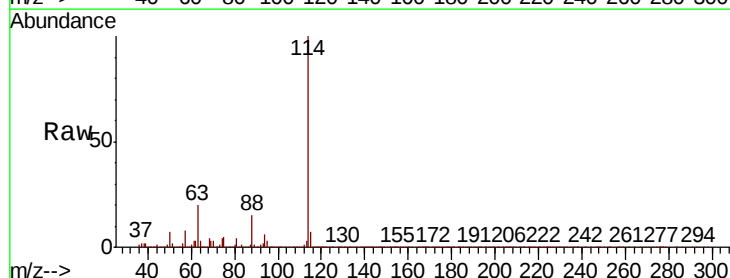
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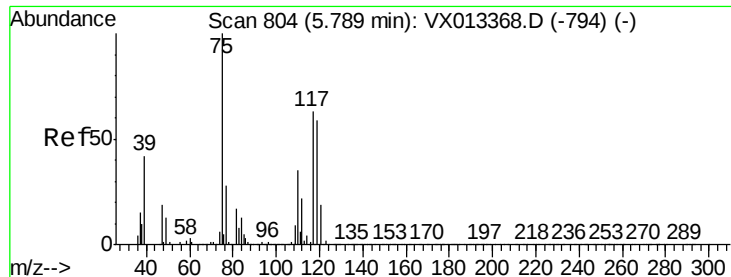
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.0	16.1	24.1
88	15.6	12.3	18.5





#29

1,1-Dichloropropene

Concen: 153.618 ug/l

RT: 5.79 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

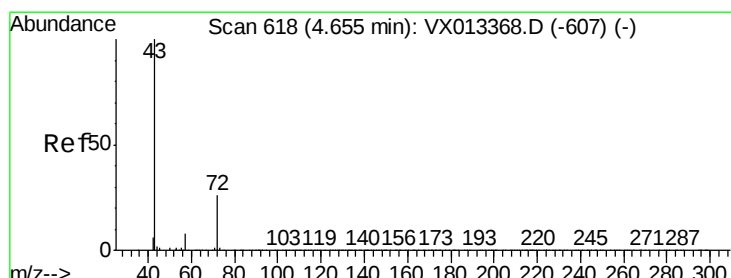
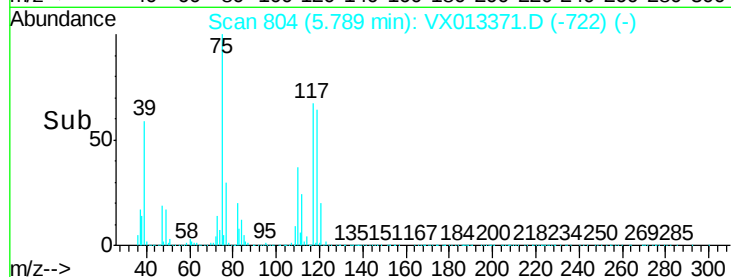
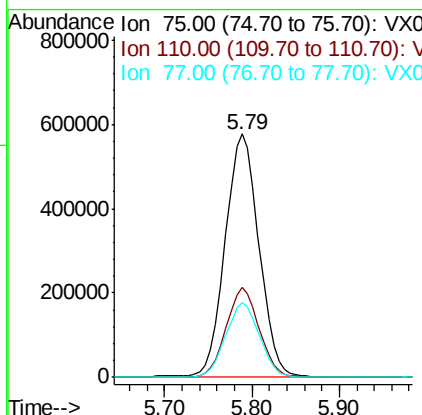
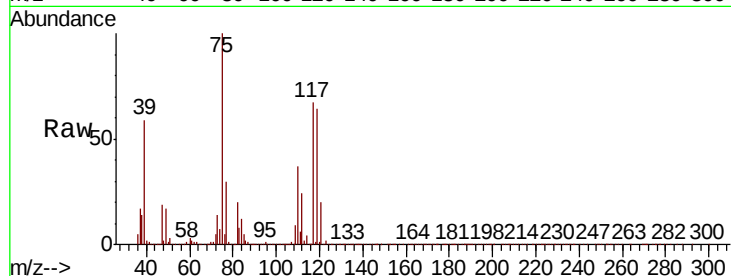
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	1549220
Ion	Ratio	Lower	Upper
75	100		
110	36.2	0.0	74.6
77	30.8	0.0	62.6

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#30

2-Butanone

Concen: 885.769 ug/l

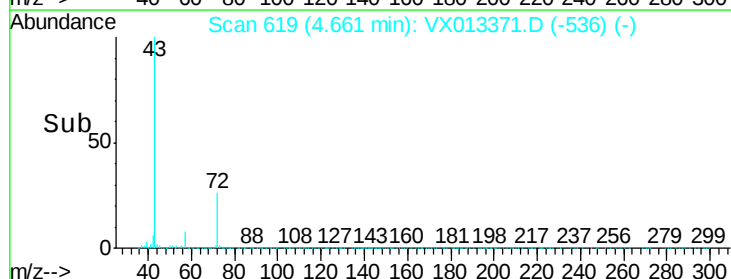
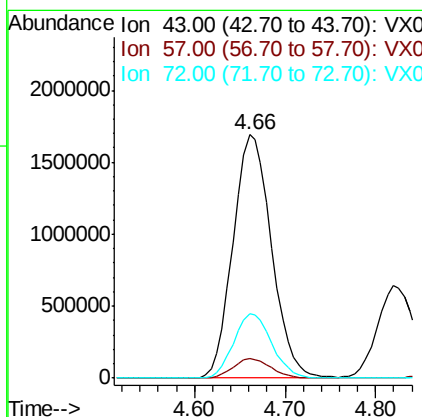
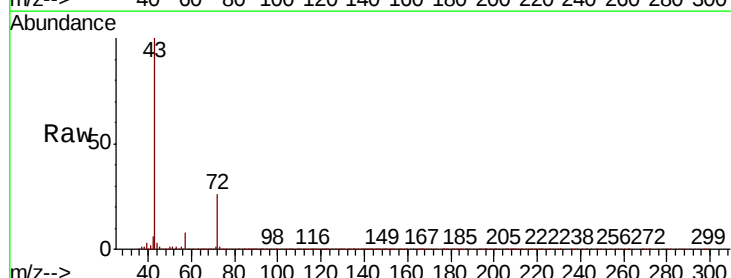
RT: 4.66 min Scan# 619

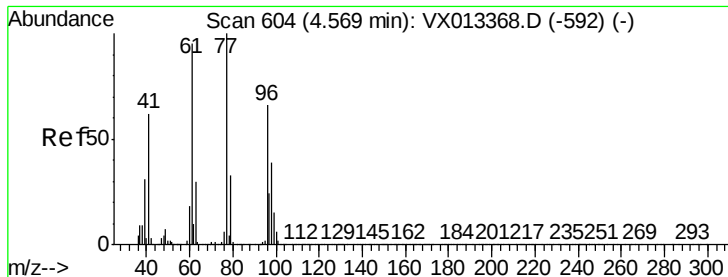
Delta R.T. 0.01 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion:	43	Resp:	4969498
Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.1	9.1
72	26.1	20.5	30.7





#31

2,2-Dichloropropane

Concen: 141.499 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 1646299

Ion Ratio Lower Upper

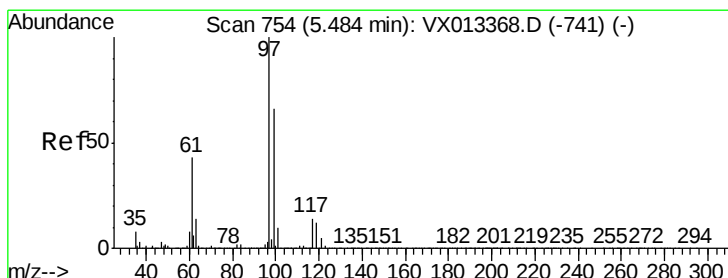
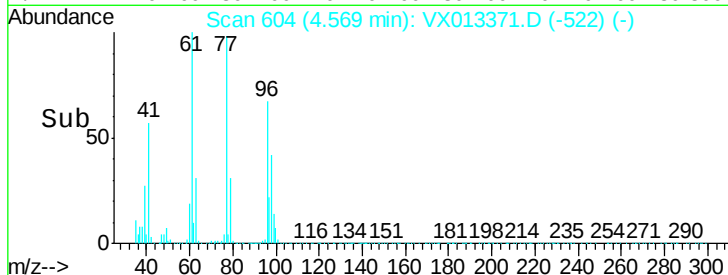
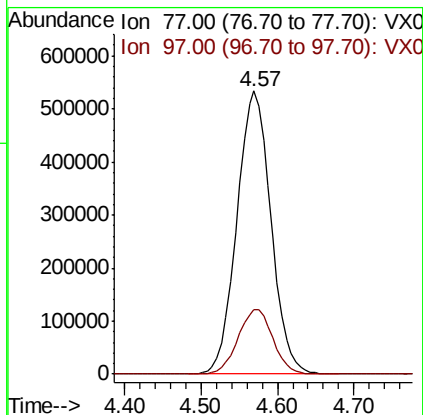
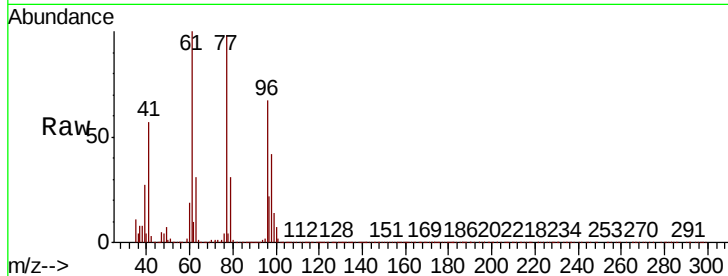
77 100

97 23.4 19.2 28.8

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#32

1,1,1-Trichloroethane

Concen: 141.369 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

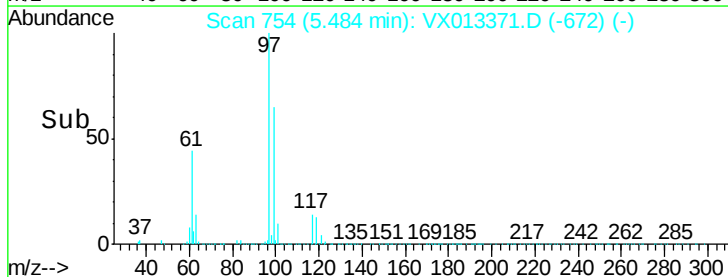
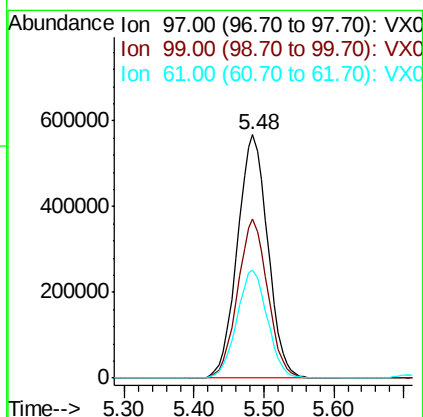
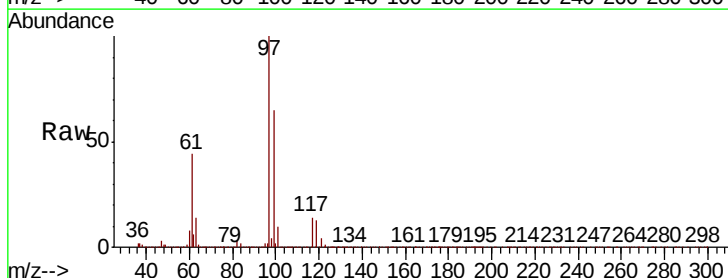
Tgt Ion: 97 Resp: 1712121

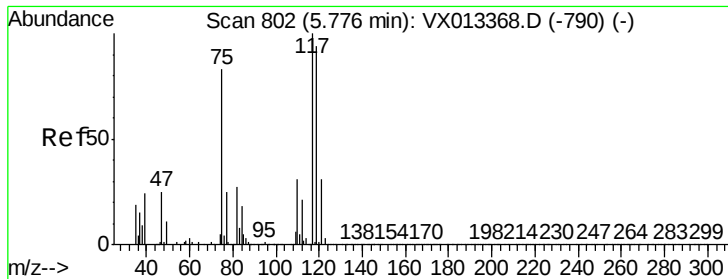
Ion Ratio Lower Upper

97 100

99 64.2 52.5 78.7

61 44.7 36.1 54.1





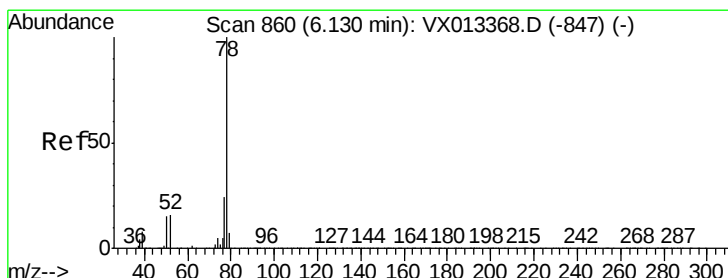
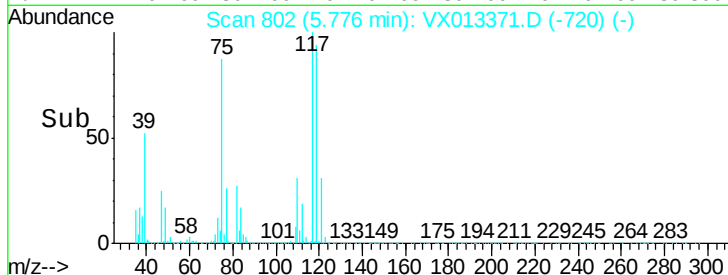
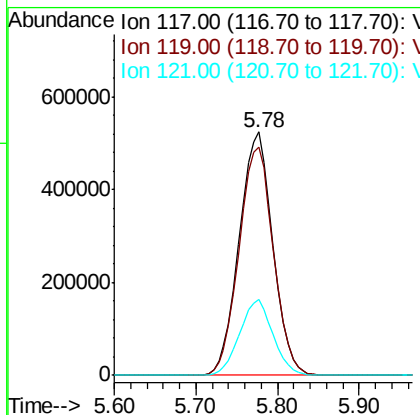
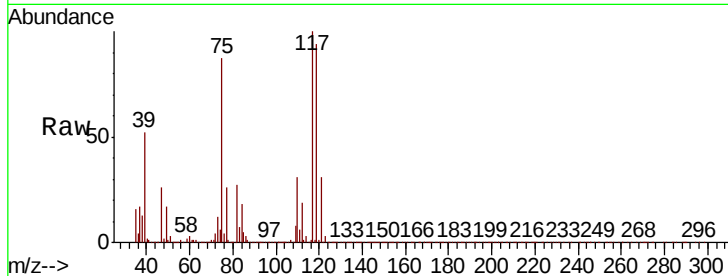
#33
Carbon Tetrachloride
Concen: 143.530 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.6
121	31.1	24.9	37.3

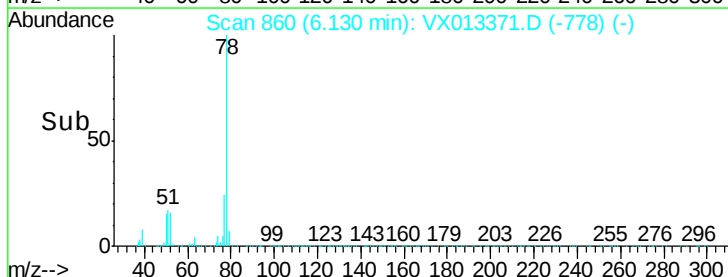
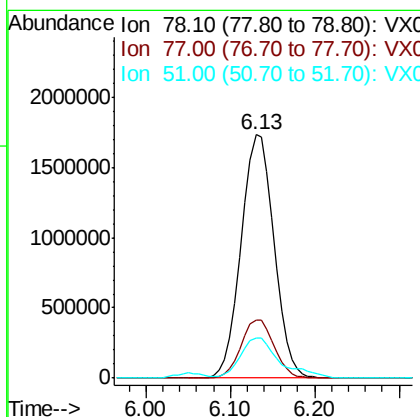
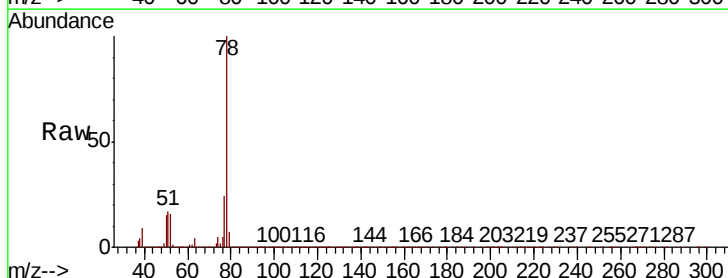
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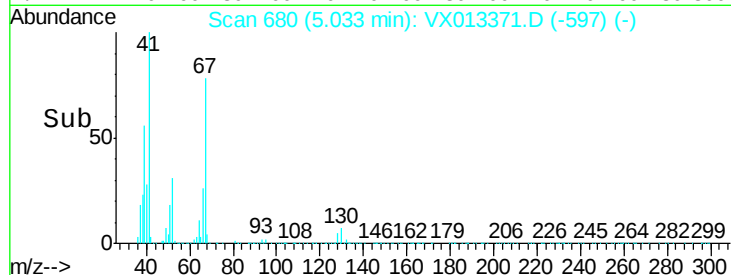
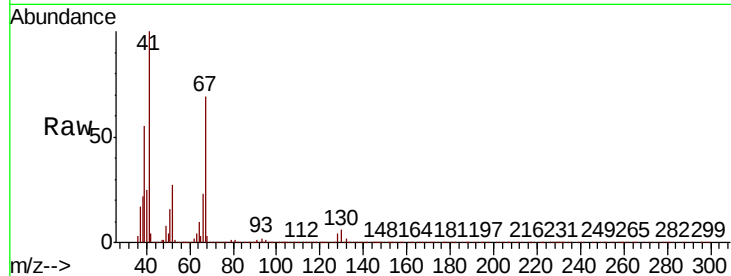
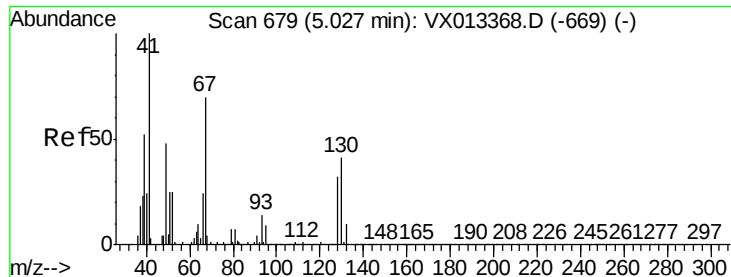
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#34
Benzene
Concen: 155.359 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

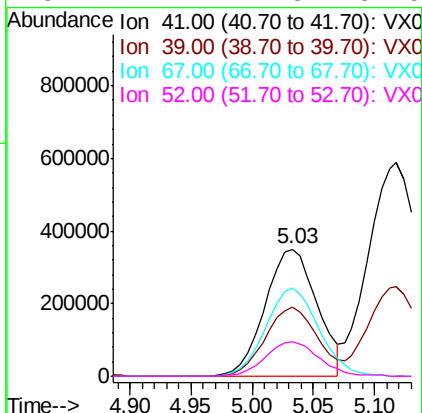
Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.3	28.9
51	16.4	12.2	18.4





#35
Methacrylonitrile
Concen: 180.482 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

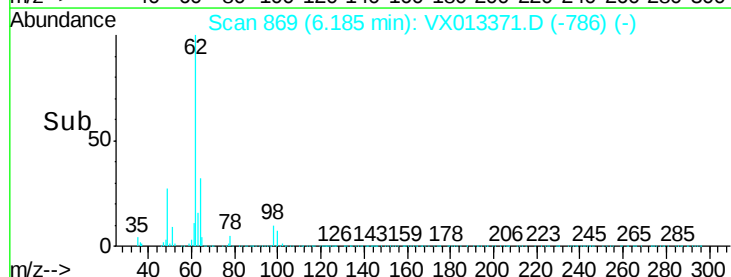
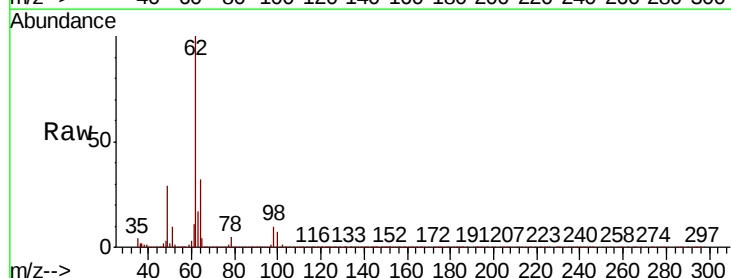
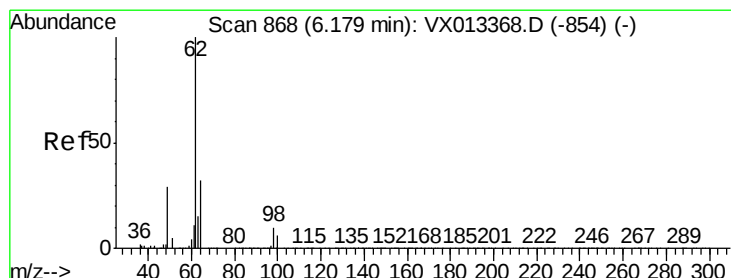
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.9	25.9	77.8	
67	69.2	35.1	105.5	
52	27.2	12.5	37.5	



Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

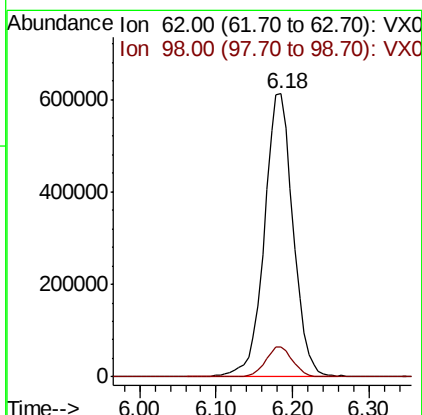
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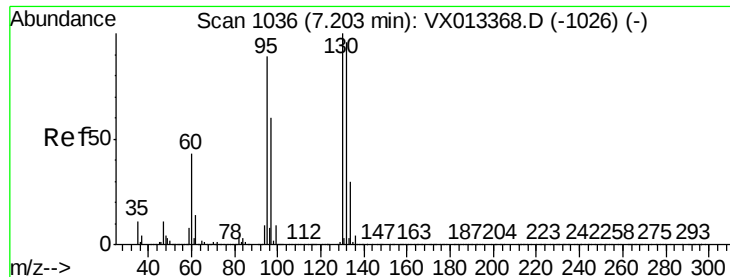
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#36
1,2-Dichloroethane
Concen: 145.694 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.2	8.2	12.2	





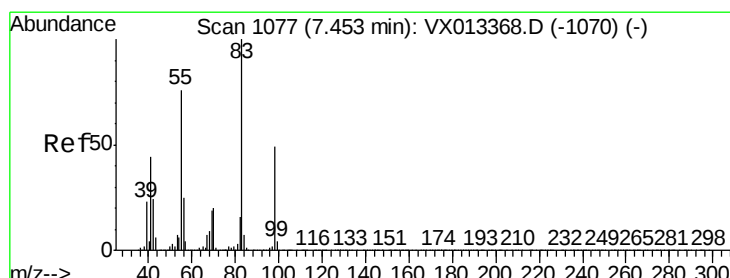
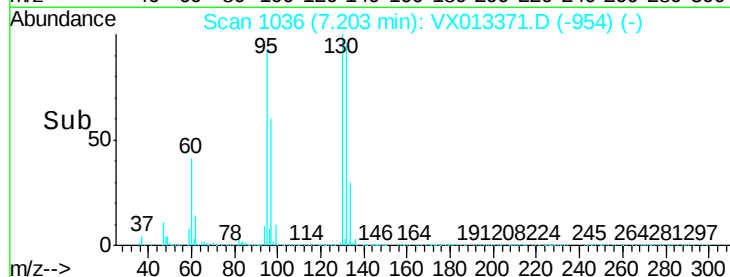
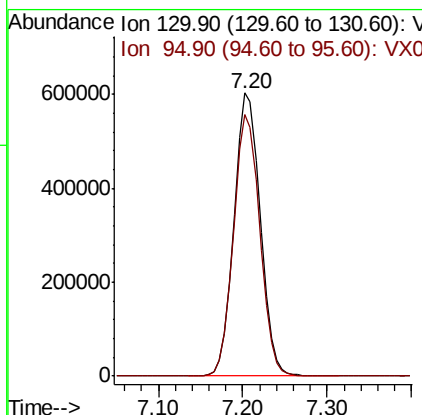
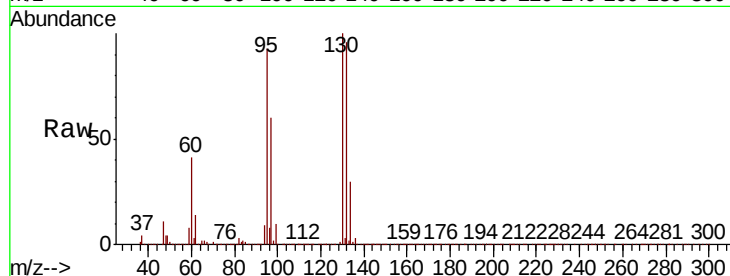
#37
 Trichloroethene
 Concen: 156.239 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:130 Resp: 1267598
 Ion Ratio Lower Upper
 130 100
 95 92.6 71.3 106.9

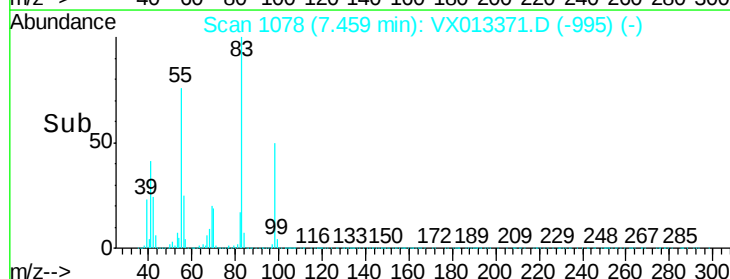
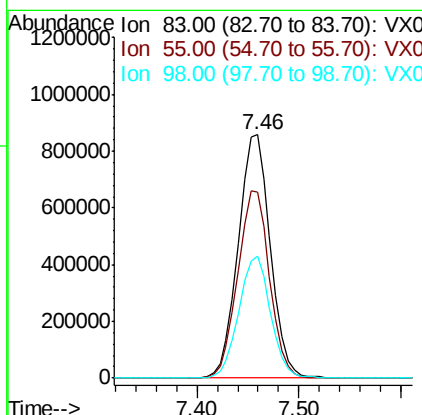
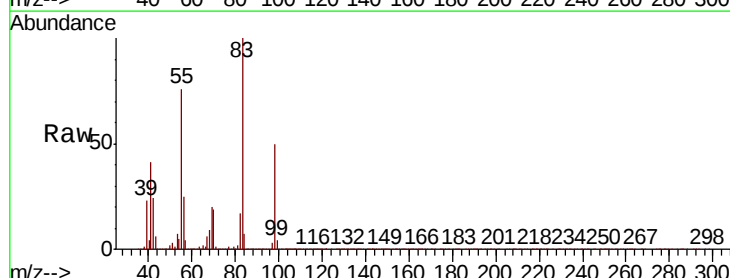
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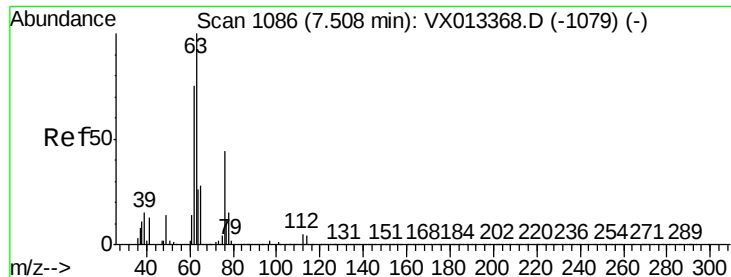
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#38
 Methylcyclohexane
 Concen: 150.806 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.01 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 83 Resp: 1874857
 Ion Ratio Lower Upper
 83 100
 55 76.5 37.9 113.7
 98 49.7 25.1 75.3





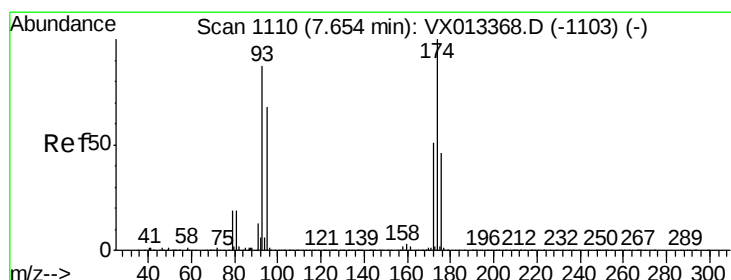
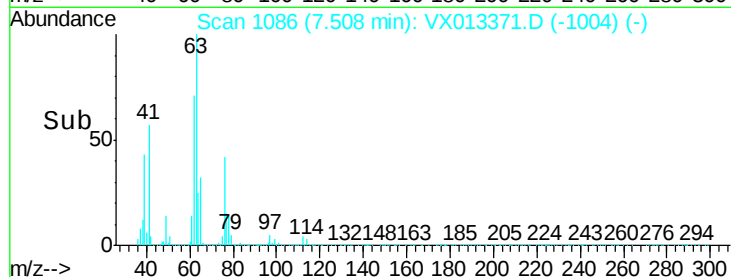
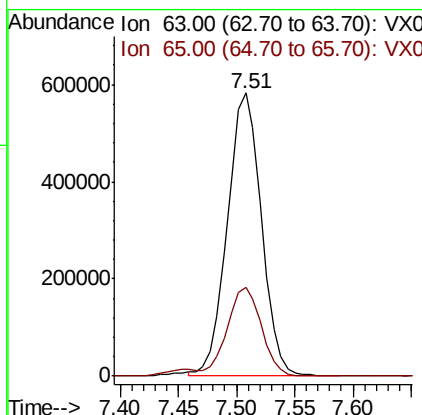
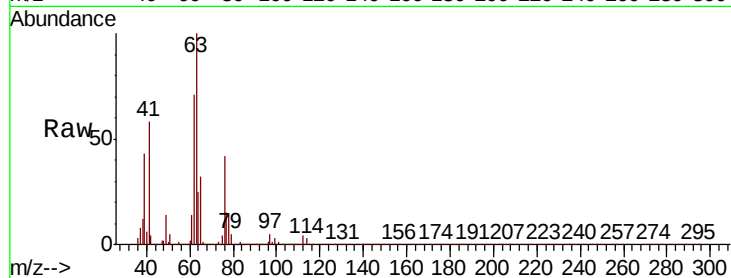
#39
 1,2-Dichloropropane
 Concen: 161.422 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 1178744
 Ion Ratio Lower Upper
 63 100
 65 31.5 23.8 35.8

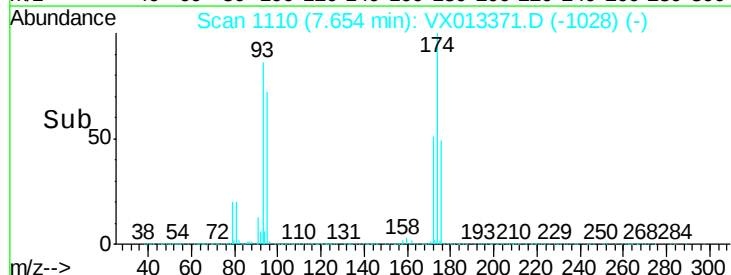
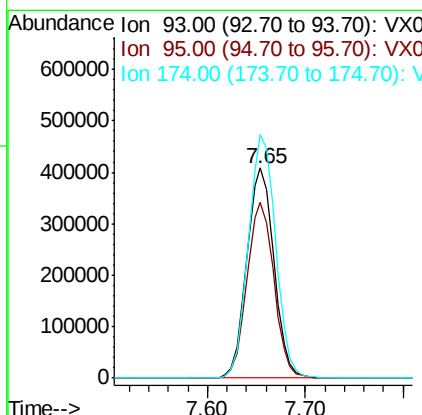
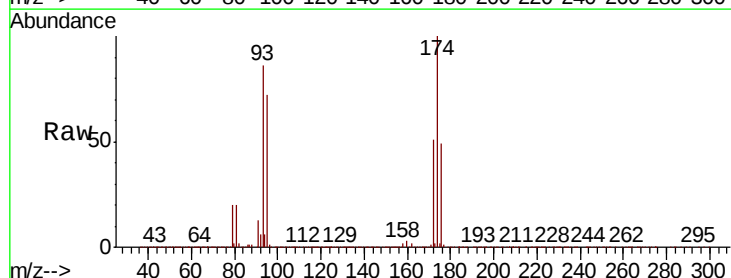
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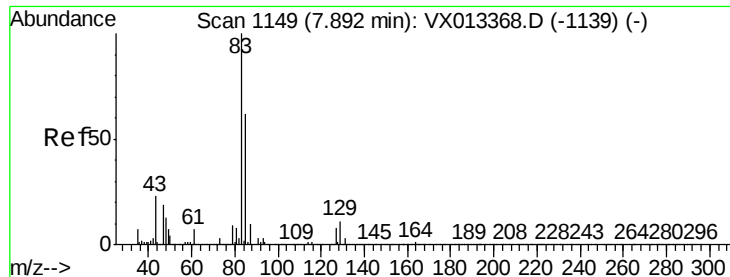
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#40
 Dibromomethane
 Concen: 153.320 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion: 93 Resp: 789135
 Ion Ratio Lower Upper
 93 100
 95 82.9 0.0 160.8
 174 116.1 0.0 228.8





#41

Bromodichloromethane

Concen: 153.875 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1593370

Ion Ratio Lower Upper

83 100

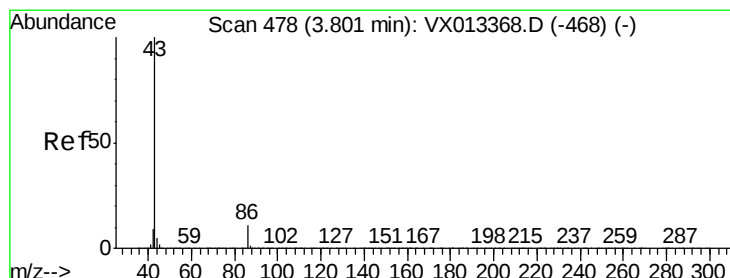
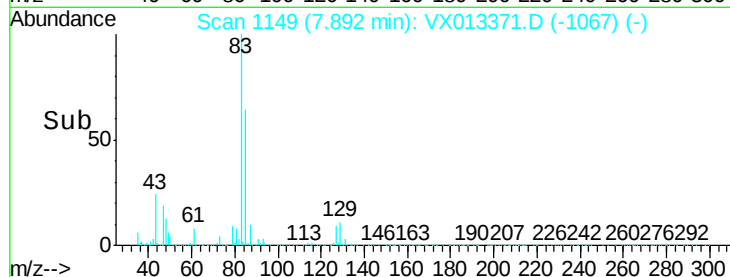
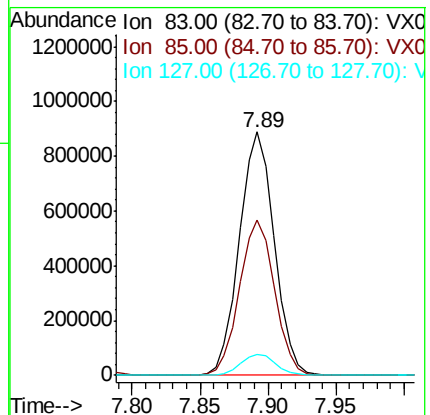
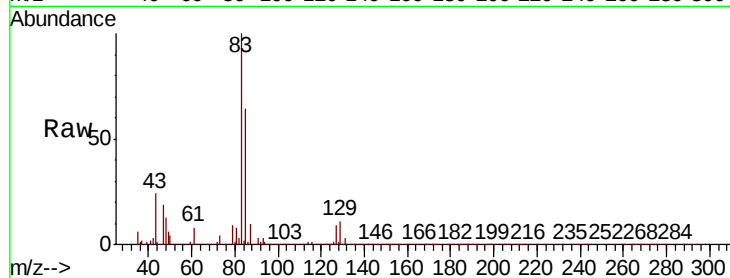
85 64.0 49.3 73.9

127 8.6 6.6 10.0

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#42

Vinyl Acetate

Concen: 814.983 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX013371.D

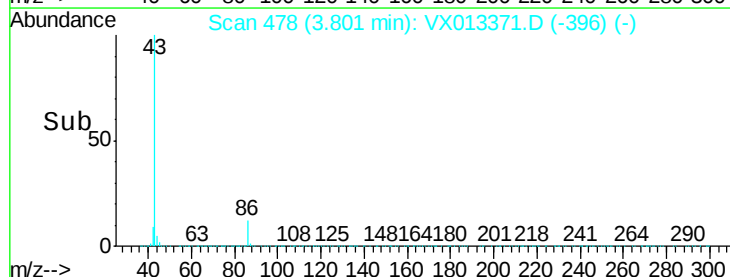
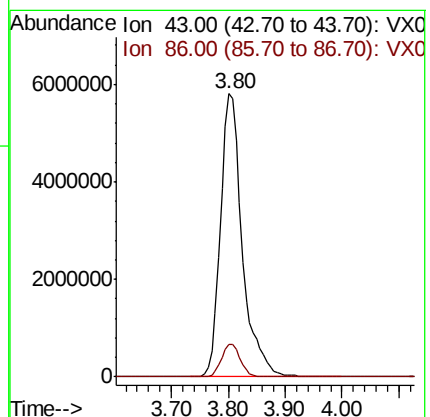
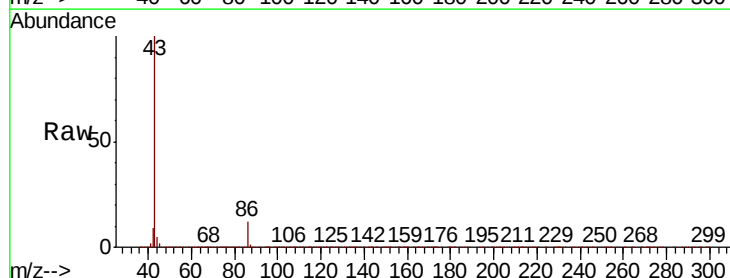
Acq: 11 Nov 2019 18:02

