

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111119\
 Data File : VX013369.D
 Acq On : 11 Nov 2019 17:16
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 11/12/2019 11:49:42 AM

Quant Time: Nov 12 01:13:04 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	5.00	128	119748	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	680994	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	613851	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	259999	28.07	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.57%
60) 4-Bromofluorobenzene	11.14	95	294836	28.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	93.60%
63) Toluene-d8	8.71	98	833343	30.52	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	470683	54.761	ug/l 99
3) Chloromethane	1.31	50	498754	63.076	ug/l 99
4) Vinyl Chloride	1.40	62	576213	68.996	ug/l 99
5) Bromomethane	1.62	94	326463	74.754	ug/l 98
6) Chloroethane	1.71	64	305315	59.958	ug/l 97
7) Trichlorofluoromethane	1.92	101	592919	48.556	ug/l 97
8) Diethyl Ether	2.17	74	272919	61.603	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	366999	48.884	ug/l 99
10) 1,1-Dichloroethene	2.36	96	369716	50.816	ug/l 99
11) Methyl Iodide	2.50	142	475203	51.082	ug/l 99
12) Methyl Acetate	2.76	43	663266	66.345	ug/l 99
13) Acrolein	2.28	56	336621	245.211	ug/l 100
14) Acrylonitrile	3.13	53	1199406	296.016	ug/l 98
15) Acetone	2.43	58	364666	272.925	ug/l 98
16) Carbon Disulfide	2.56	76	1042151	53.114	ug/l 100
17) Allyl chloride	2.72	41	686973	57.607	ug/l 99
18) Methylene Chloride	2.84	84	414379	49.426	ug/l 99
19) trans-1,2-Dichloroethene	3.16	96	396061	51.334	ug/l 98
20) Diisopropyl ether	3.84	45	1314922	57.341	ug/l # 86
21) 1,1-Dichloroethane	3.69	63	714535	52.301	ug/l 99
22) cis-1,2-Dichloroethene	4.58	96	450360	51.286	ug/l 98
23) tert-Butyl Alcohol	3.03	59	559706	269.446	ug/l # 100
24) Methyl tert-Butyl Ether	3.18	73	1228710	49.227	ug/l 100
25) Chloroform	5.20	83	689947	48.686	ug/l 98
26) Cyclohexane	5.57	56	652284	54.049	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	536742	51.731	ug/l 98
30) 2-Butanone	4.65	43	1768435	306.373	ug/l 99
31) 2,2-Dichloropropane	4.57	77	581637	48.590	ug/l 99
32) 1,1,1-Trichloroethane	5.48	97	595455	47.788	ug/l 98
33) Carbon Tetrachloride	5.77	117	513779	47.777	ug/l 99
34) Benzene	6.13	78	1620309	53.421	ug/l 100
35) Methacrylonitrile	5.03	41	360851	61.364	ug/l 98
36) 1,2-Dichloroethane	6.18	62	561426	49.659	ug/l 100
37) Trichloroethene	7.20	130	428071	51.283	ug/l 96
38) Methylcyclohexane	7.46	83	657559	51.409	ug/l 99
39) 1,2-Dichloropropane	7.51	63	421426	56.094	ug/l 100
40) Dibromomethane	7.65	93	276974	52.304	ug/l 99

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Manual Integrations
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MMDadoda
 11/12/2019 11:49:42 AM

Quant Time: Nov 12 01:13:04 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	544546	51.114	ug/l	98
42) Vinyl Acetate	3.80	43	5590707	287.028	ug/l	100
43) Ethyl Acetate	4.82	43	639684	60.575	ug/l	97
44) Isopropyl Acetate	6.43	43	1031431	59.438	ug/l	99
45) 1,4-Dioxane	7.73	88	226157	1065.731	ug/l	99
46) Methyl methacrylate	7.76	41	520716	60.956	ug/l	98
47) n-amyl Acetate	10.89	43	921950	62.123	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	614877	52.541	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	685544	53.724	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	408666	52.069	ug/l	98
51) Ethyl methacrylate	9.17	69	683163	55.239	ug/l	99
52) 1,3-Dichloropropane	9.37	76	698324	52.753	ug/l	99
53) Dibromochloromethane	9.57	129	444636	52.750	ug/l	98
54) 1,2-Dibromoethane	9.67	107	438563	52.358	ug/l	98
55) 2-Chloroethyl vinyl ether	8.31	63	1387364	270.833	ug/l	100
56) Bromoform	10.85	173	349148	57.123	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	3320179	310.200	ug/l	100
59) 2-Hexanone	9.48	43	2620412	310.790	ug/l	100
61) Tetrachloroethene	9.33	164	382950	48.730	ug/l	96
62) Toluene	8.78	91	1736808	52.465	ug/l	99
64) Chlorobenzene	10.14	112	1088798	51.672	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	411478	52.312	ug/l	99
66) Ethyl Benzene	10.25	91	1927352	51.027	ug/l	99
67) m/p-Xylenes	10.35	106	1481623	103.329	ug/l	100
68) o-Xylene	10.70	106	716528	51.966	ug/l	98
69) Styrene	10.71	104	1237501	52.450	ug/l	99
70) Isopropylbenzene	11.01	105	1882081	50.246	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	672589	56.610	ug/l	99
72) 1,2,3-Trichloropropane	11.29	75	533757m	54.186	ug/l	
73) Bromobenzene	11.25	156	488796	53.269	ug/l	98
74) n-propylbenzene	11.35	91	2166883	52.349	ug/l	100
75) 2-Chlorotoluene	11.42	91	1257012	49.060	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	1577990	49.979	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	237865	59.444	ug/l	96
78) 4-Chlorotoluene	11.51	91	1449954	49.405	ug/l	100
79) tert-butylbenzene	11.76	119	1587365	51.481	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	1578068	50.082	ug/l	99
81) sec-Butylbenzene	11.94	105	1835137	50.856	ug/l	100
82) p-Isopropyltoluene	12.06	119	1683728	50.816	ug/l	98
83) 1,3-Dichlorobenzene	12.02	146	860668	51.877	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	844341	51.450	ug/l	100
85) n-Butylbenzene	12.39	91	1464555	51.880	ug/l	99
86) Hexachloroethane	12.59	117	309417	53.251	ug/l	98
87) 1,2-Dichlorobenzene	12.39	146	852334	52.827	ug/l	98
88) 1,2-Dibromo-3-Chloropropan	12.99	75	153106	54.185	ug/l	99
89) 1,2,4-Trichlorobenzene	13.64	180	602405	58.627	ug/l	98
90) Hexachlorobutadiene	13.78	225	283626	54.611	ug/l	98
91) Naphthalene	13.83	128	1948278	58.623	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	608202	57.857	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