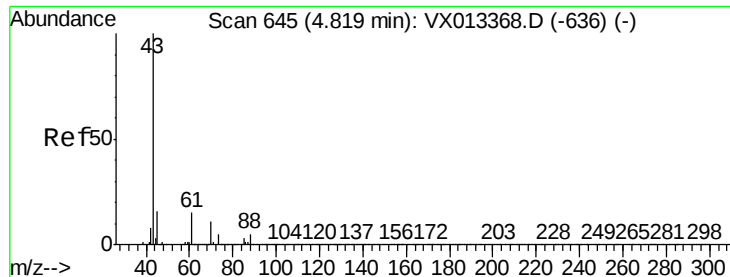
Tgt Ion: 43 Resp: 15429228

Ion Ratio Lower Upper

43 100

86 10.0 7.6 11.4





#43

Ethyl Acetate

Concen: 182.131 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1869431

Ion Ratio Lower Upper

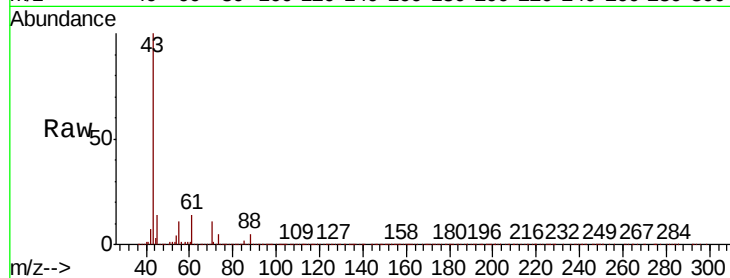
43 100

45 14.6 10.9 16.3

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

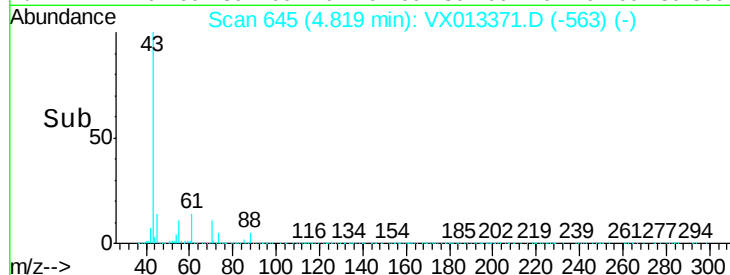
1500000

1000000

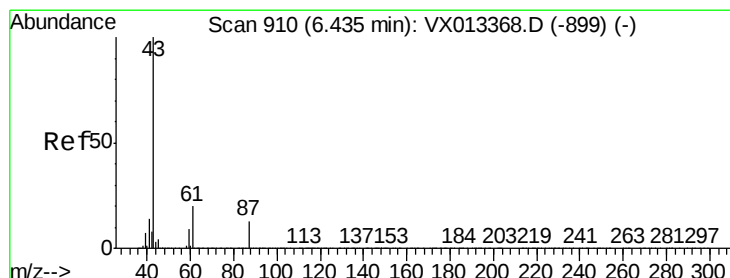
500000

0

4.70 4.80 4.90 5.00



Time-->



#44

Isopropyl Acetate

Concen: 180.528 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.00 min

Lab File: VX013371.D

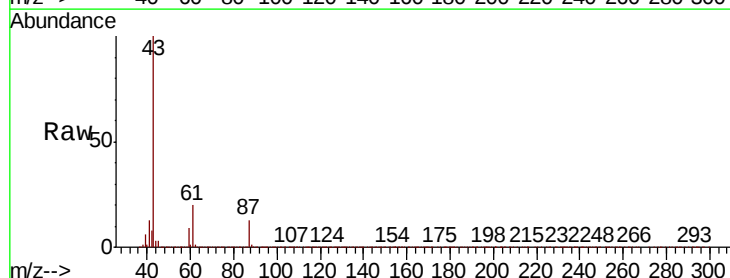
Acq: 11 Nov 2019 18:02

Tgt Ion: 43 Resp: 3044927

Ion Ratio Lower Upper

43 100

61 20.4 15.8 23.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

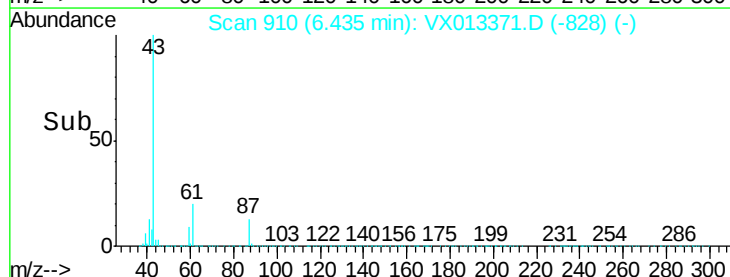
Ion 61.00 (60.70 to 61.70): VX0

1000000

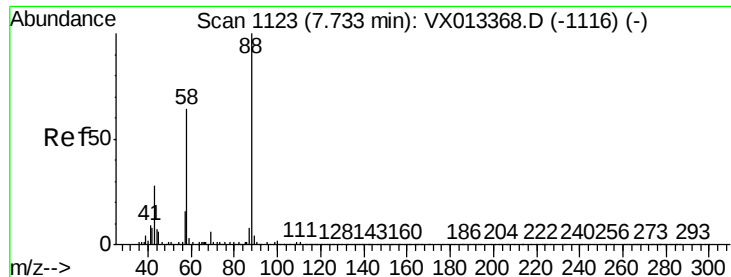
500000

0

6.30 6.40 6.50 6.60



Time-->



#45

1,4-Dioxane

Concen: 3313.096 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

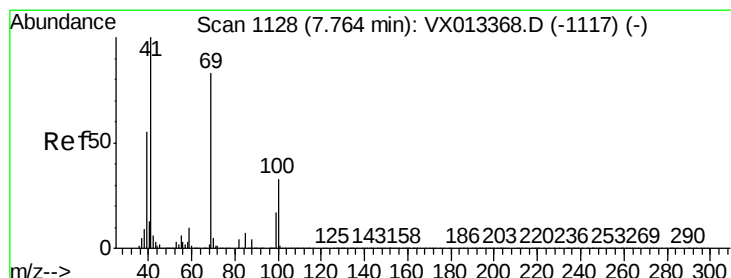
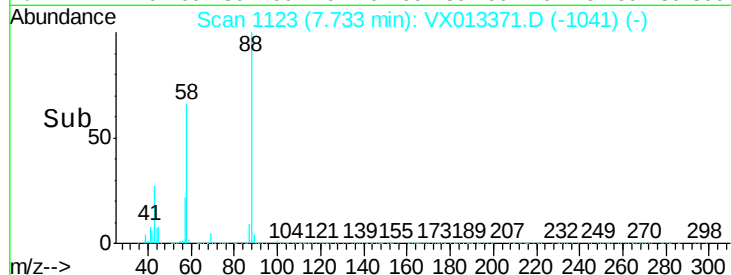
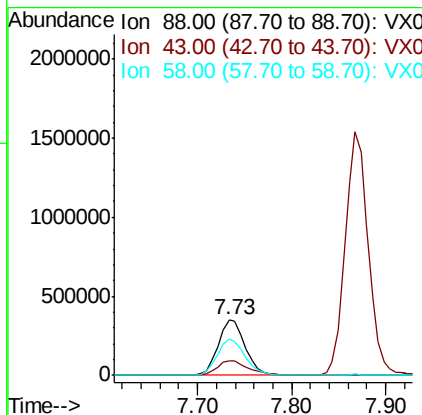
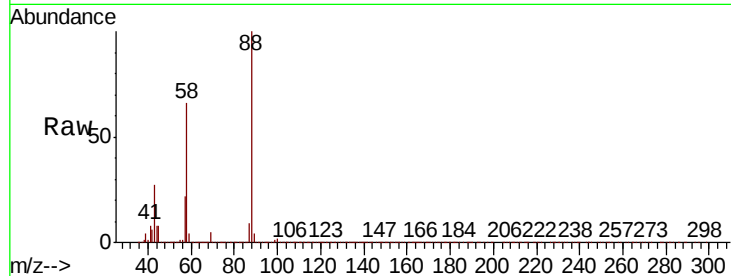
ClientSampleId :

VSTDIC150

Tot Ion	88	Resp	683360
Ion Ratio	Lower	Upper	
88	100		
43	31.4	26.1	39.1
58	68.4	55.8	83.8

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#46

Methyl methacrylate

Concen: 184.928 ug/l

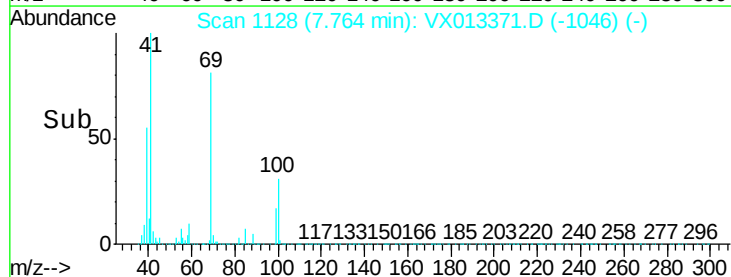
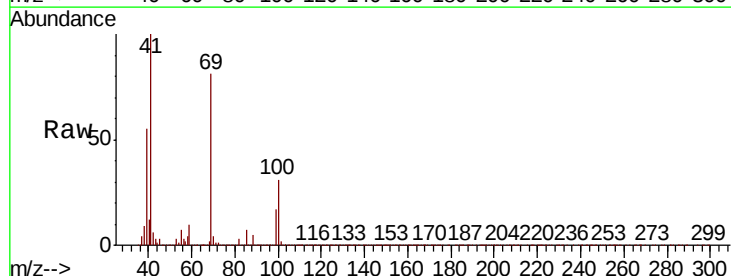
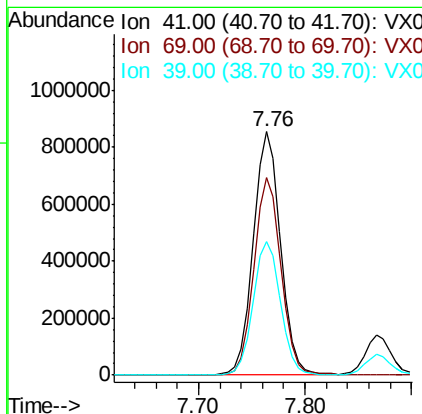
RT: 7.76 min Scan# 1128

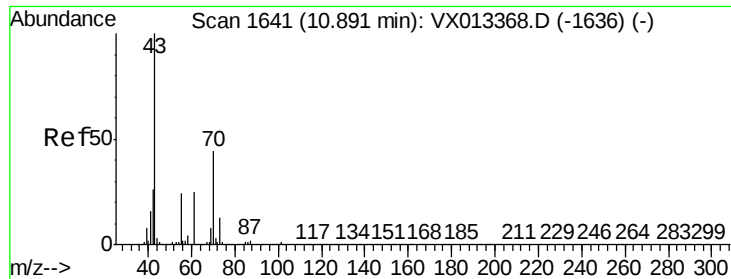
Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion	41	Resp	1535472
Ion Ratio	Lower	Upper	
41	100		
69	81.4	41.4	124.4
39	54.9	27.9	83.6





#47

n-amvl Acetate

Concen: 194.773 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2809568

Ion Ratio Lower Upper

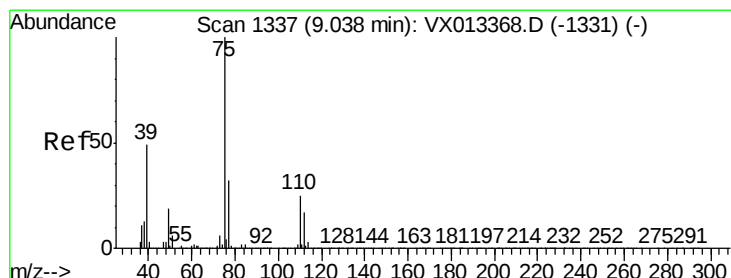
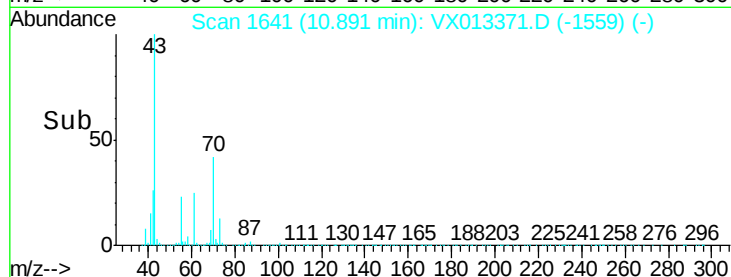
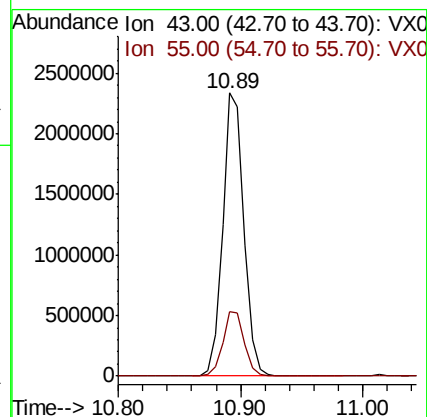
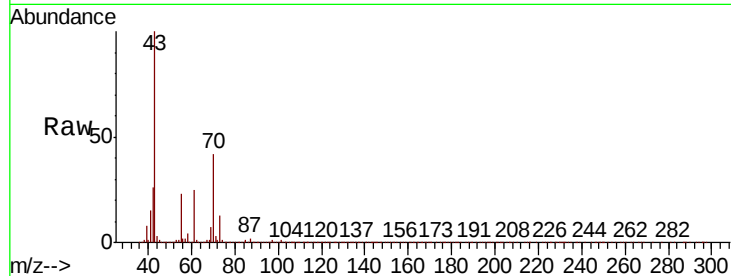
43 100

55 23.2 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 164.181 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013371.D

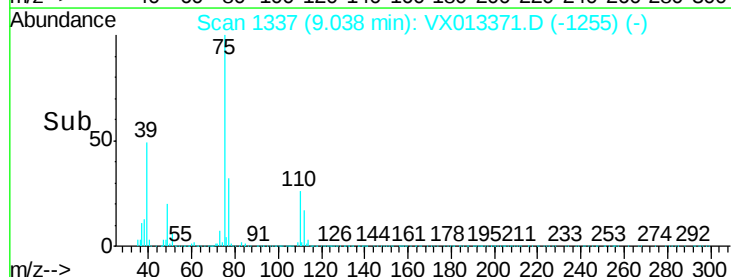
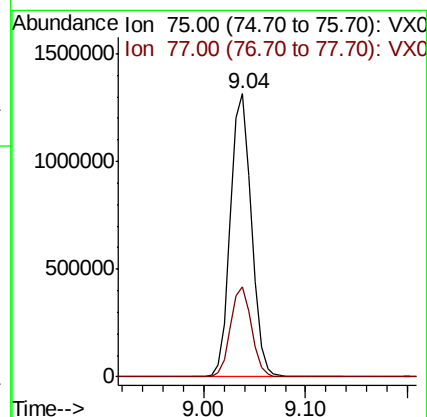
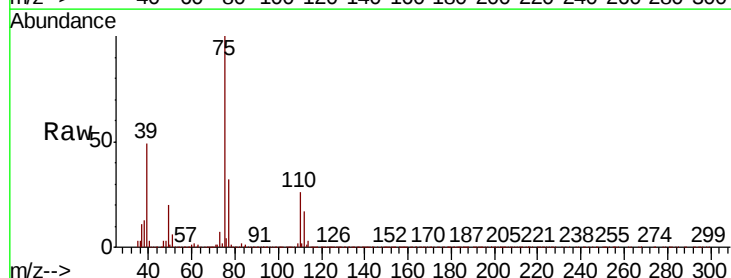
Acq: 11 Nov 2019 18:02

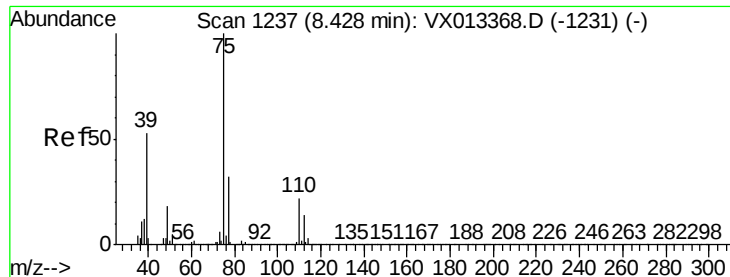
Tgt Ion: 75 Resp: 1867518

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9





#49

cis-1,3-Dichloropropene

Concen: 159.513 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

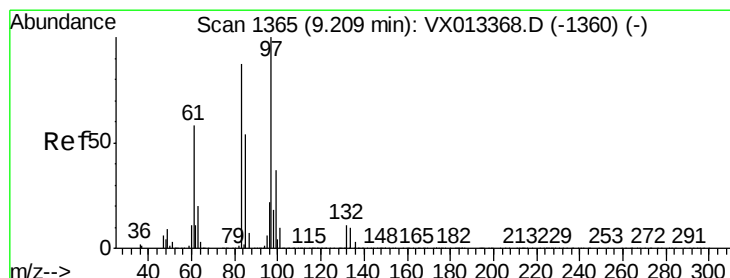
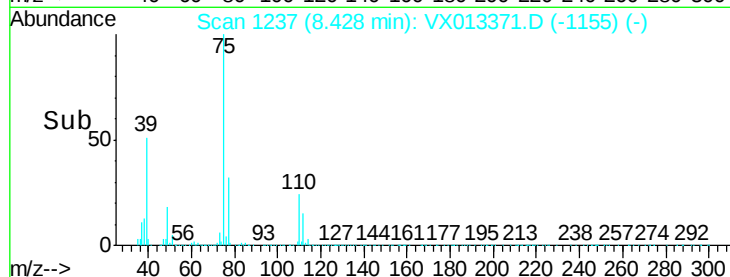
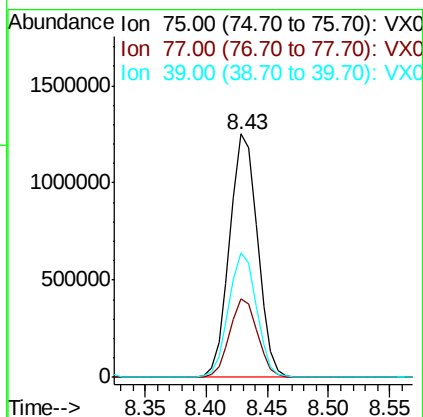
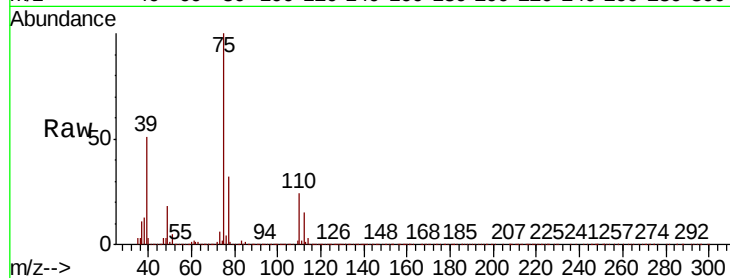
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	1978417
Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.8	38.8
39	51.2	42.2	63.4

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#50

1,1,2-Trichloroethane

Concen: 155.719 ug/l

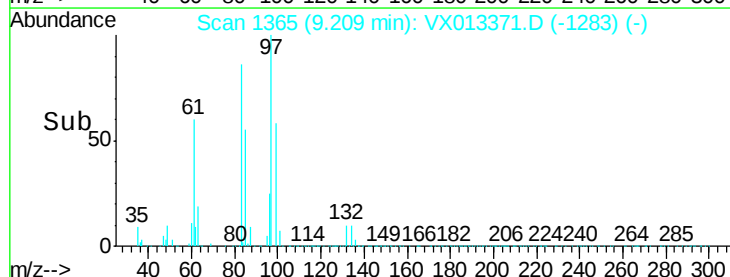
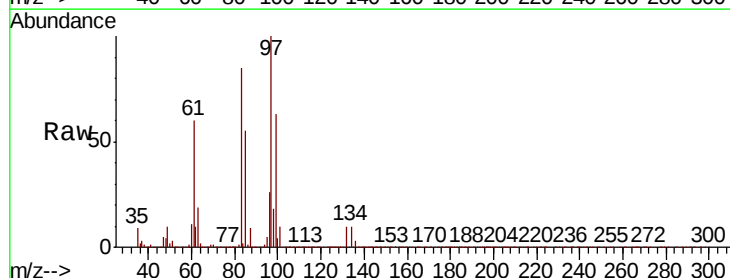
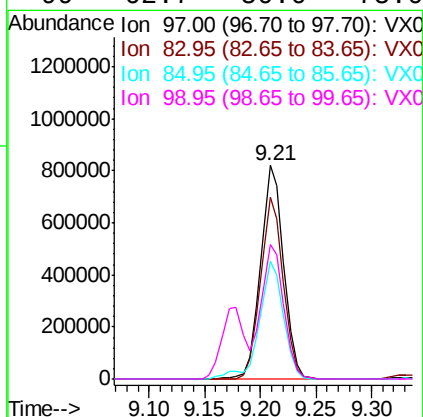
RT: 9.21 min Scan# 1365

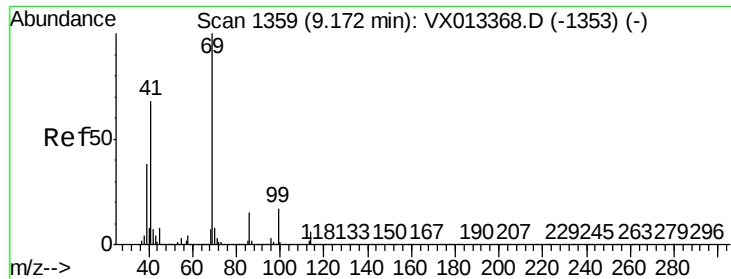
Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion:	97	Resp:	1187898
Ion	Ratio	Lower	Upper
97	100		
83	85.3	69.6	104.4
85	55.1	45.5	68.3
99	62.7	50.0	75.0





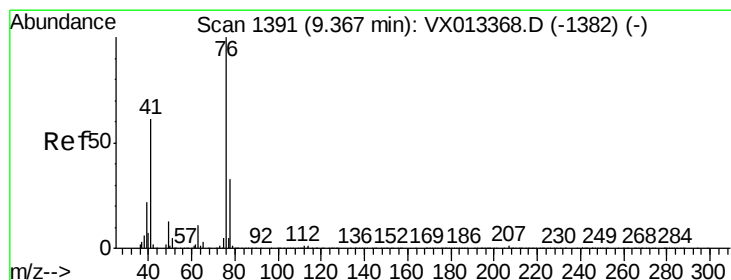
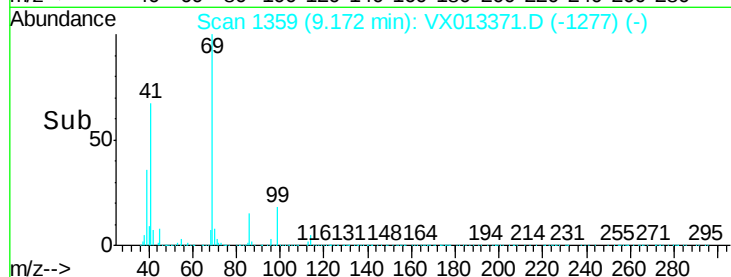
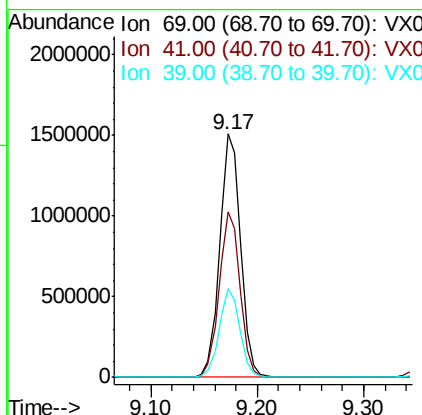
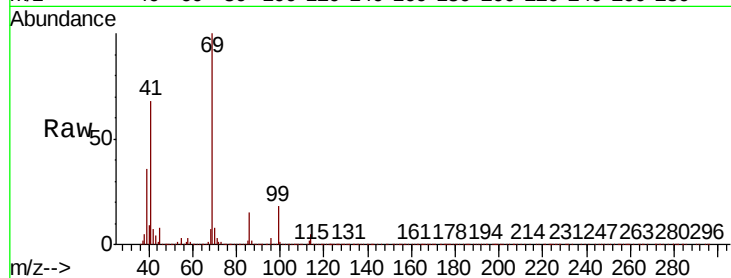
#51
Ethyl methacrylate
Concen: 171.102 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	68.0	33.9	101.6
39	36.2	18.8	56.4

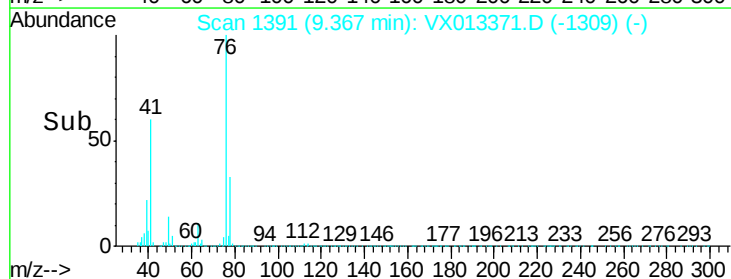
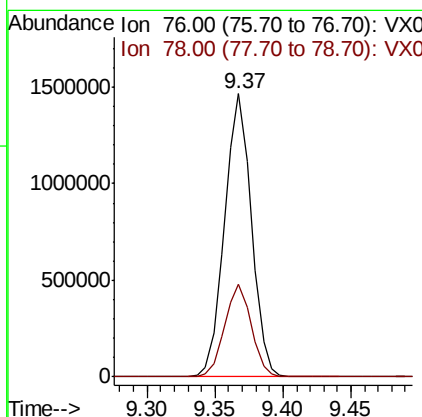
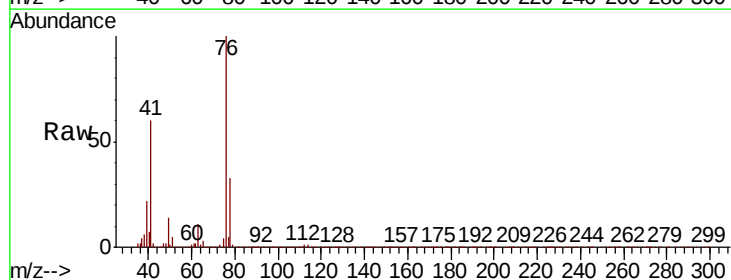
Manual Integrations
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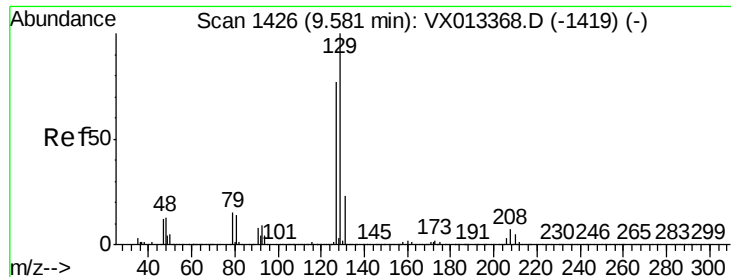
MMDadoda
11/12/2019 11:49:50 AM



#52
1,3-Dichloropropane
Concen: 155.863 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.4	0.0	63.6





#53

Dibromochloromethane

Concen: 161.145 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tot Ion:129 Resp: 1320229

Ion Ratio Lower Upper

129 100

127 77.7 39.6 119.0

Instrument :

MSVOA_X

ClientSampleId :

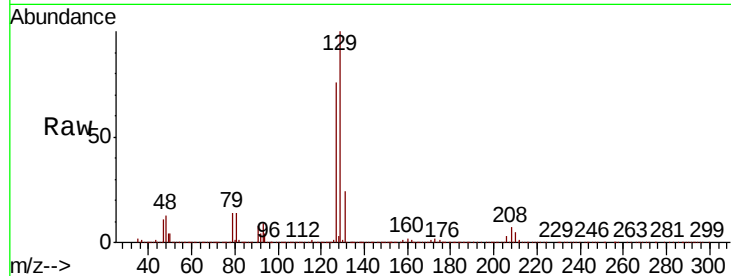
VSTDIC150

Manual Integrations

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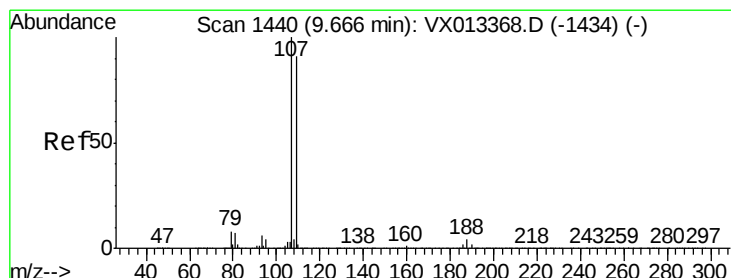
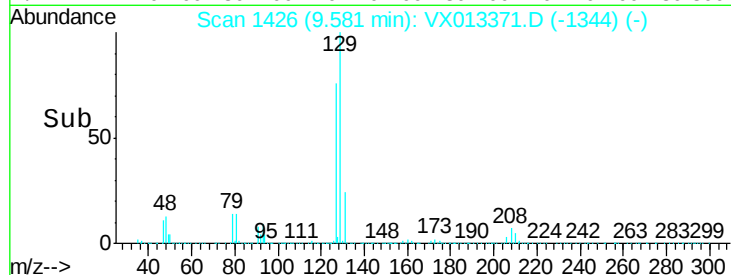
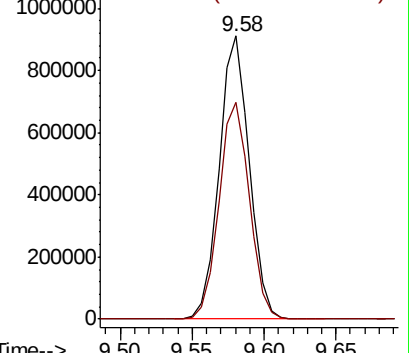
MMDadoda

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 156.330 ug/l

RT: 9.67 min Scan# 1441

Delta R.T. 0.01 min

Lab File: VX013371.D

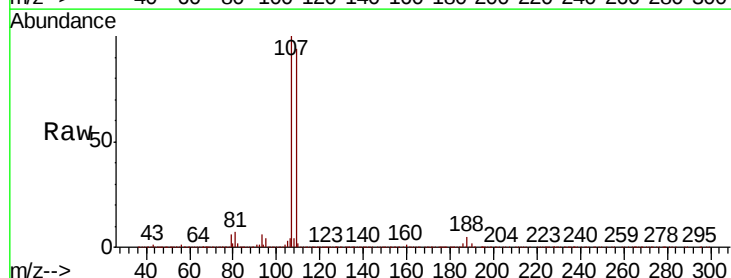
Acq: 11 Nov 2019 18:02

Tgt Ion:107 Resp: 1272743

Ion Ratio Lower Upper

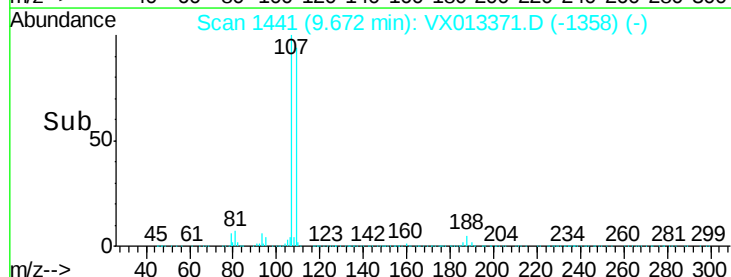
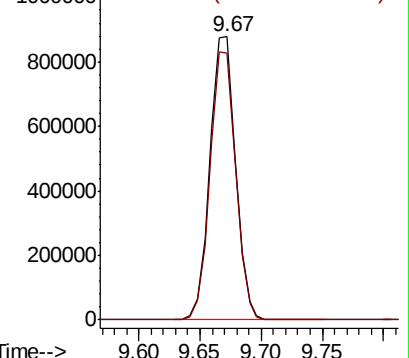
107 100

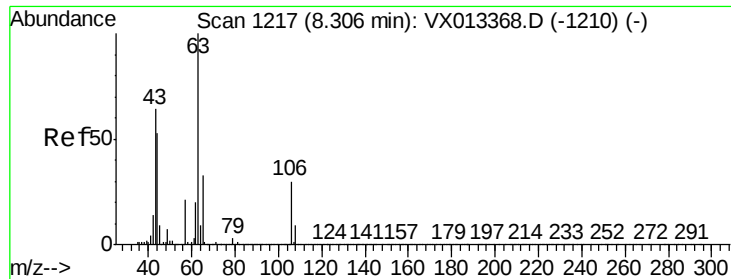
109 94.4 73.9 110.9



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





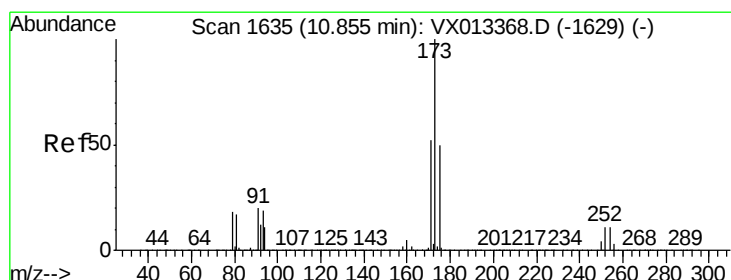
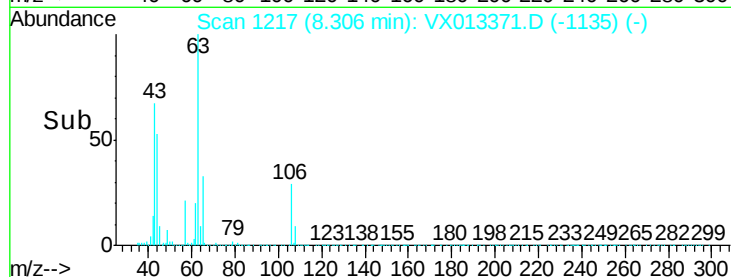
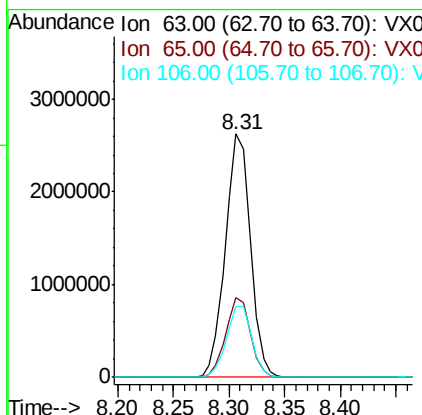
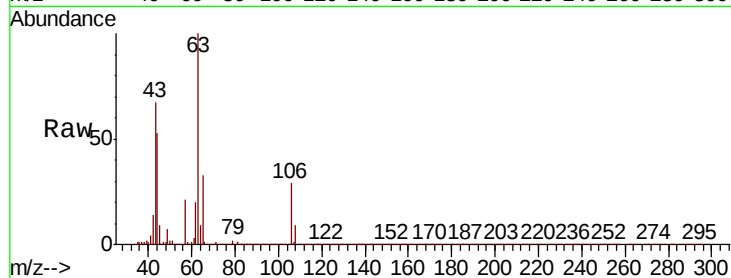
#55
2-Chloroethyl vinyl ether
Concen: 824.727 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.8	23.5	35.3

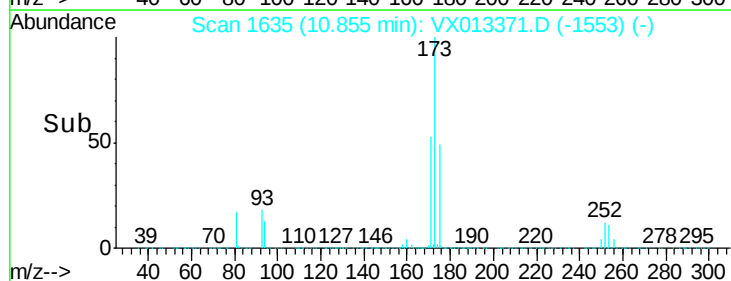
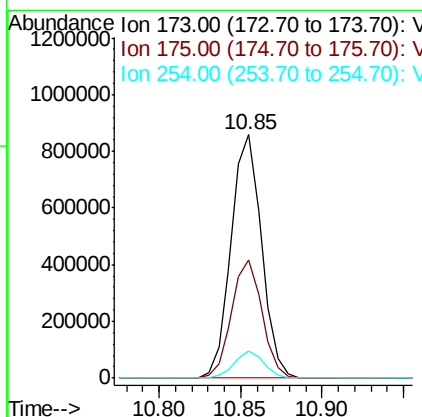
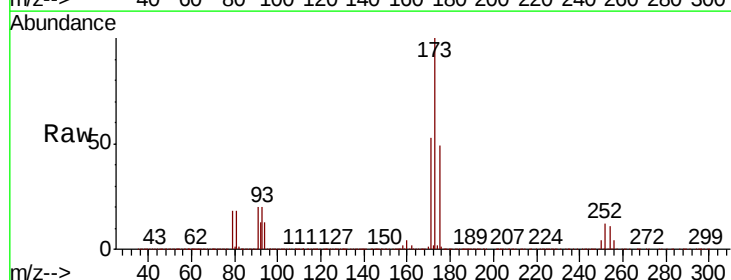
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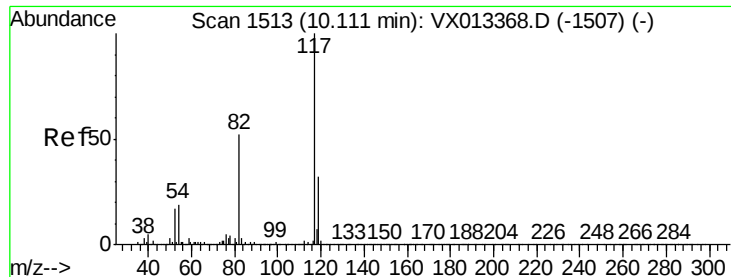
MMDadoda
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#56
Bromoform
Concen: 188.035 ug/l
RT: 10.85 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.6	39.4	59.0
254	11.0	8.6	12.8





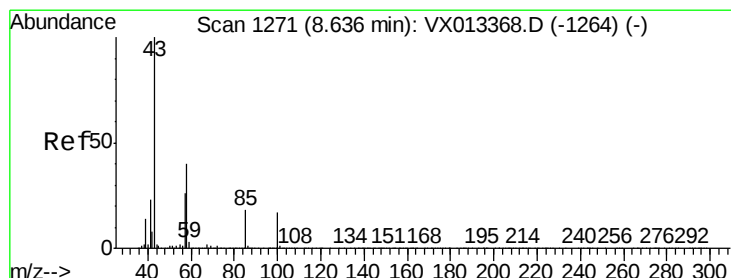
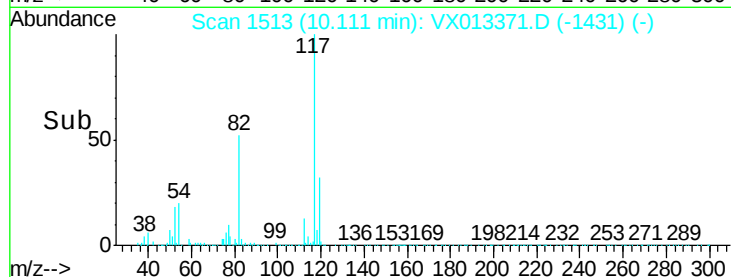
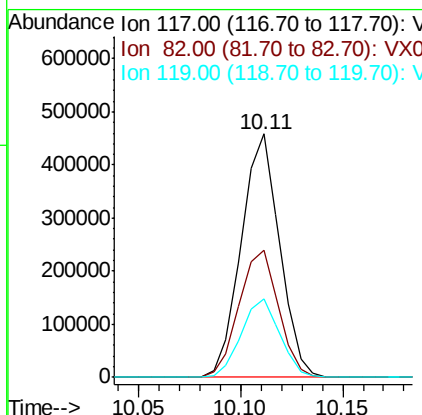
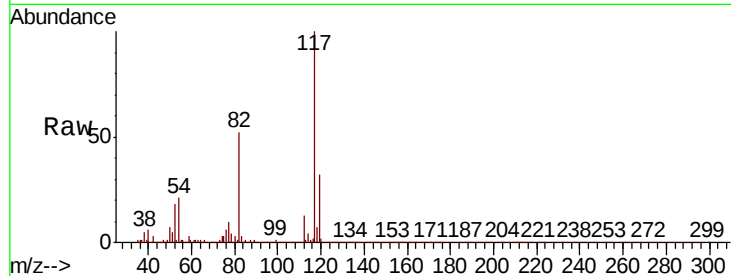
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.7	65.5
119	32.4	25.5	38.3

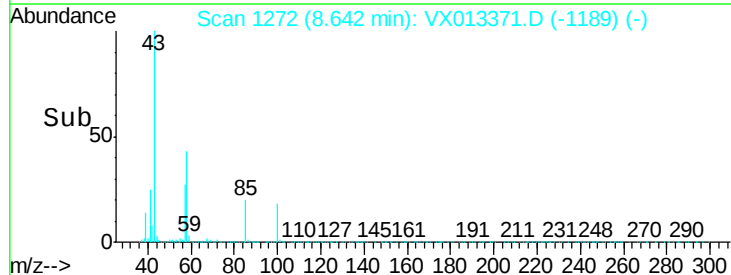
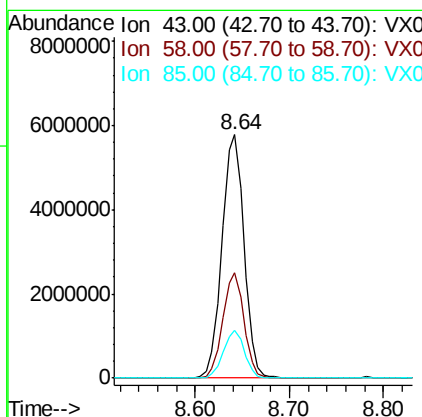
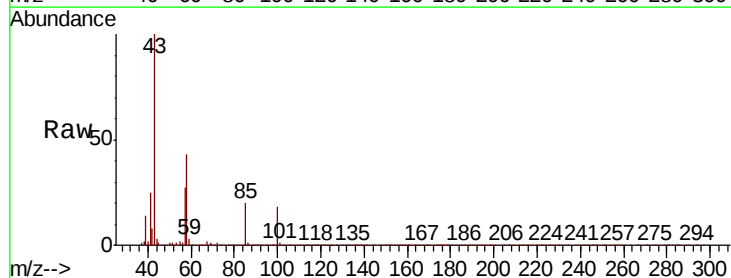
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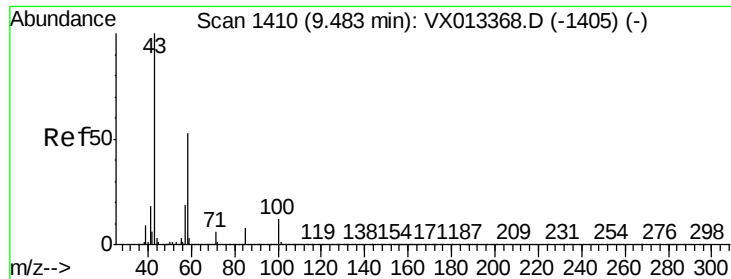
MMDadoda
11/12/2019 11:49:50 AM



#58
4-Methyl-2-Pentanone
Concen: 895.658 ug/l
RT: 8.64 min Scan# 1272
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
43	100		
58	41.5	31.6	47.4
85	18.8	14.2	21.2





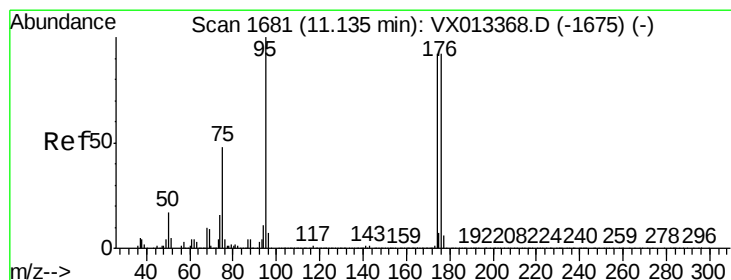
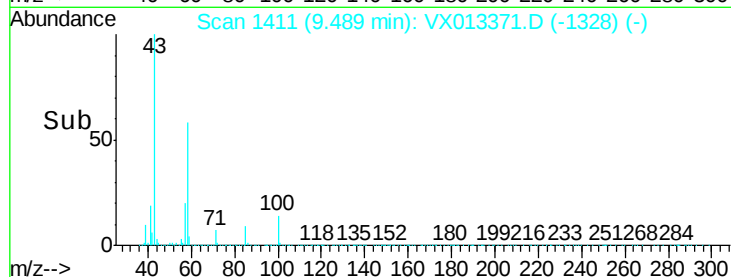
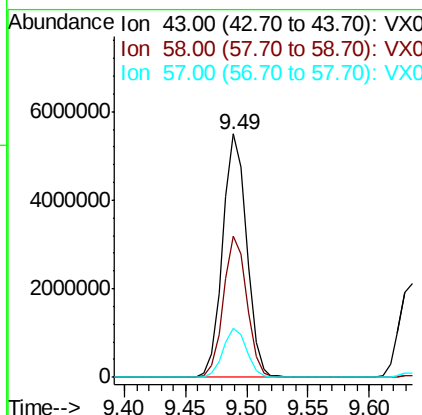
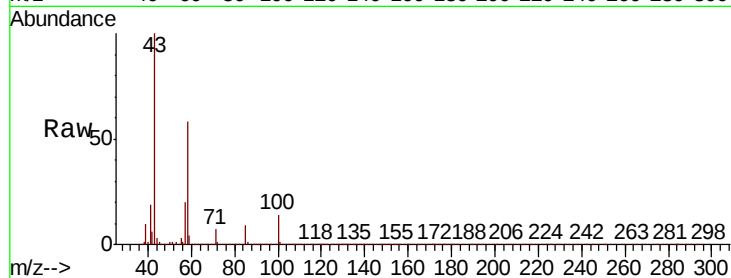
#59
2-Hexanone
Concen: 908.574 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.8	43.8	65.6
57	19.9	15.1	22.7