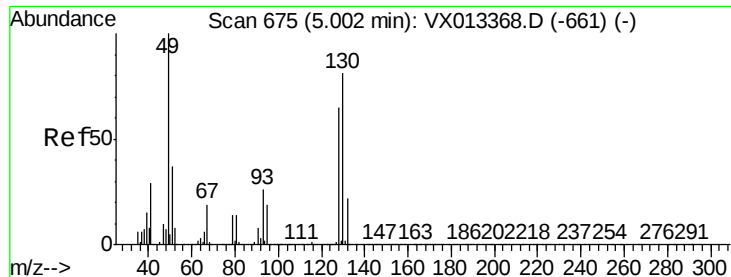
Manual Integrations
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11/12/2019 11:49:42 AM

Quant Time: Nov 12 01:13:04 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
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

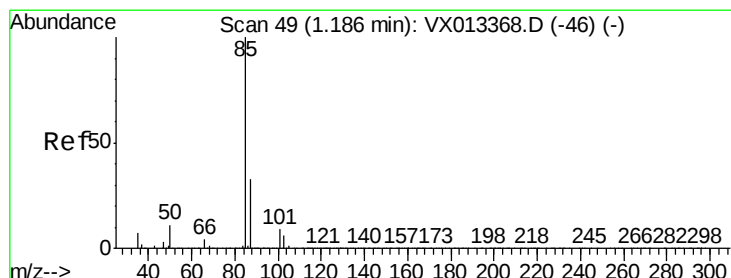
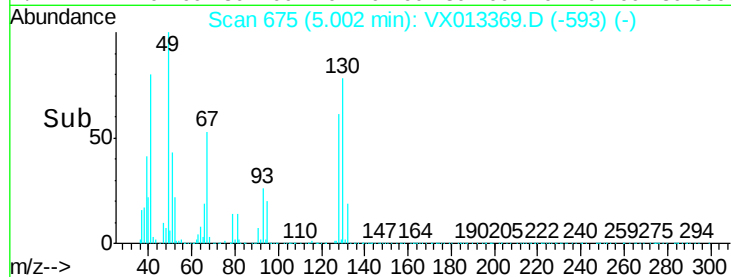
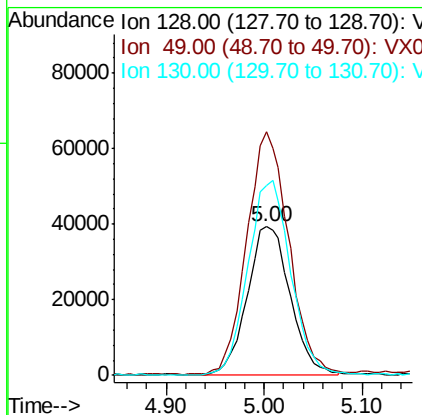
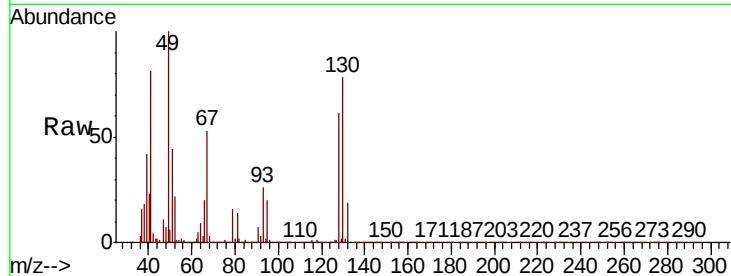
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	157.6	0.0	388.3
130	131.4	0.0	318.5

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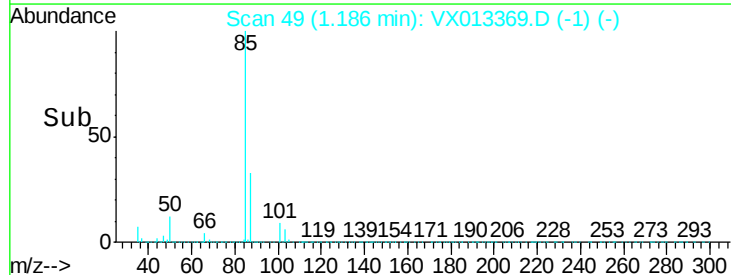
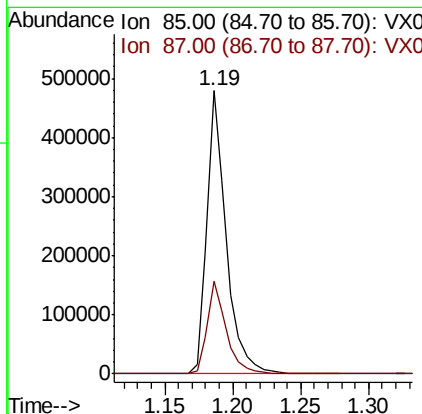
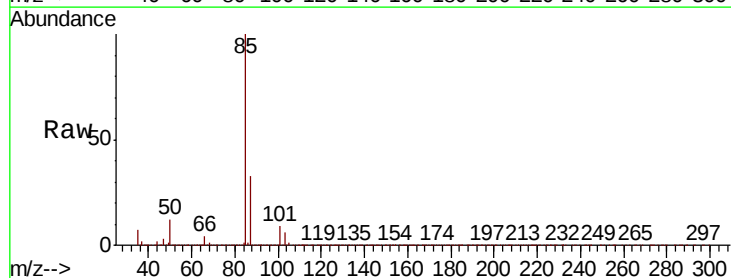
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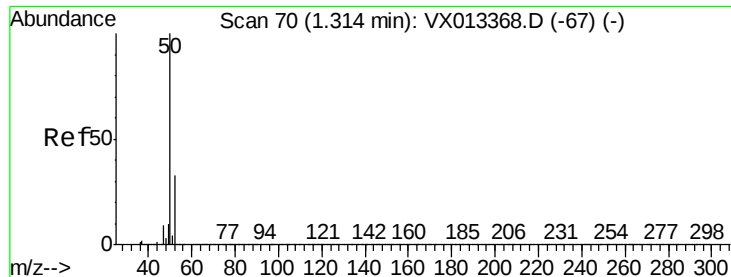