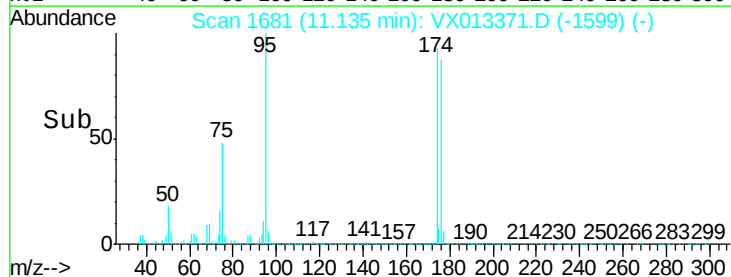
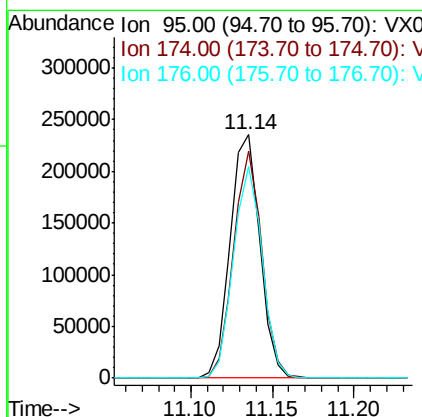
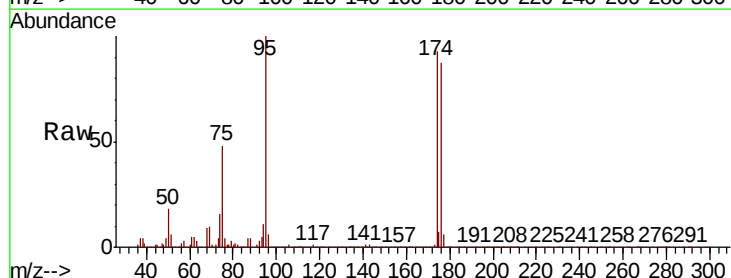
Manual Integrations
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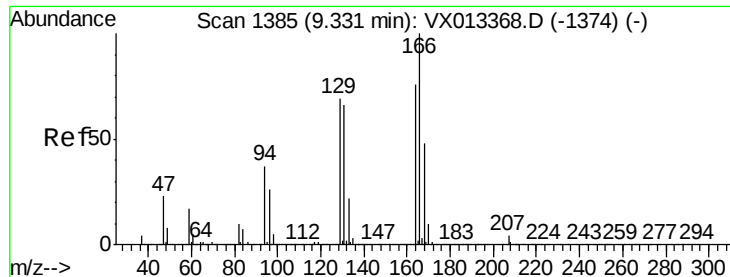
MMDadoda
11/12/2019 11:49:50 AM



#60
4-Bromofluorobenzene
Concen: 29.121 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
95	100		
174	88.6	70.2	105.2
176	84.6	68.3	102.5





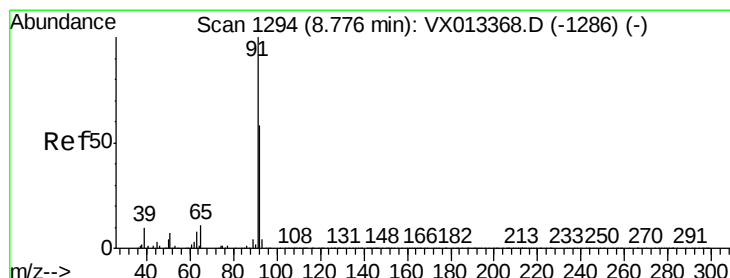
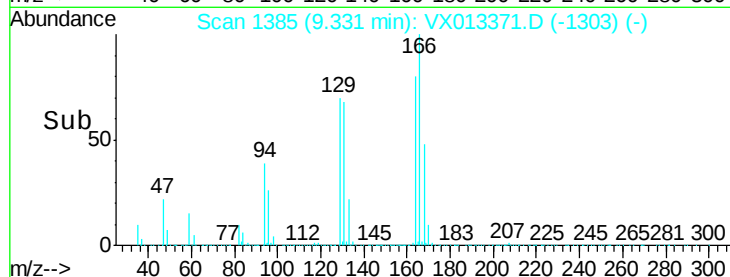
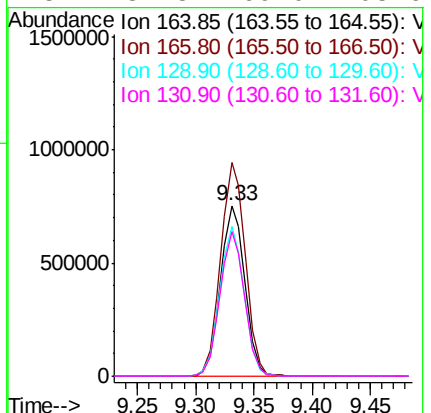
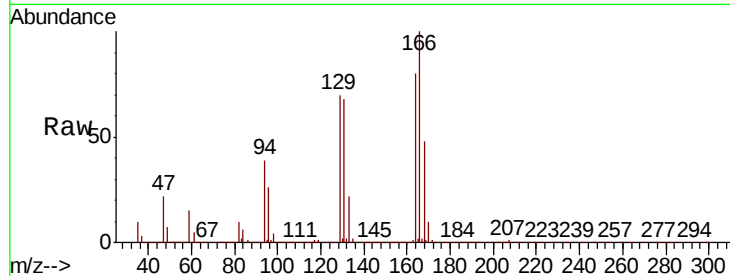
#61
Tetrachloroethene
Concen: 141.241 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
164	100		
166	125.4	104.9	157.3
129	88.1	72.3	108.5
131	84.8	69.0	103.6

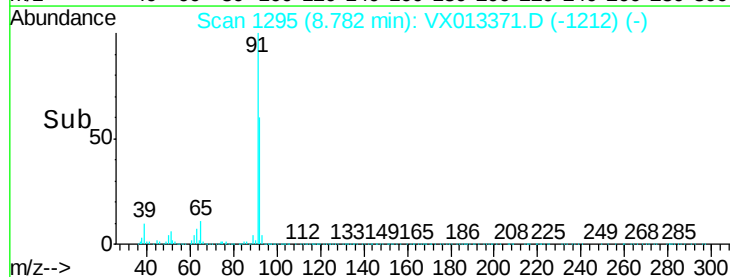
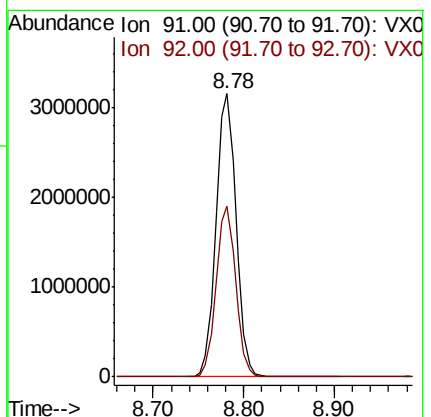
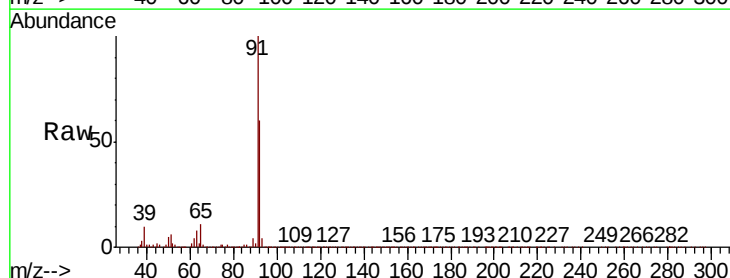
Manual Integrations
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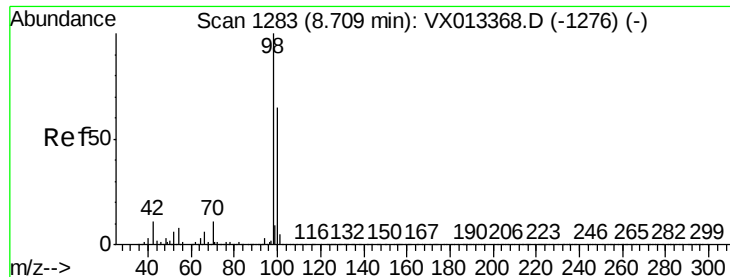
MMDadoda
11/12/2019 11:49:50 AM



#62
Toluene
Concen: 151.461 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.1	46.6	69.8





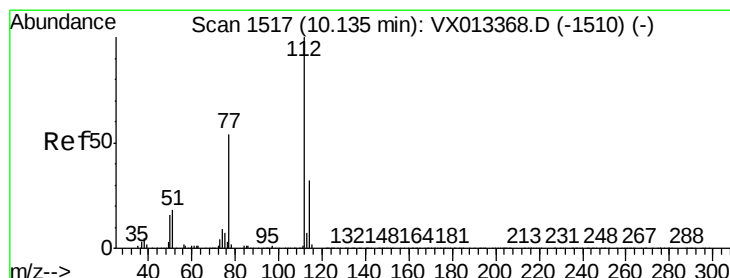
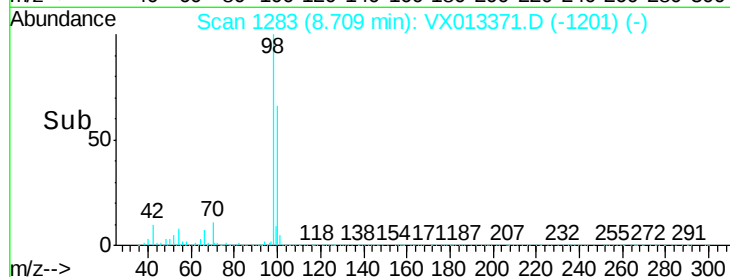
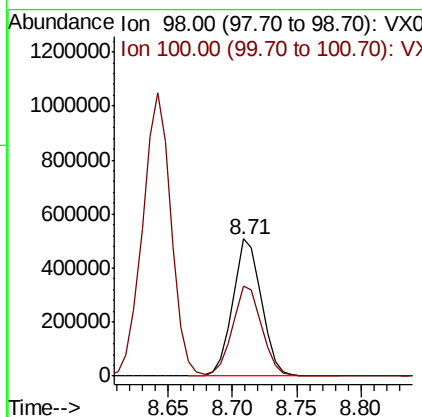
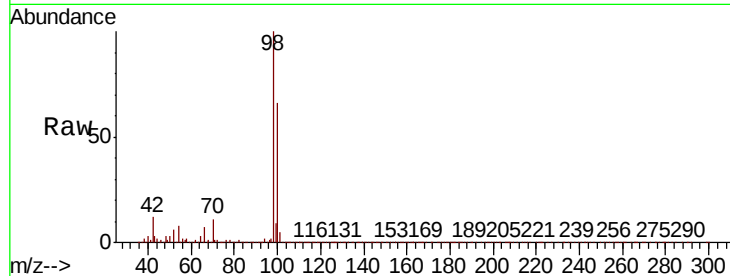
#63
Toluene-d8
Concen: 29.628 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
98	100			
100	66.7	52.5	78.7	

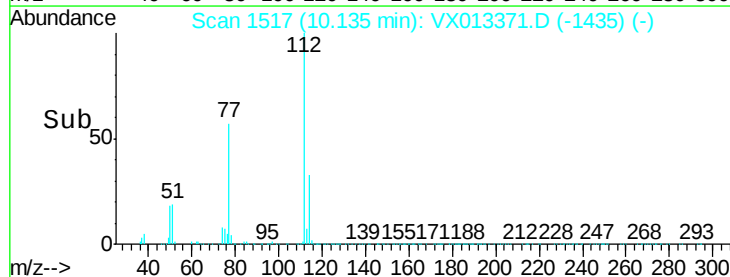
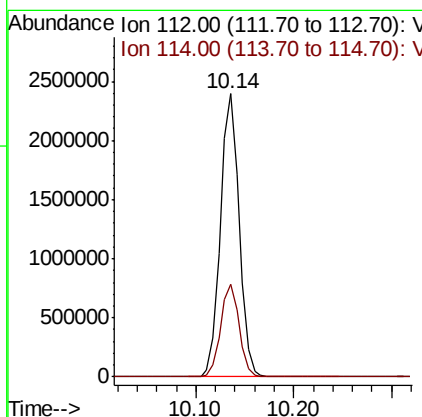
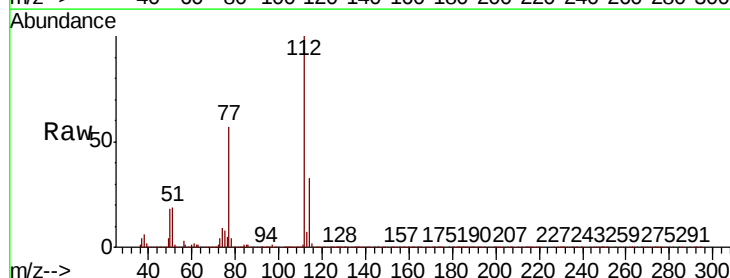
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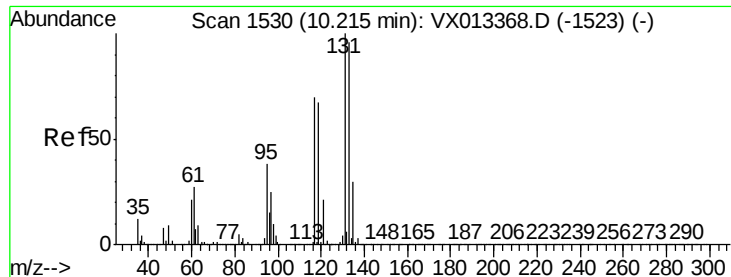
MMDadoda
11/12/2019 11:49:50 AM



#64
Chlorobenzene
Concen: 154.216 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ion	Ratio	Lower	Upper
112	100			
114	32.6	25.7	38.5	





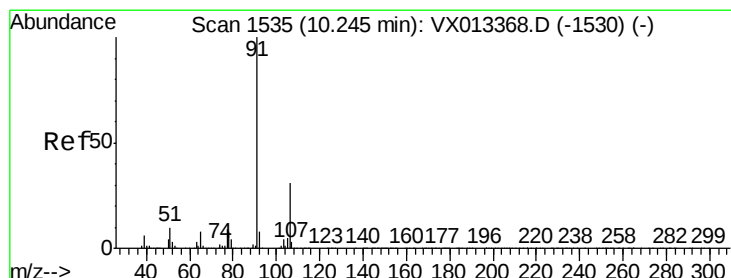
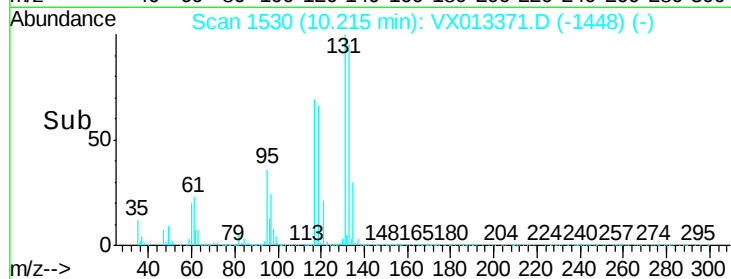
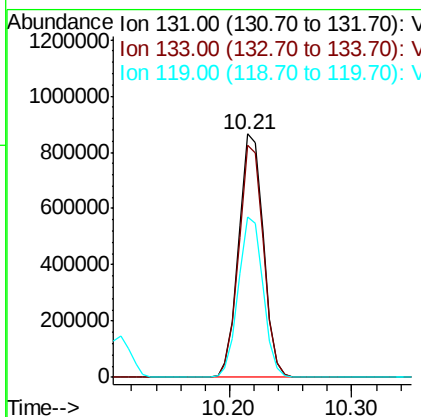
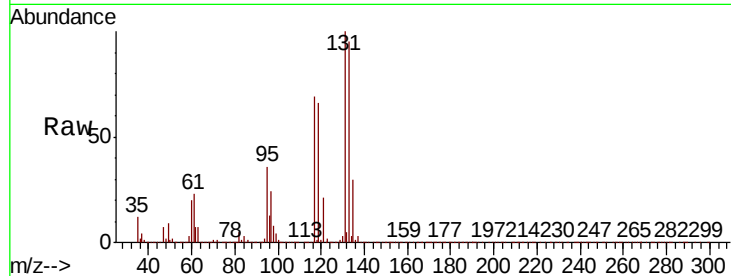
#65
1,1,1,2-Tetrachloroethane
Concen: 156.603 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.2	0.0	192.2
119	65.7	0.0	134.4

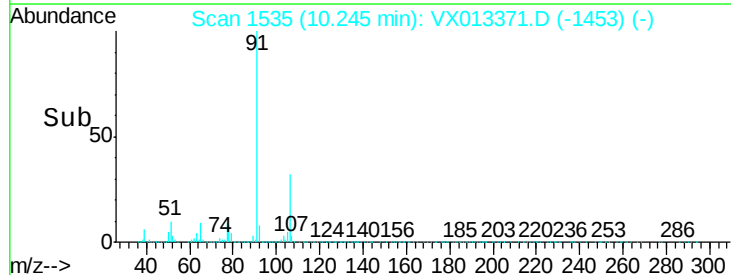
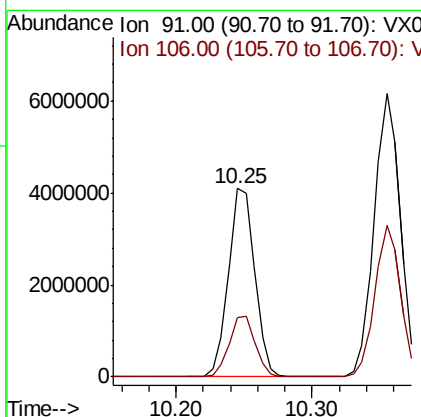
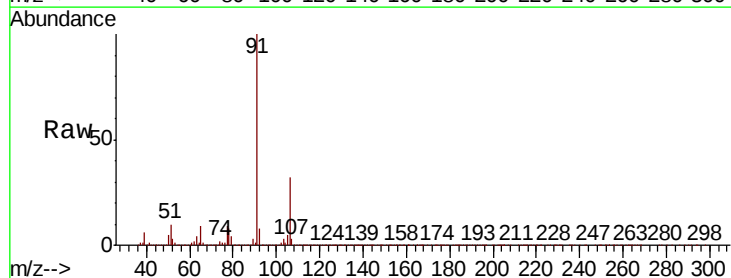
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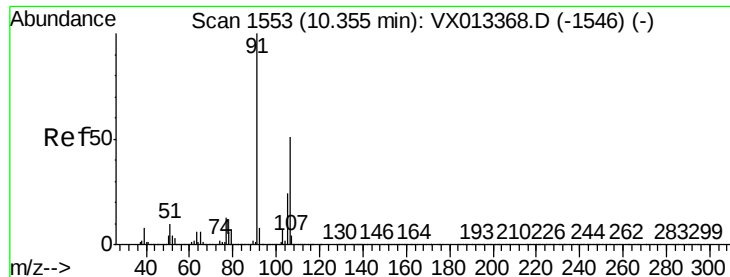
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#66
Ethyl Benzene
Concen: 149.136 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
106	31.7	25.0	37.4





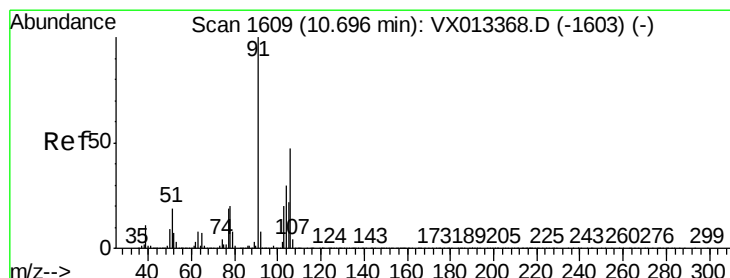
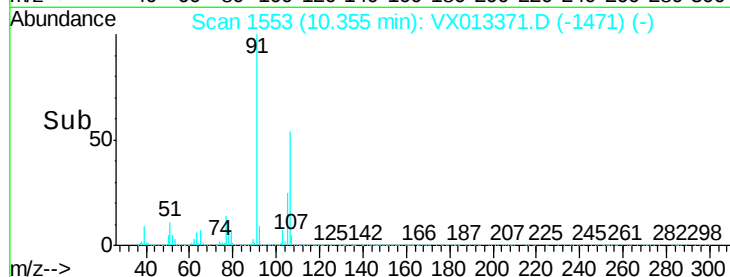
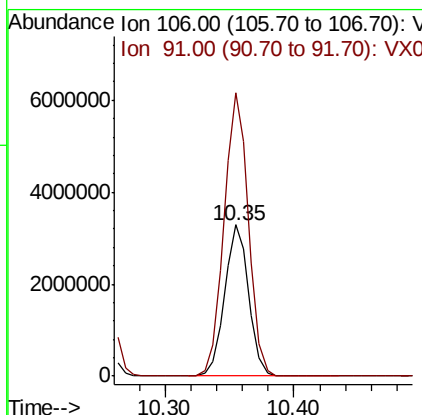
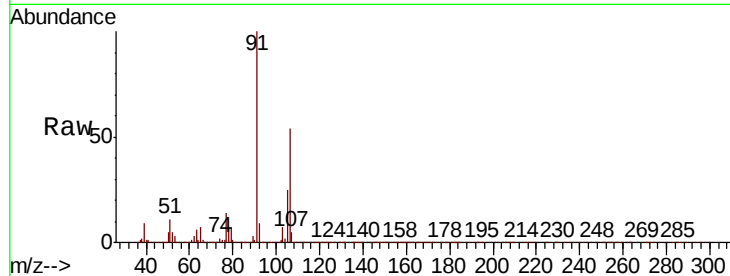
#67
m/p-Xylenes
Concen: 306.474 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion:106 Resp: 4294803
Ion Ratio Lower Upper
106 100
91 190.5 158.4 237.6