#2

Dichlorodifluoromethane
Concen: 54.761 ug/l
RT: 1.19 min Scan# 49
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.6	49.7





#3

Chloromethane

Concen: 63.076 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 498754

Ion Ratio Lower Upper

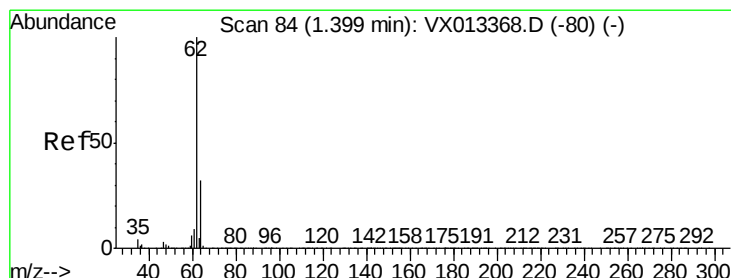
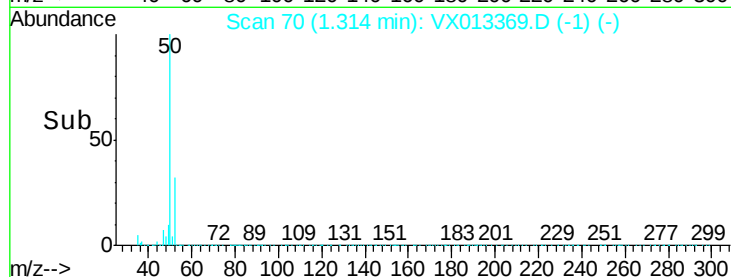
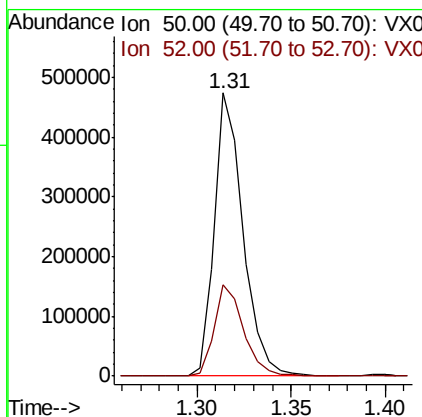
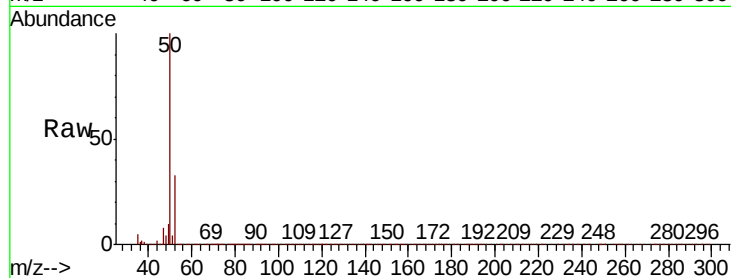
50 100

52 32.5 26.6 40.0

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#4

Vinyl Chloride

Concen: 68.996 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX013369.D

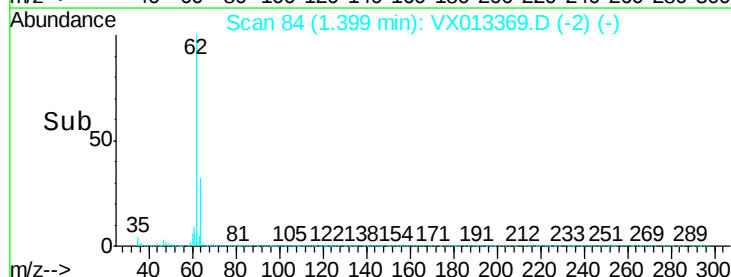
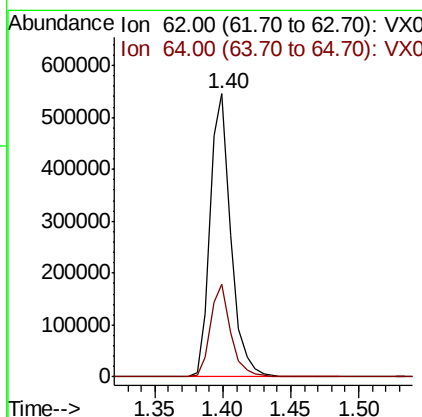
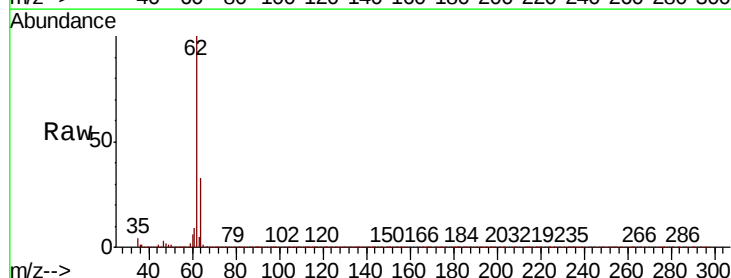
Acq: 11 Nov 2019 17:16