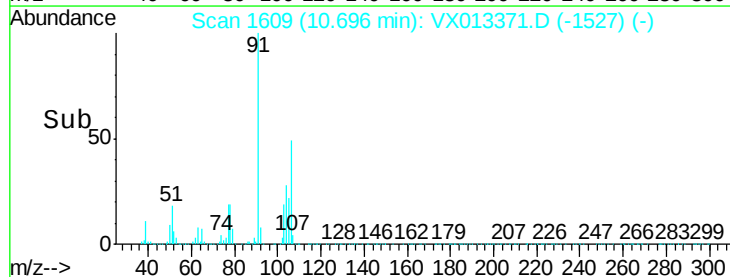
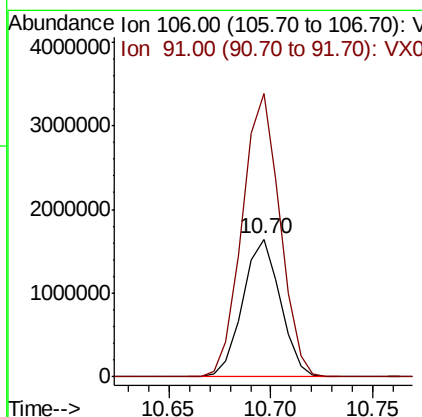
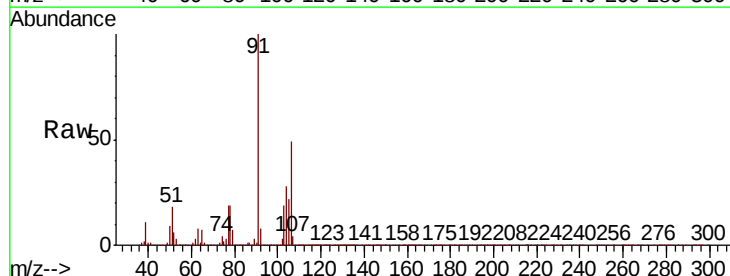
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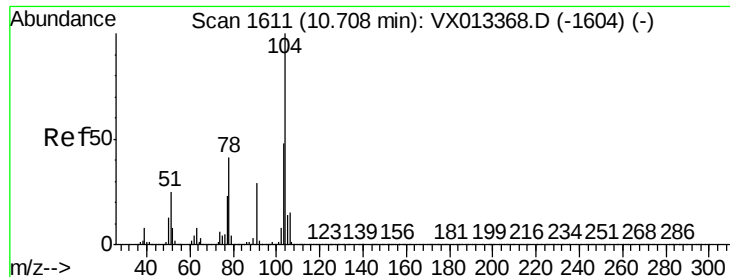
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#68
o-Xylene
Concen: 155.929 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion:106 Resp: 2101237
Ion Ratio Lower Upper
106 100
91 207.0 106.4 319.2





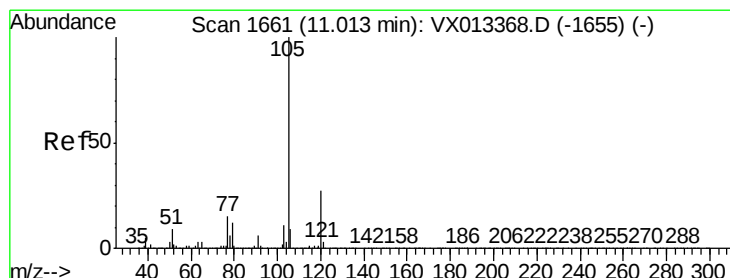
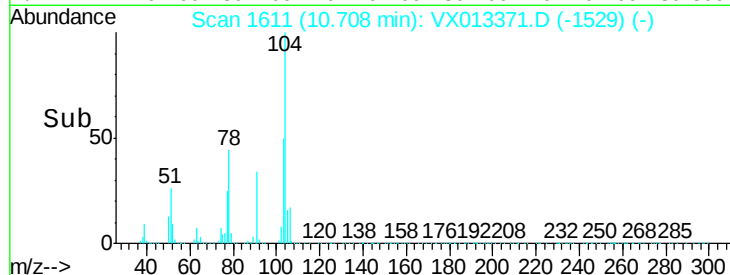
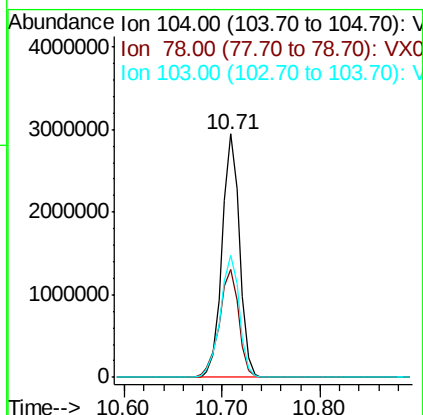
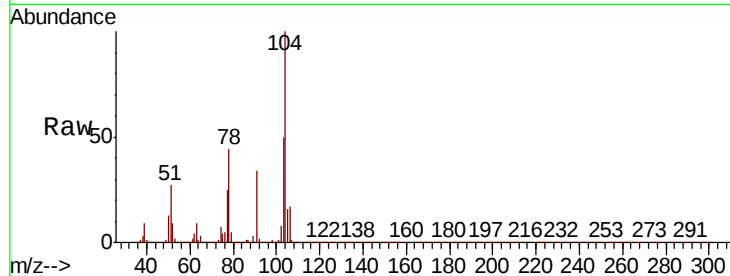
#69
Stvrene
Concen: 157.918 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.1	38.2	57.4
103	54.9	43.2	64.8

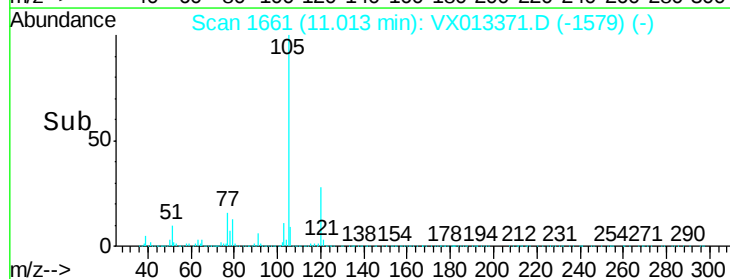
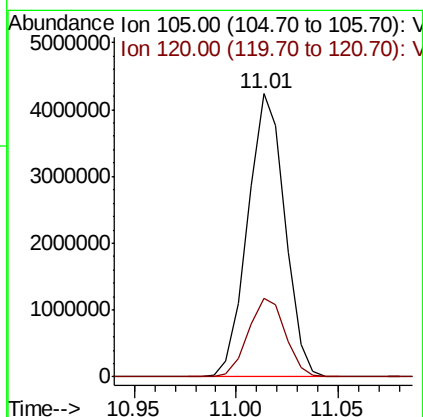
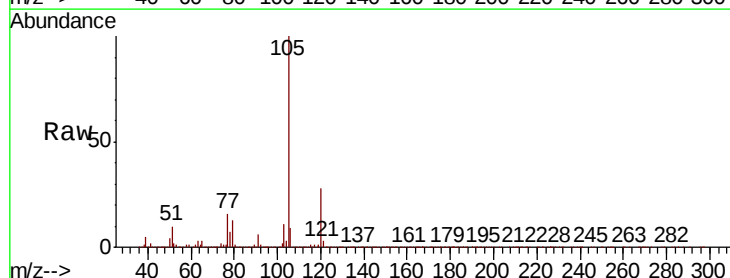
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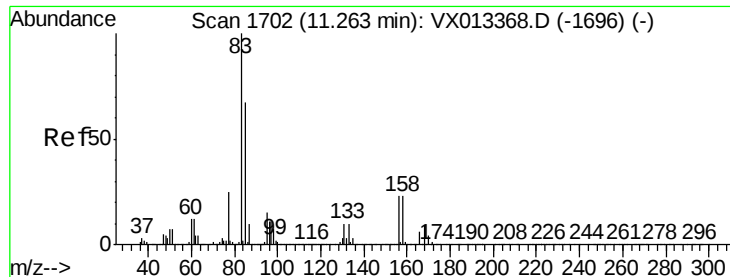
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#70
Isopropylbenzene
Concen: 146.427 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.9	18.8	34.8





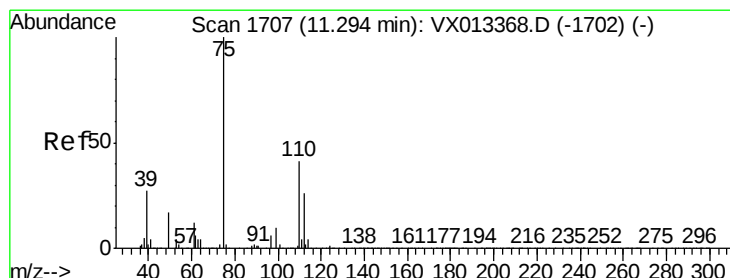
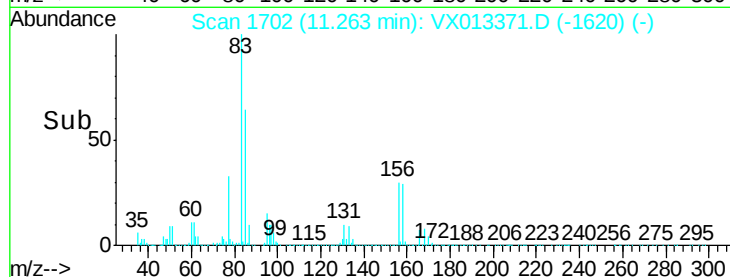
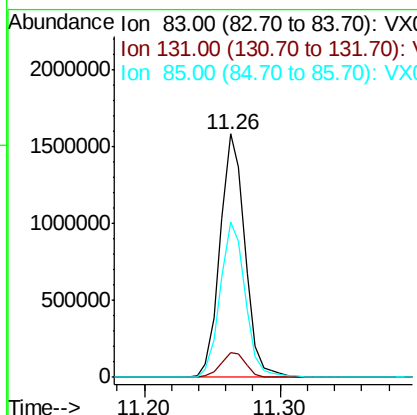
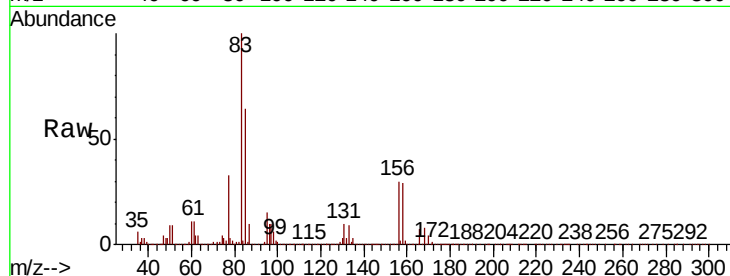
#71
 1,1,2,2-Tetrachloroethane
 Concen: 173.205 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.1	4.7	14.1
85	64.2	32.6	97.7

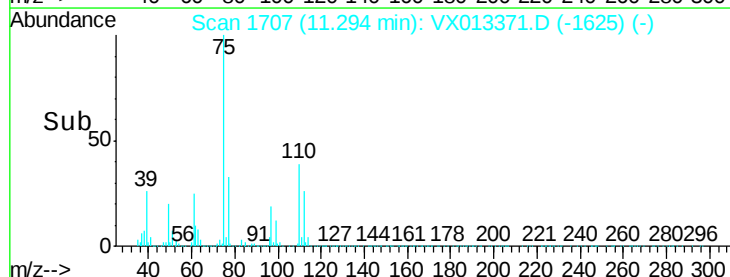
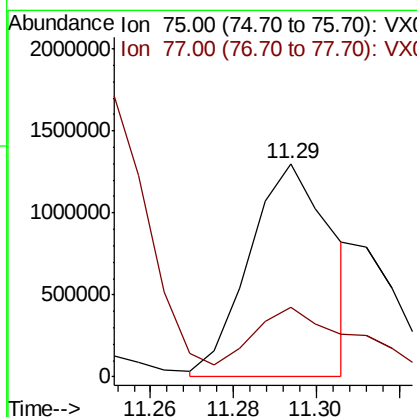
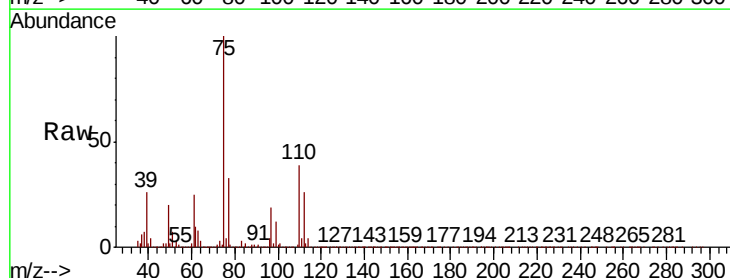
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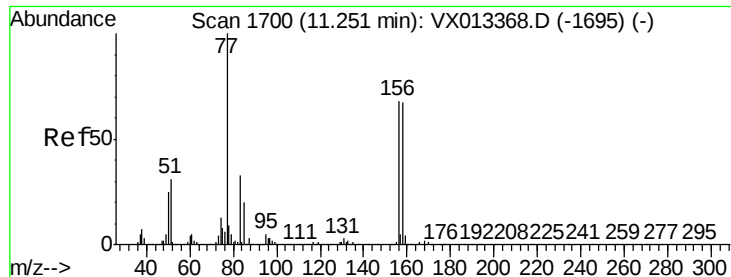
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#72
 1,2,3-Trichloropropane
 Concen: 186.758 ug/l m
 RT: 11.29 min Scan# 1707
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
75	100		
77	39.9	0.0	86.2





#73

Bromobenzene

Concen: 164.482 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:156 Resp: 1475054

Ion Ratio Lower Upper

156 100

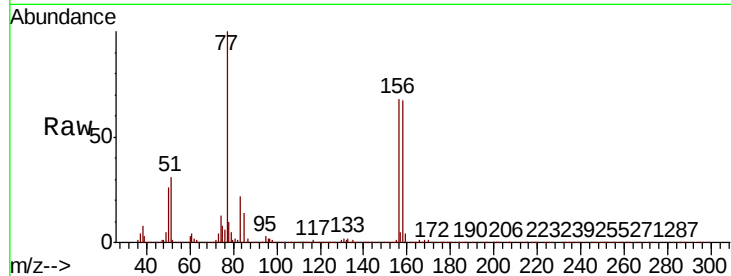
77 149.7 0.0 308.8

158 97.2 0.0 197.0

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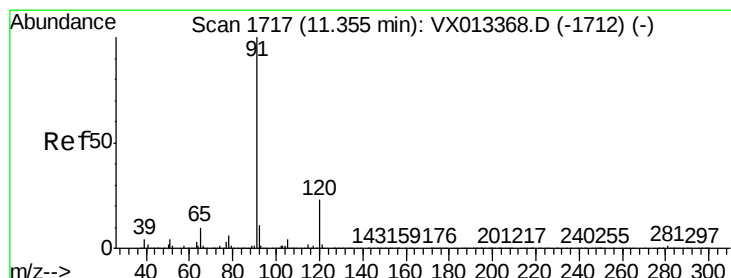
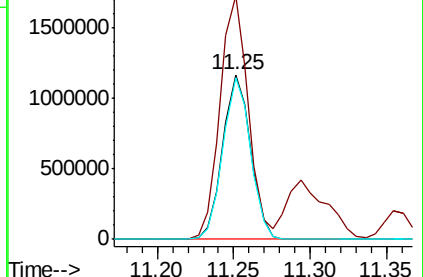
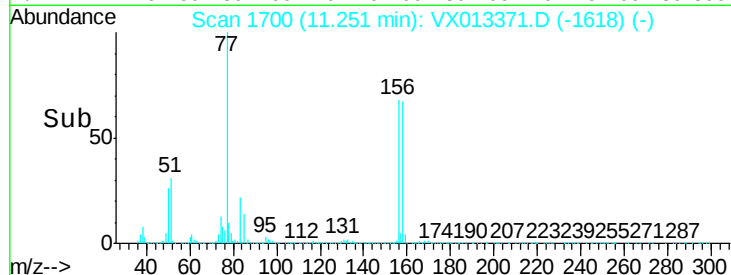
11/12/2019 11:49:50 AM



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 153.403 ug/l

RT: 11.35 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VX013371.D

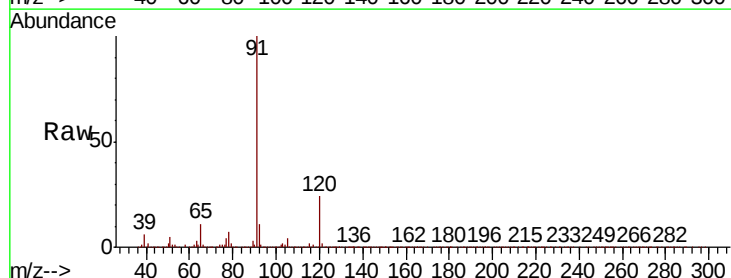
Acq: 11 Nov 2019 18:02

Tgt Ion: 91 Resp: 6205736

Ion Ratio Lower Upper

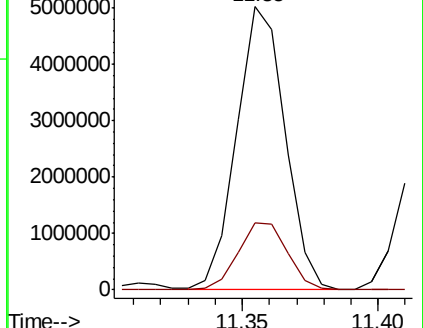
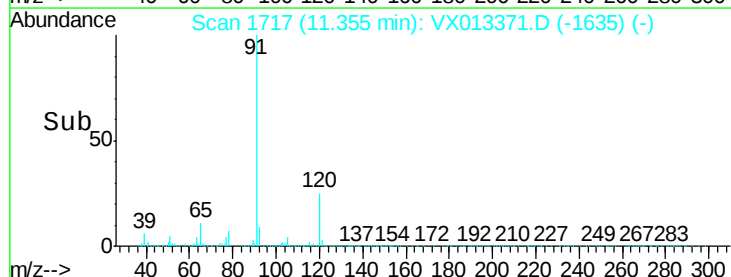
91 100

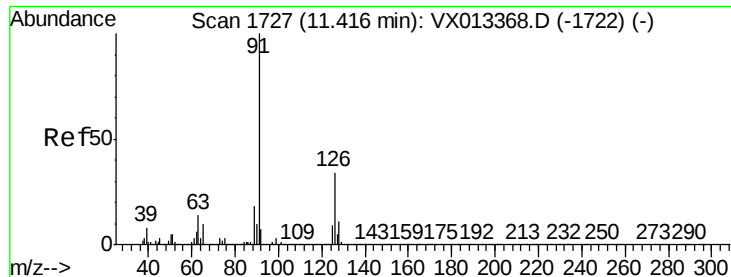
120 24.1 0.0 46.2



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 147.965 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 3705180

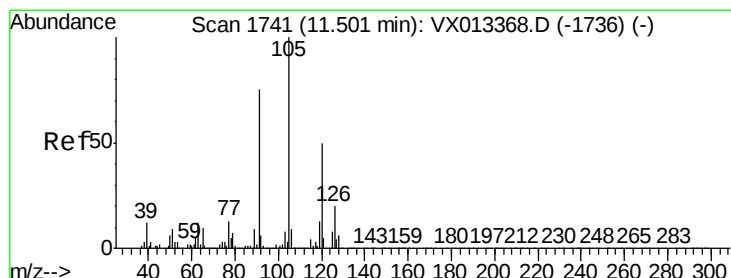
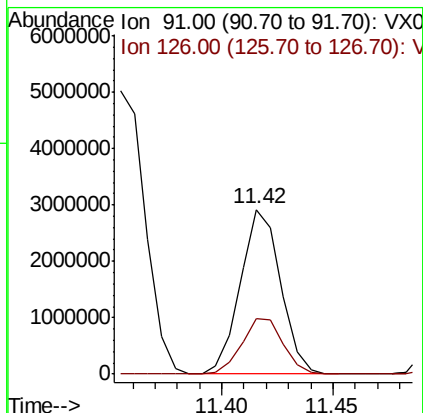
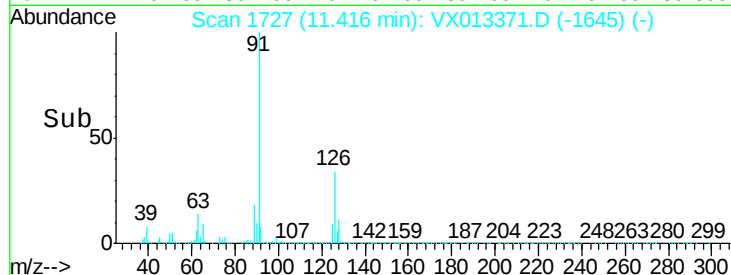
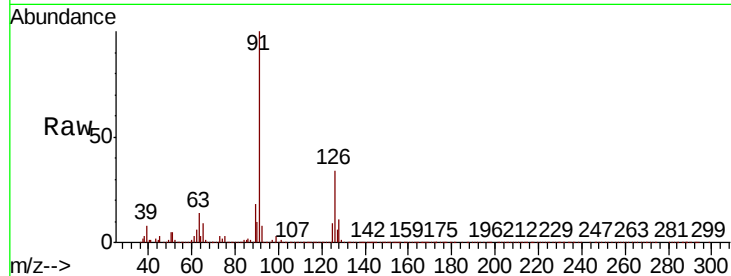
Ion Ratio Lower Upper

91 100

126 34.9 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 151.187 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013371.D

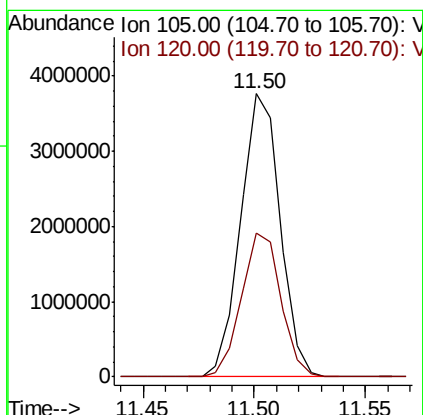
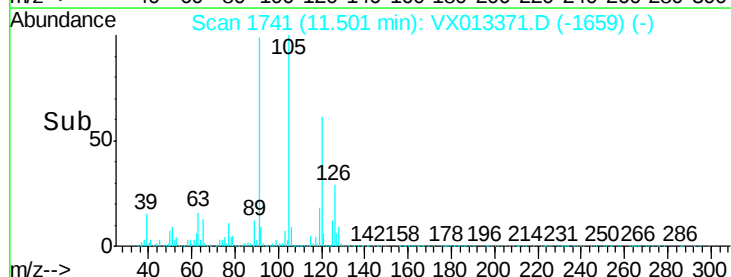
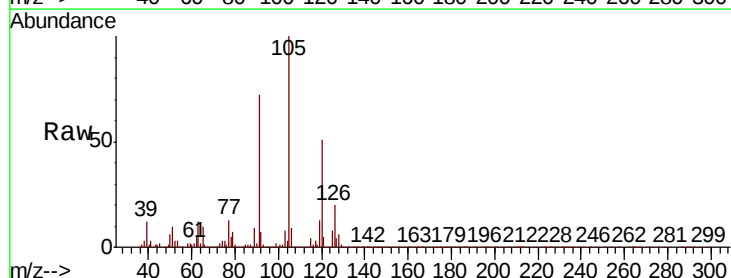
Acq: 11 Nov 2019 18:02