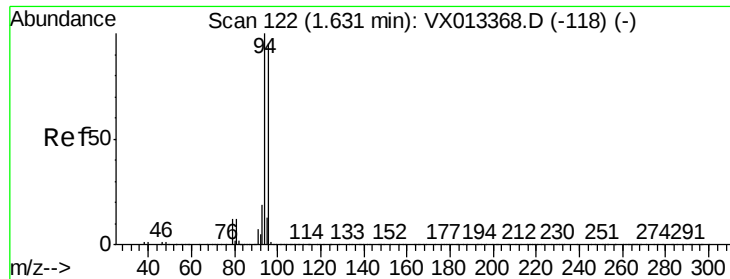
Tgt Ion: 62 Resp: 576213

Ion Ratio Lower Upper

62 100

64 32.4 25.4 38.2





#5

Bromomethane

Concen: 74.754 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 326463

Ion Ratio Lower Upper

94 100

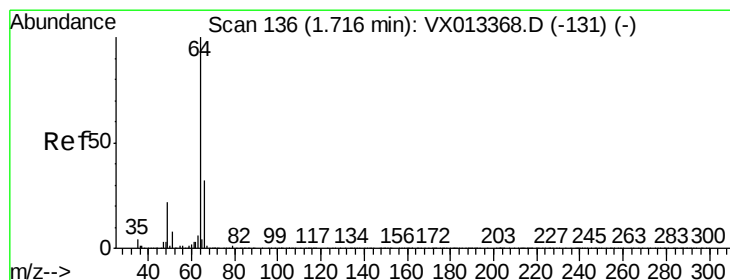
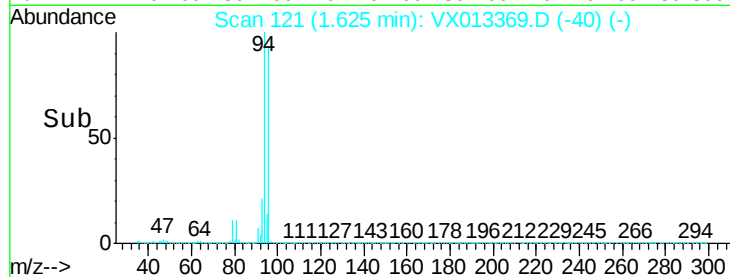
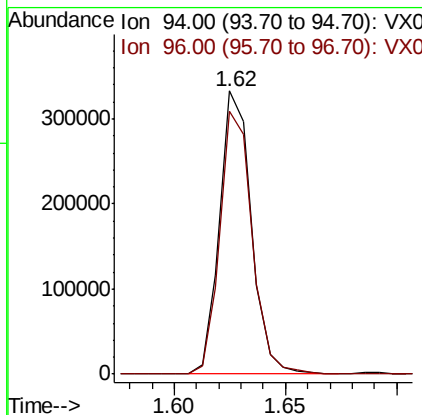
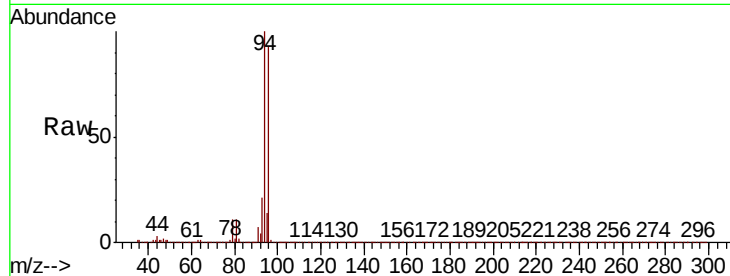
96 92.9 75.7 113.5

Manual Integrations

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11/12/2019 11:49:42 AM



#6

Chloroethane

Concen: 59.958 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.01 min

Lab File: VX013369.D

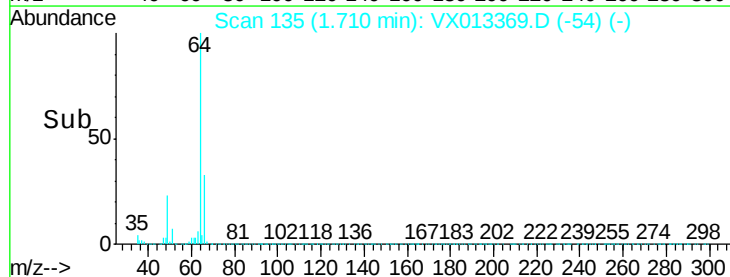
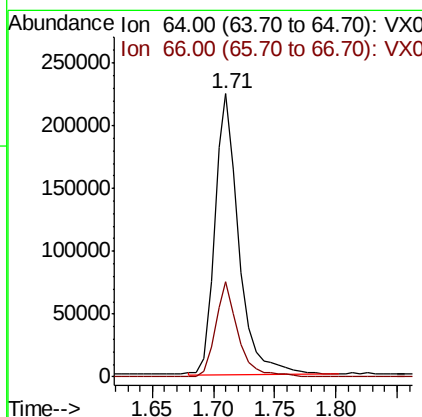
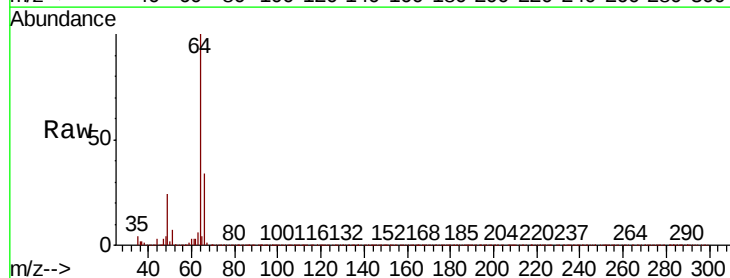
Acq: 11 Nov 2019 17:16

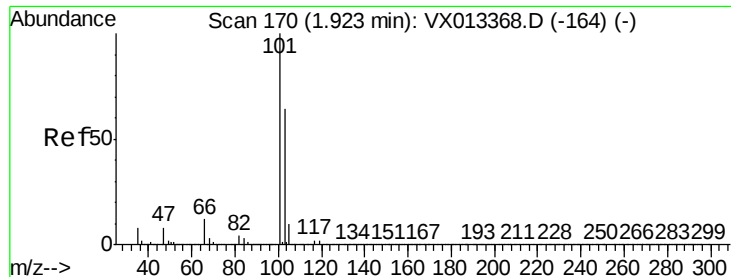
Tgt Ion: 64 Resp: 305315

Ion Ratio Lower Upper

64 100

66 33.8 25.5 38.3





#7

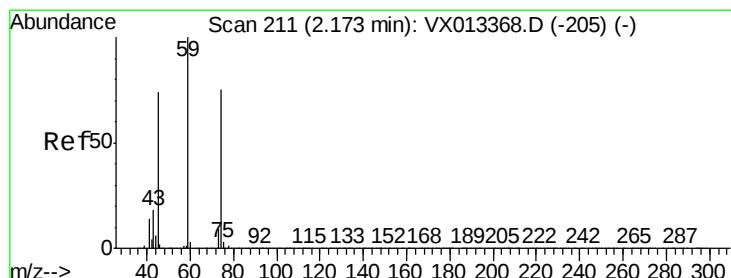
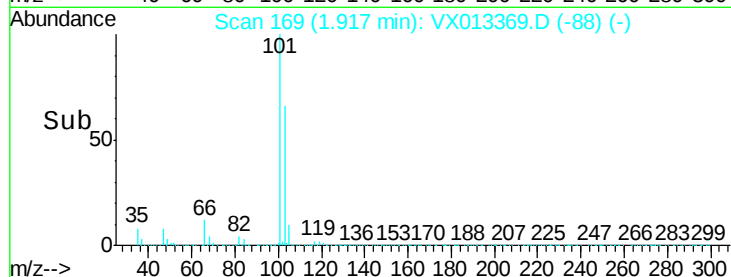
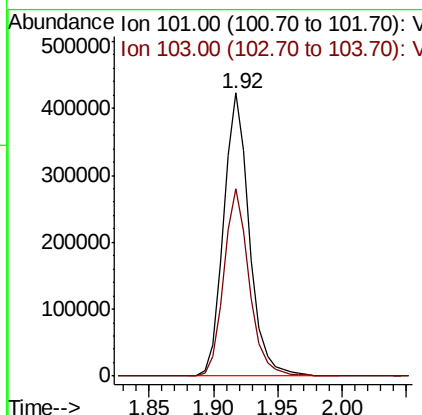
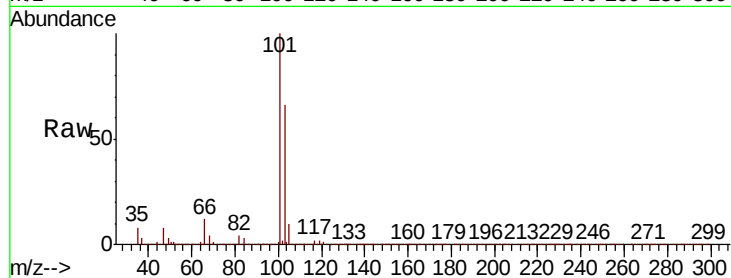
Trichlorofluoromethane
Concen: 48.556 ug/l
RT: 1.92 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.0	51.2	76.8

Manual Integrations
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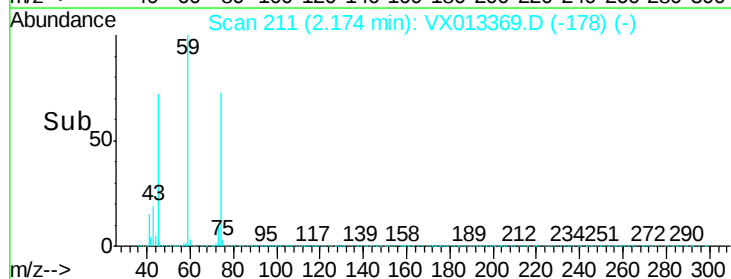
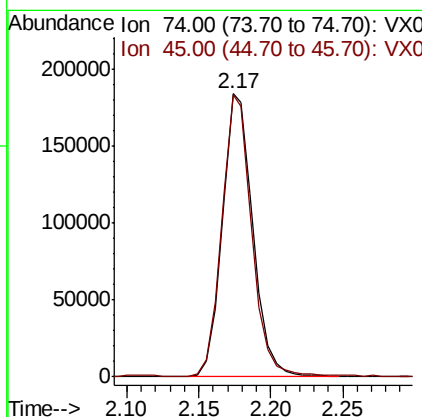
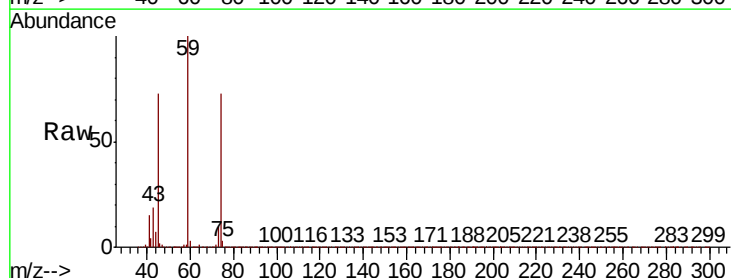
MMDadoda
11/12/2019 11:49:42 AM