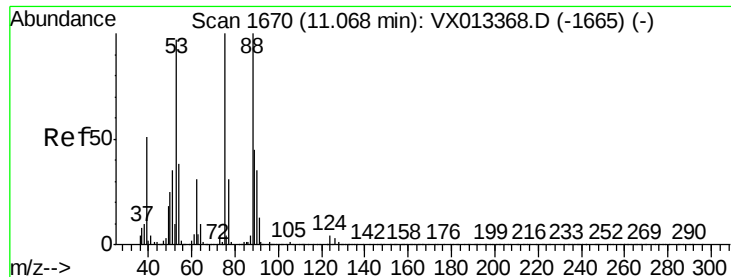
Tgt Ion: 105 Resp: 4665189

Ion Ratio Lower Upper

105 100

120 50.8 0.0 100.0





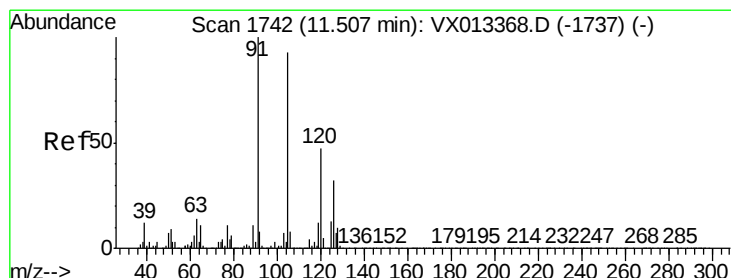
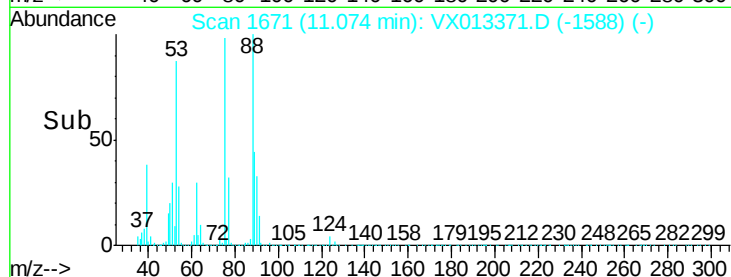
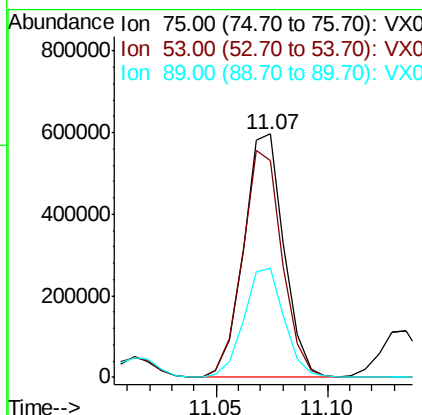
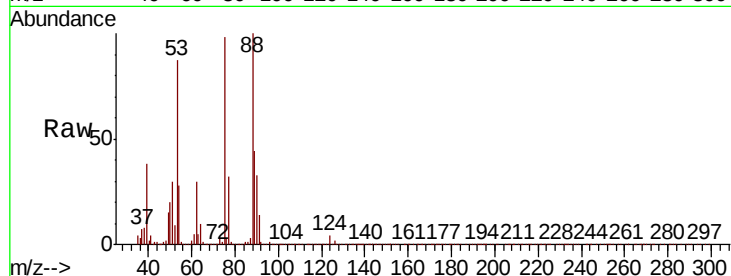
#77
t-1,4-Dichloro-2-butene
Concen: 192.264 ug/l
RT: 11.07 min Scan# 1671
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	88.8	48.8	146.3
89	44.6	22.3	66.8

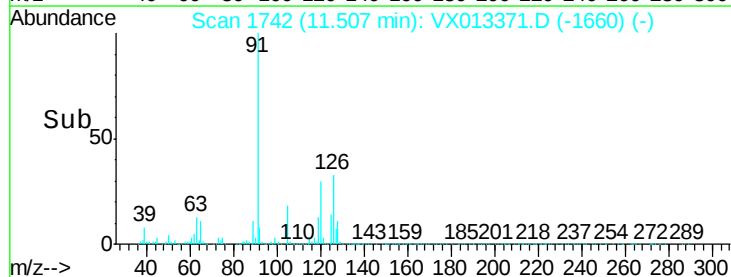
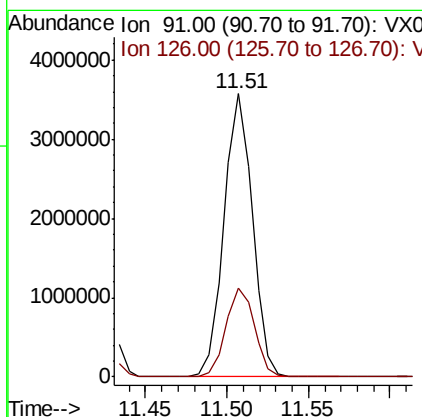
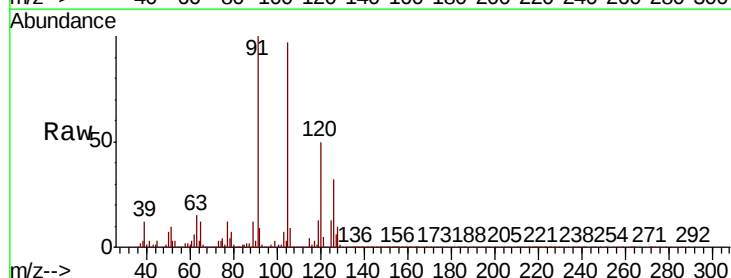
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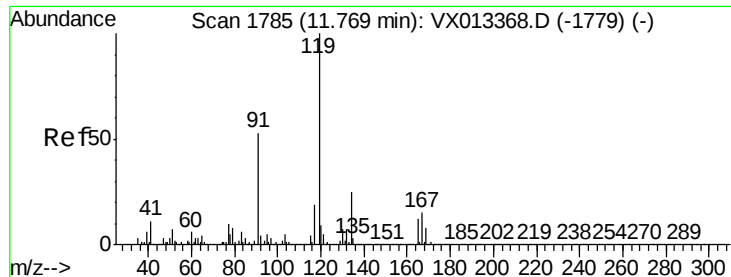
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#78
4-Chlorotoluene
Concen: 151.163 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.4	0.0	61.0





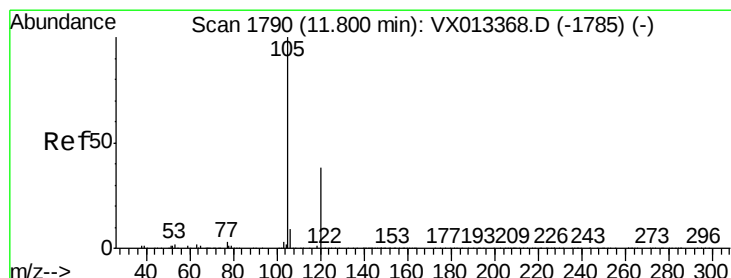
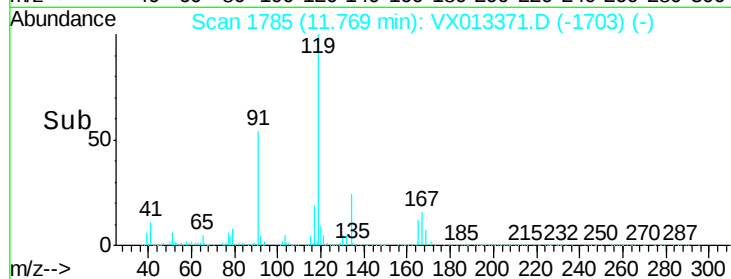
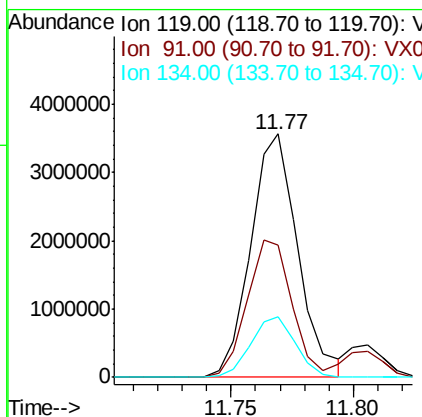
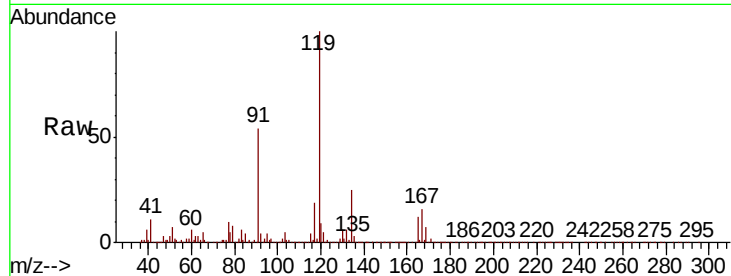
#79
tert-butylbenzene
Concen: 158.588 ug/l
RT: 11.77 min Scan# 1785
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	53.8	0.0	109.6
134	23.5	0.0	47.8

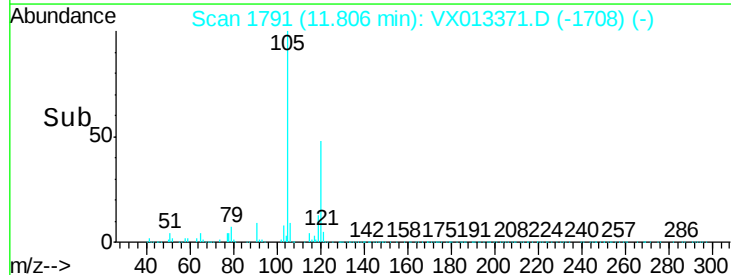
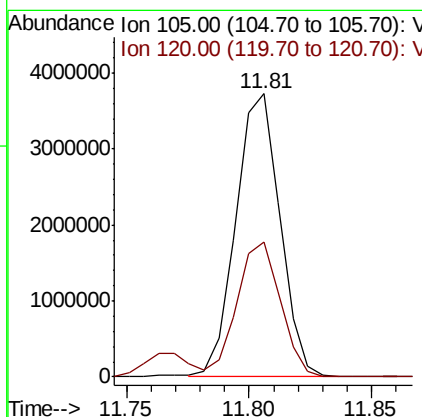
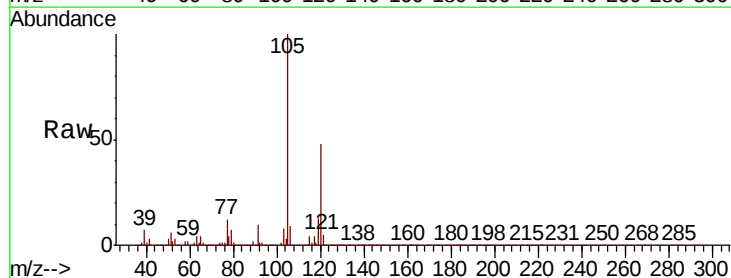
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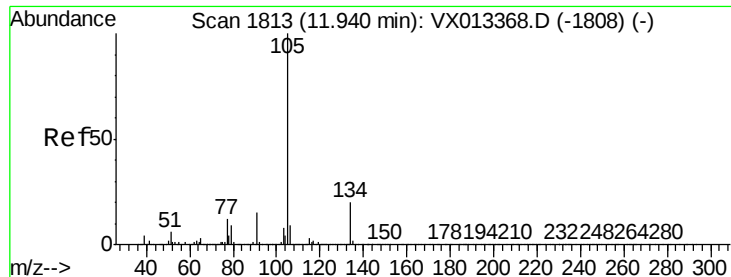
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#80
1,2,4-Trimethylbenzene
Concen: 151.470 ug/l
RT: 11.81 min Scan# 1791
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	94.0





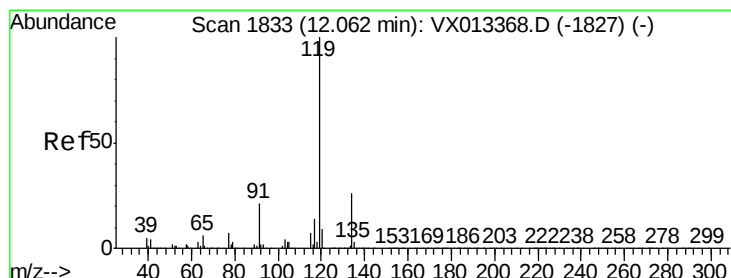
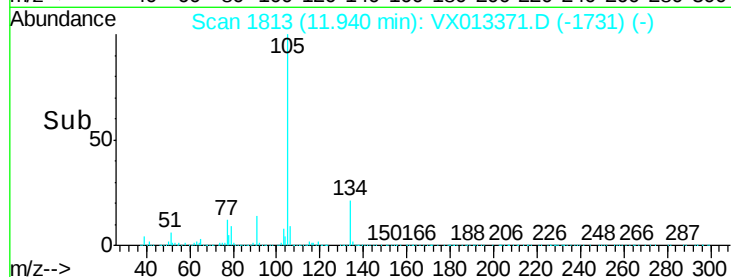
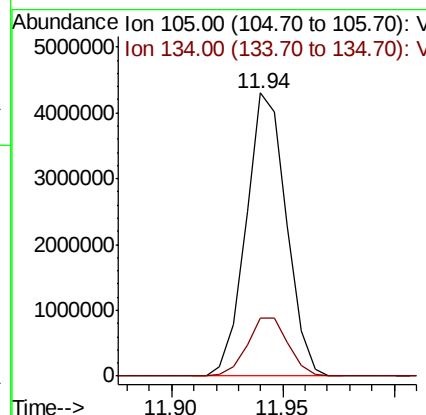
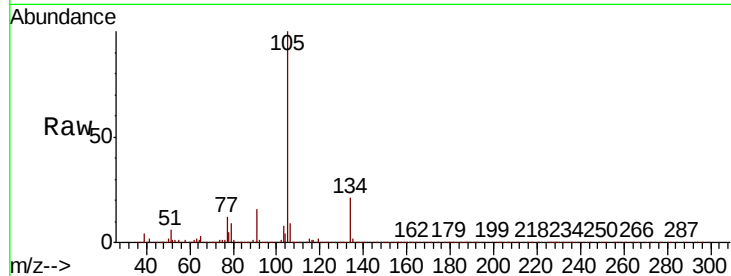
#81
 sec-Butylbenzene
 Concen: 154.090 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion:105 Resp: 5434232
 Ion Ratio Lower Upper
 105 100
 134 21.0 0.0 41.2

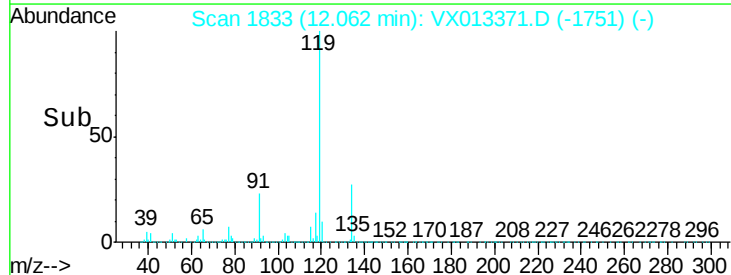
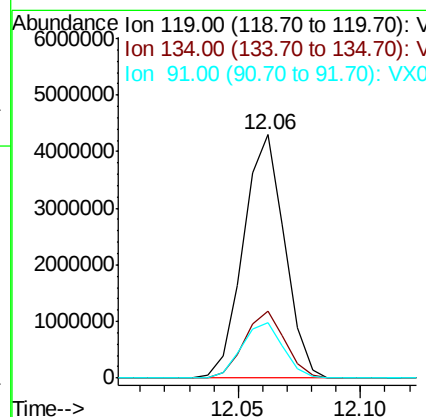
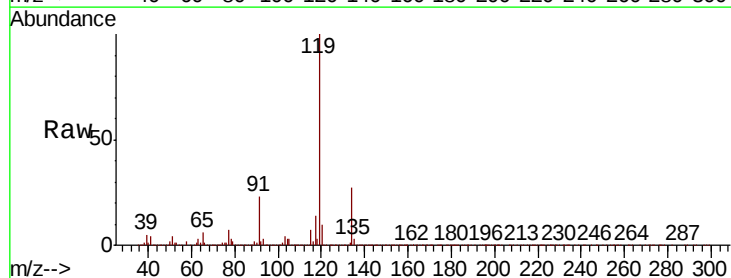
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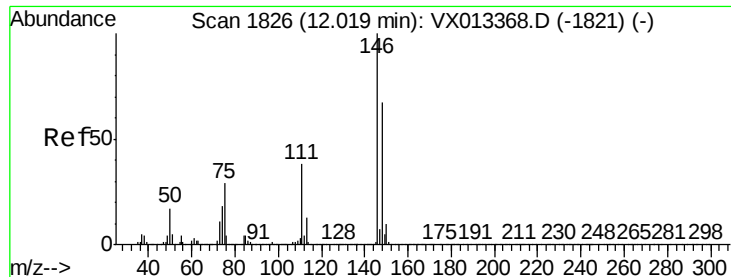
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#82
 p-Isopropyltoluene
 Concen: 155.549 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX013371.D
 Acq: 11 Nov 2019 18:02

Tgt Ion:119 Resp: 5037035
 Ion Ratio Lower Upper
 119 100
 134 27.0 0.0 51.6
 91 22.9 0.0 44.2





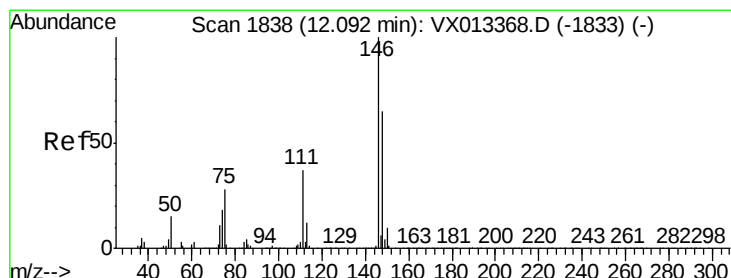
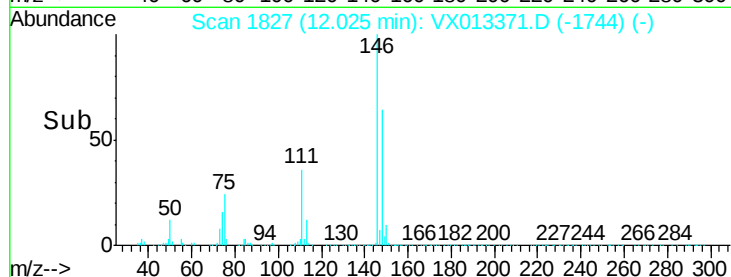
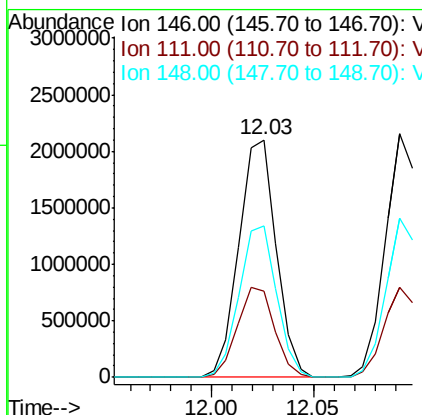
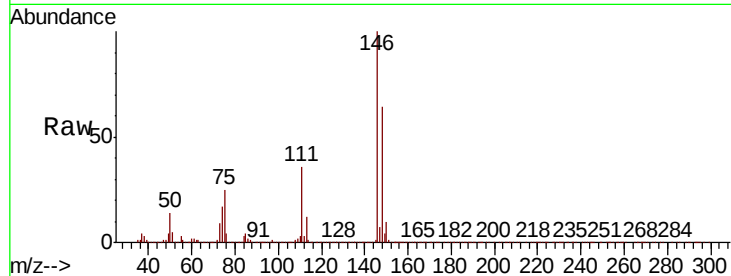
#83
1,3-Dichlorobenzene
Concen: 164.965 ug/l
RT: 12.03 min Scan# 1827
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.8	56.3
148	63.9	32.3	96.9