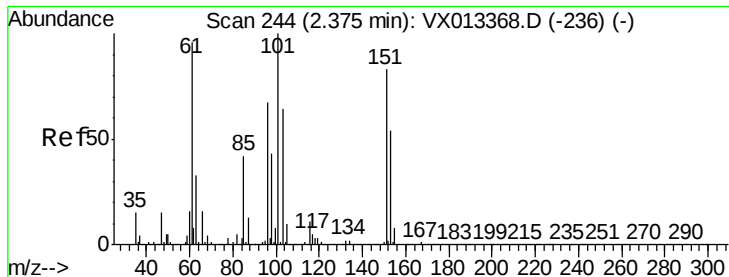


#8

Diethyl Ether
Concen: 61.603 ug/l
RT: 2.17 min Scan# 211
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.4	19.5	175.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.884 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

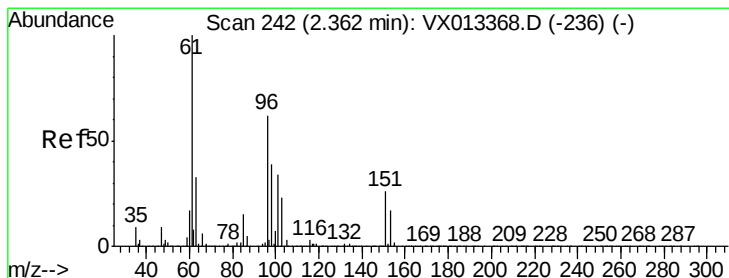
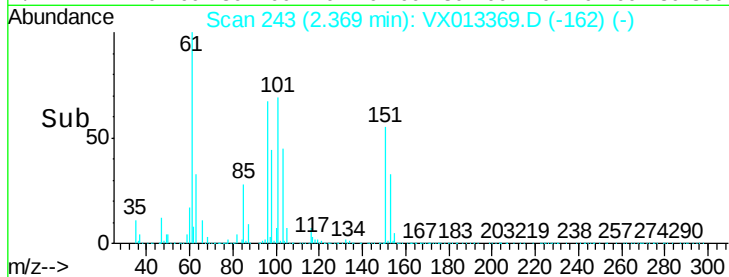
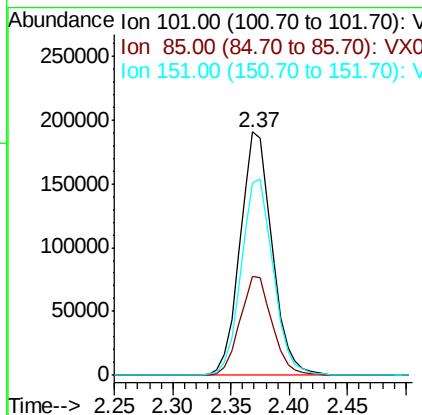
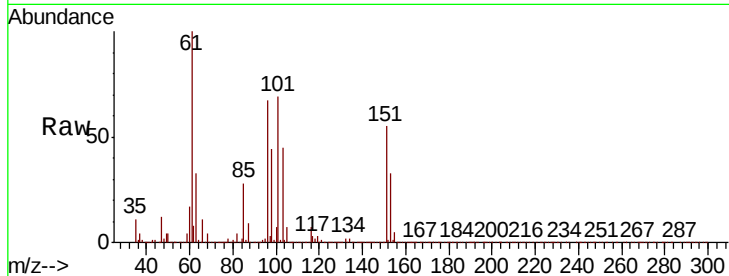
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	366999
Ion Ratio	Lower	Upper	
101	100		
85	40.8	0.0	83.2
151	80.6	0.0	163.8

Manual Integrations
APPROVED

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11/12/2019 11:49:42 AM



#10

1,1-Dichloroethene

Concen: 50.816 ug/l

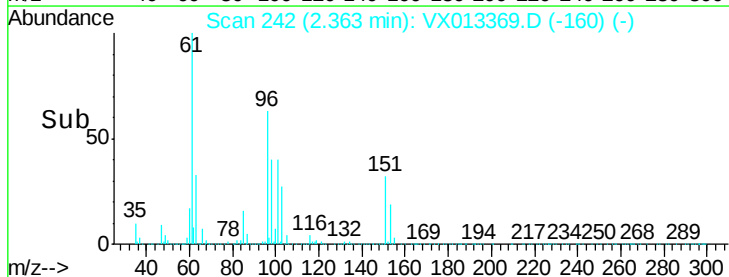
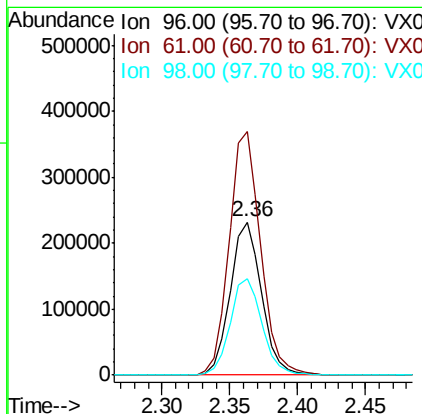
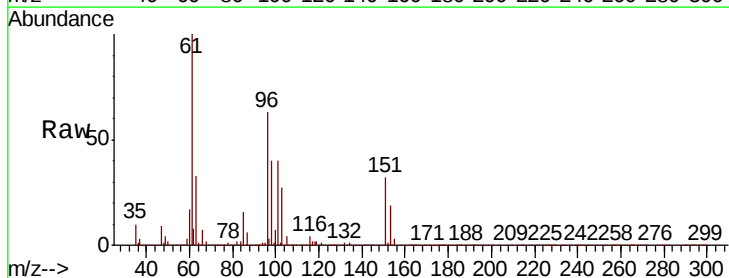
RT: 2.36 min Scan# 242

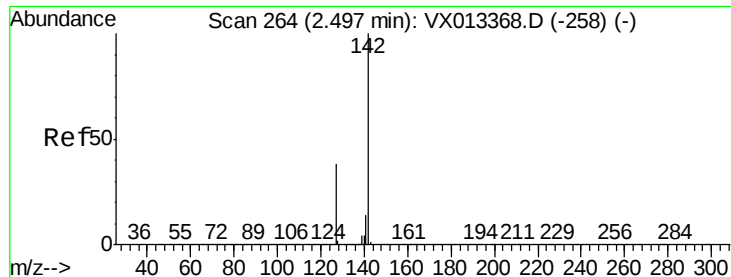
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	96	Resp:	369716
Ion Ratio	Lower	Upper	
96	100		
61	159.1	128.9	193.3
98	63.1	49.7	74.5





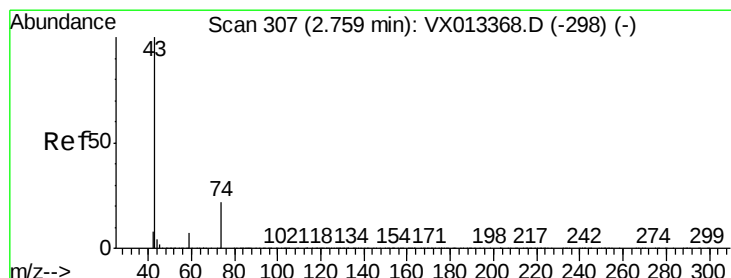
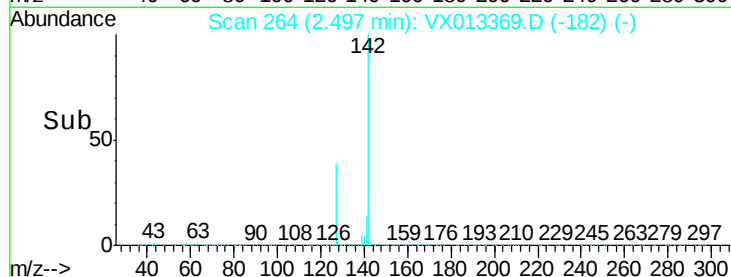
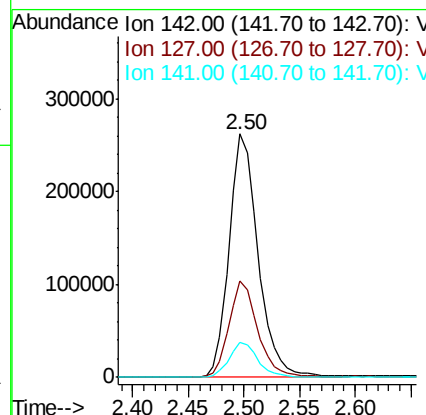
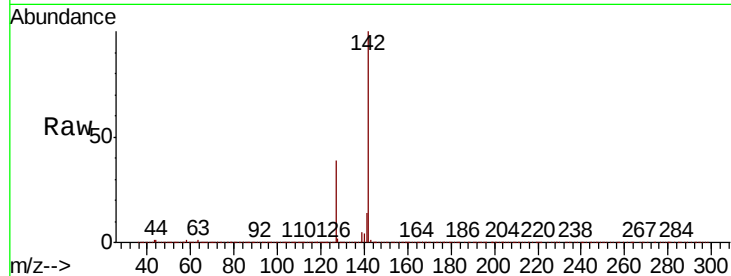
#11
Methvl Iodide
Concen: 51.082 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.3	19.1	57.5
141	14.2	7.0	21.0

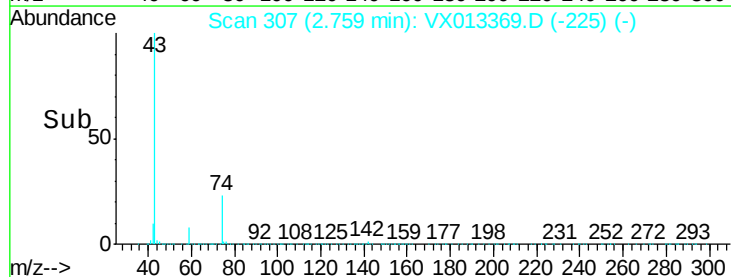
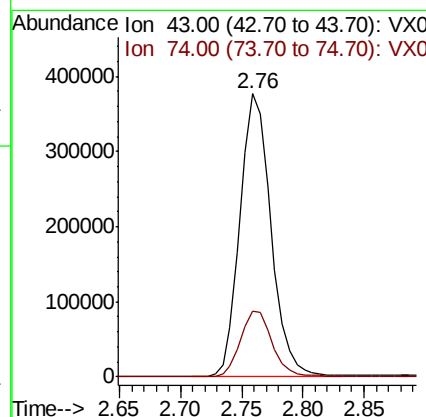
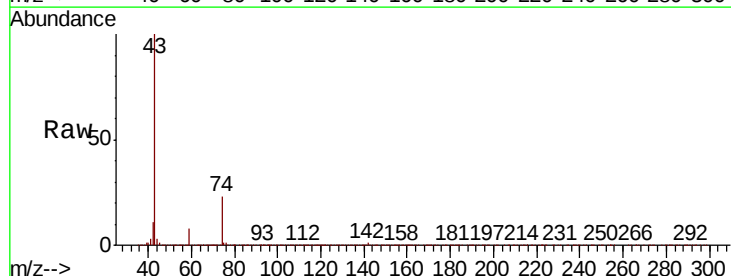
Manual Integrations
APPROVED