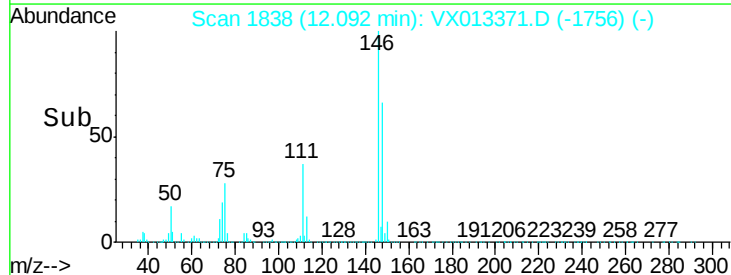
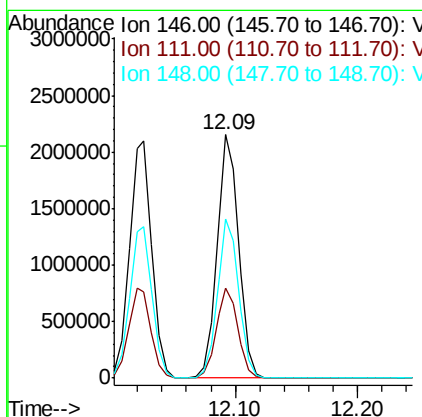
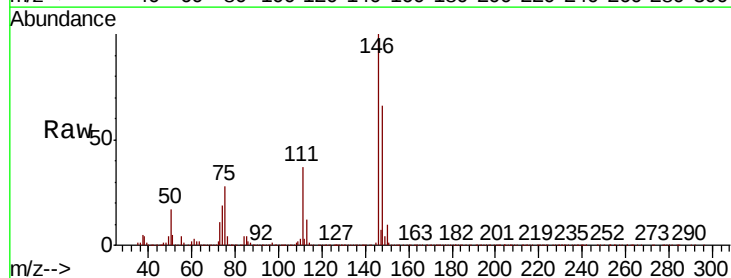
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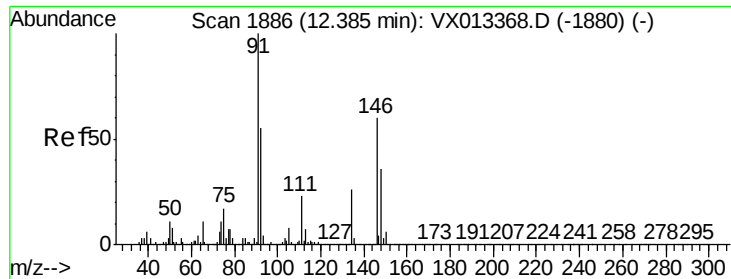
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#84
1,4-Dichlorobenzene
Concen: 164.684 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.6
148	64.4	32.5	97.4





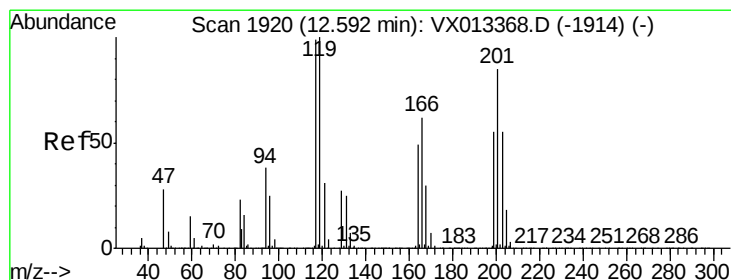
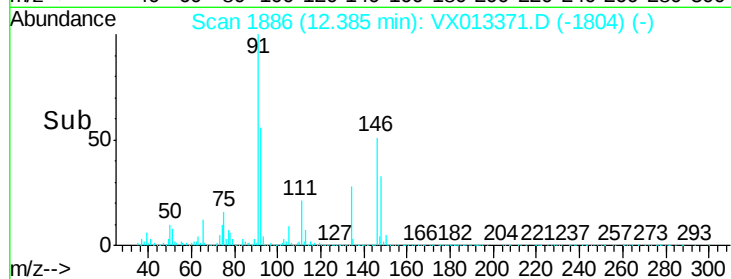
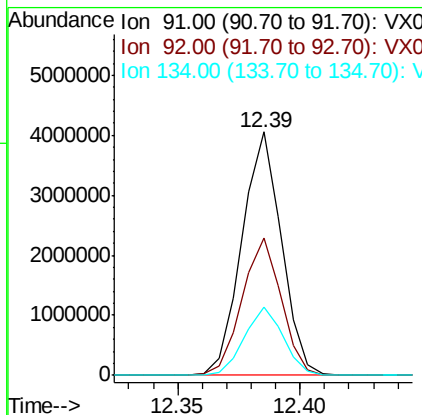
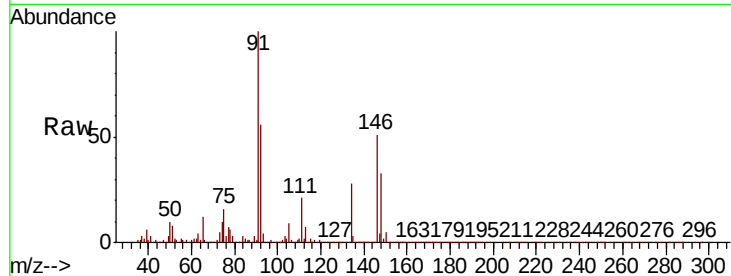
#85
n-Butylbenzene
Concen: 165.263 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 4559473
Ion Ratio Lower Upper
91 100
92 56.1 0.0 109.0
134 27.8 0.0 53.0

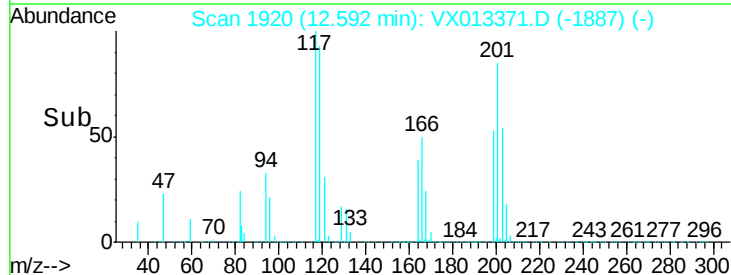
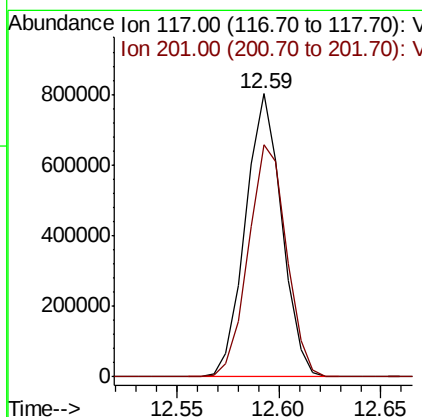
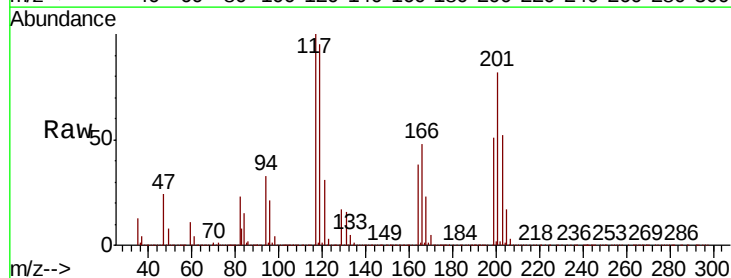
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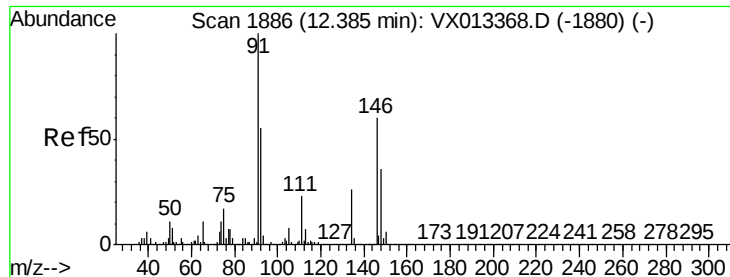
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#86
Hexachloroethane
Concen: 175.290 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion: 117 Resp: 995427
Ion Ratio Lower Upper
117 100
201 85.8 44.5 133.3





#87

1,2-Dichlorobenzene

Concen: 167.315 ug/l

RT: 12.39 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Instrument :

MSVOA_X

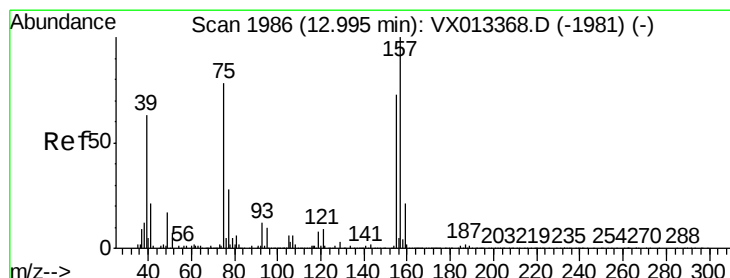
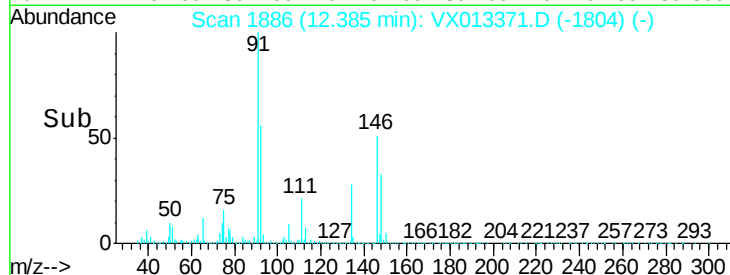
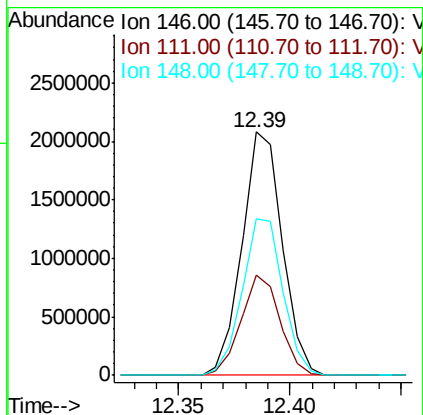
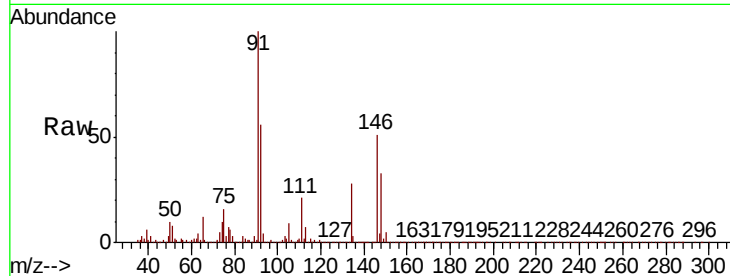
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	2638314
Ion	Ratio	Lower	Upper
146	100		
111	40.1	19.6	58.7
148	64.9	31.6	94.7

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#88

1,2-Dibromo-3-Chloropropane

Concen: 174.360 ug/l

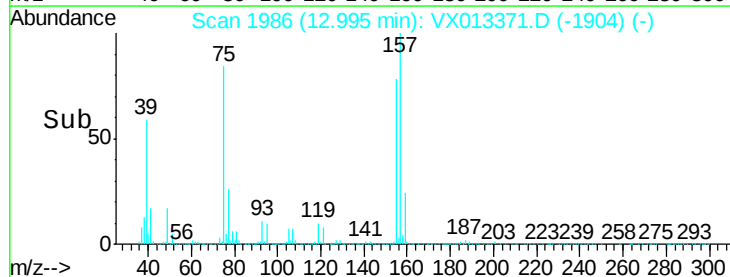
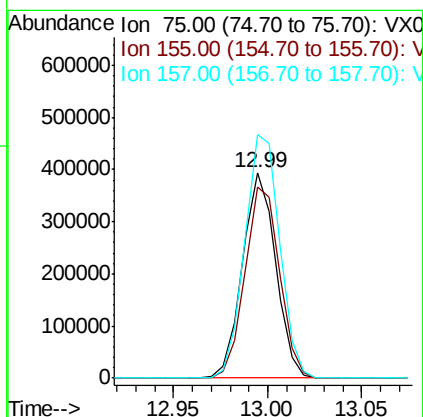
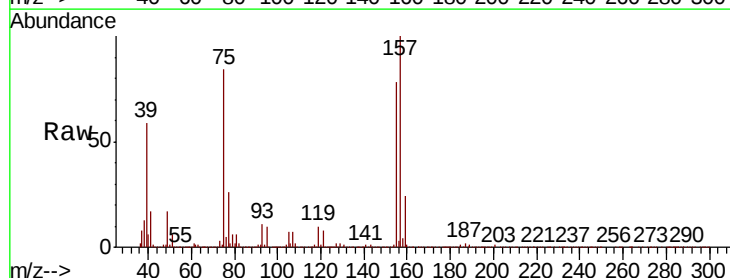
RT: 12.99 min Scan# 1986

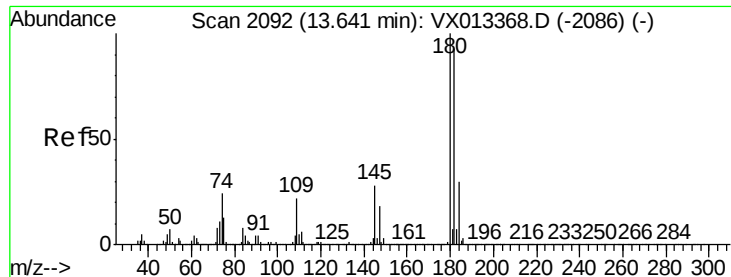
Delta R.T. 0.00 min

Lab File: VX013371.D

Acq: 11 Nov 2019 18:02

Tgt Ion:	75	Resp:	481501
Ion	Ratio	Lower	Upper
75	100		
155	96.8	76.9	115.3
157	124.9	101.2	151.8





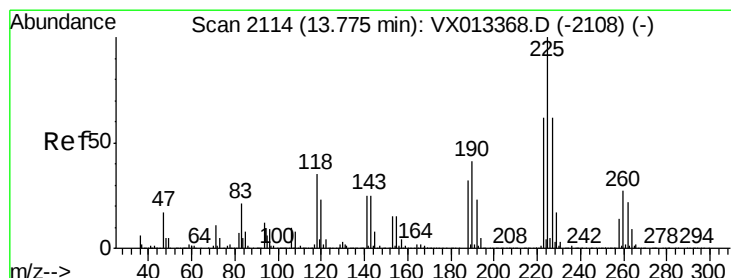
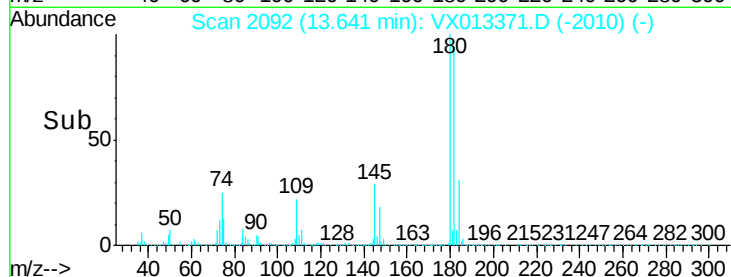
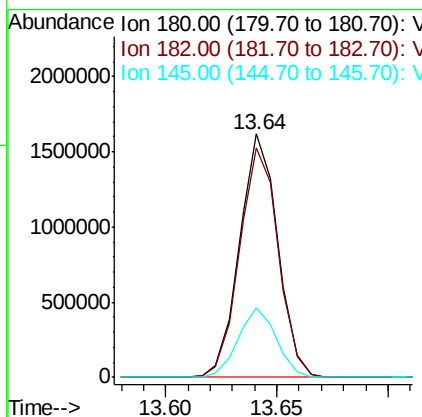
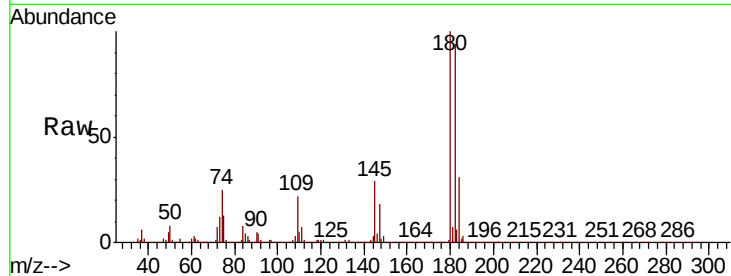
#89
1,2,4-Trichlorobenzene
Concen: 192.135 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.7	112.1
145	28.7	22.1	33.1

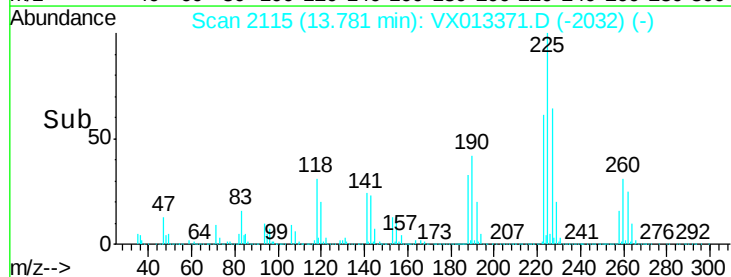
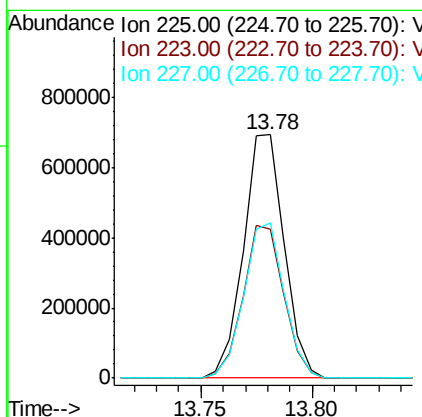
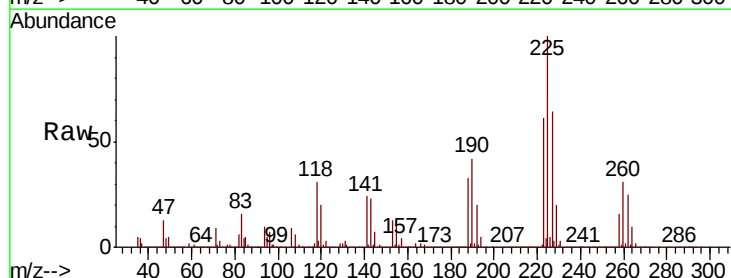
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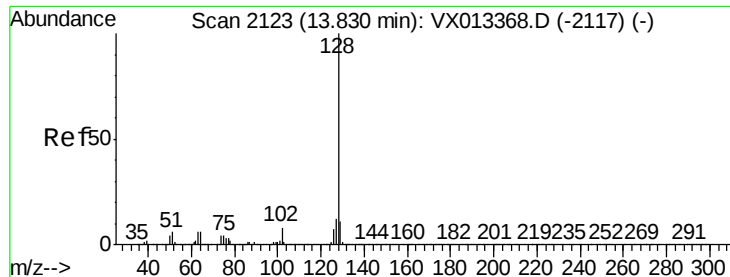
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#90
Hexachlorobutadiene
Concen: 174.866 ug/l
RT: 13.78 min Scan# 2115
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	0.0	123.0
227	63.0	0.0	121.8





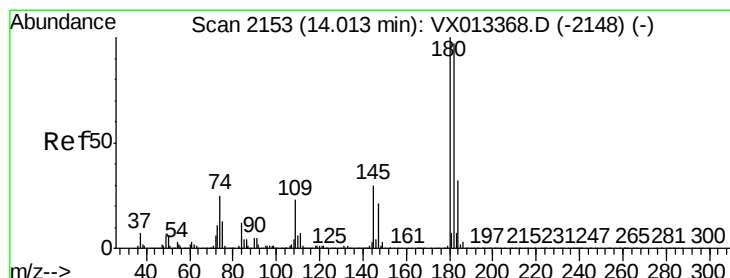
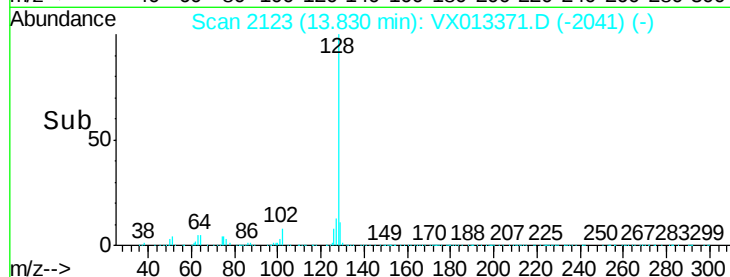
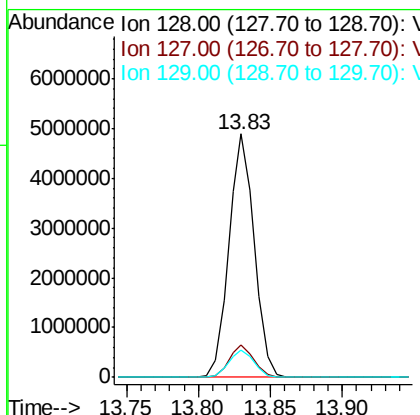
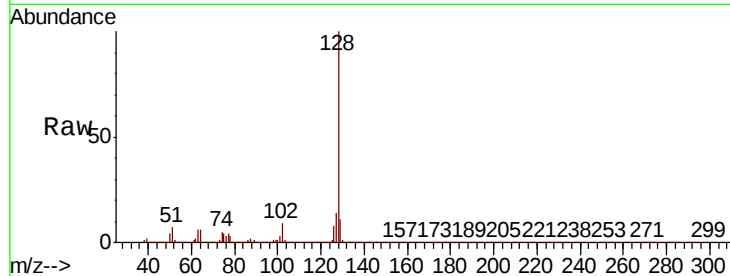
#91
Naphthalene
Concen: 185.835 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.2	15.2
129	11.2	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 185.466 ug/l
RT: 14.02 min Scan# 2154
Delta R.T. 0.01 min
Lab File: VX013371.D
Acq: 11 Nov 2019 18:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	191.0
145	30.3	0.0	59.0