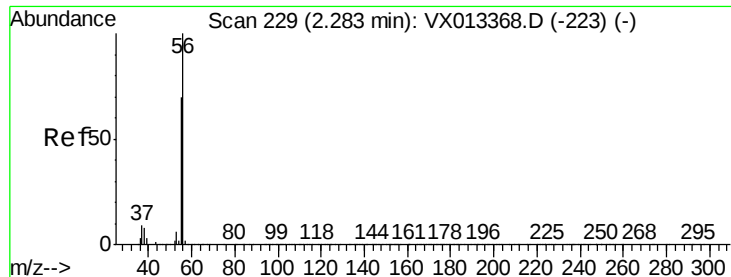
MMDadoda
11/12/2019 11:49:42 AM



#12
Methyl Acetate
Concen: 66.345 ug/l
RT: 2.76 min Scan# 307
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.1	18.0	27.0





#13

Acrolein

Concen: 245.211 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 336621

Ion Ratio Lower Upper

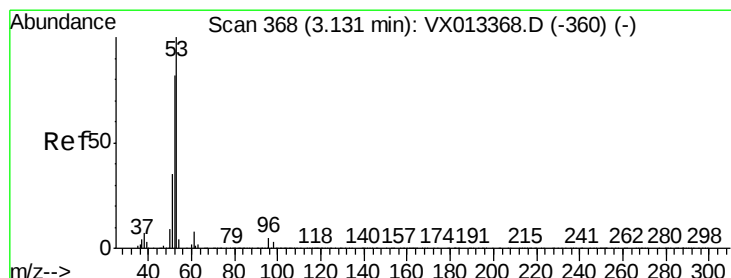
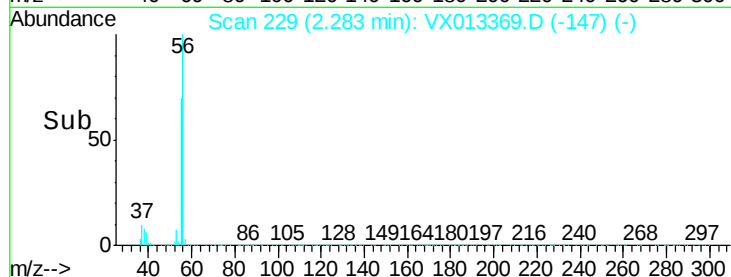
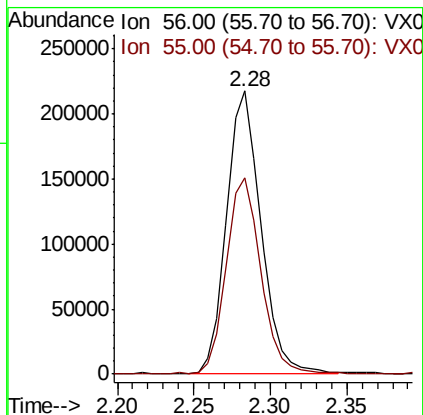
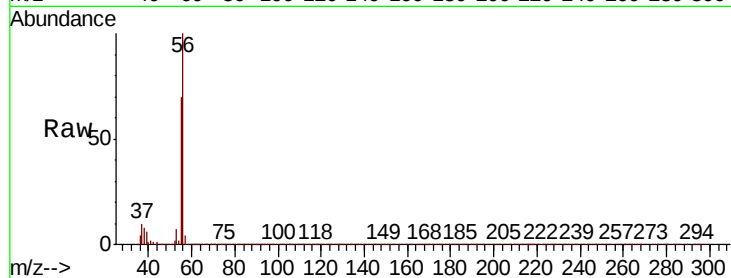
56 100

55 69.5 55.8 83.8

Manual Integrations
APPROVED

MMDadoda

11/12/2019 11:49:42 AM



#14

Acrylonitrile

Concen: 296.016 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

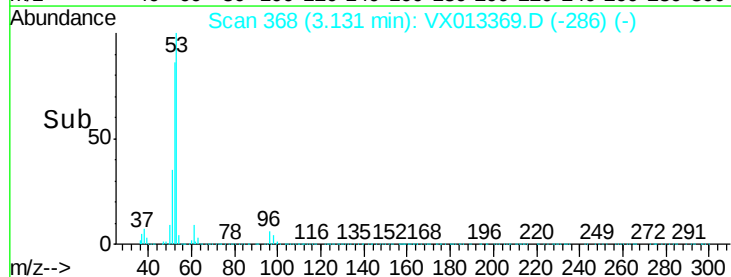
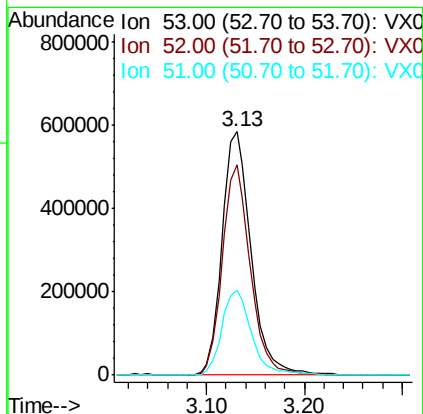
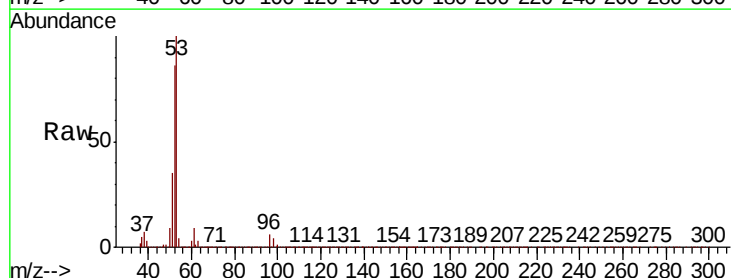
Tgt Ion: 53 Resp: 1199406

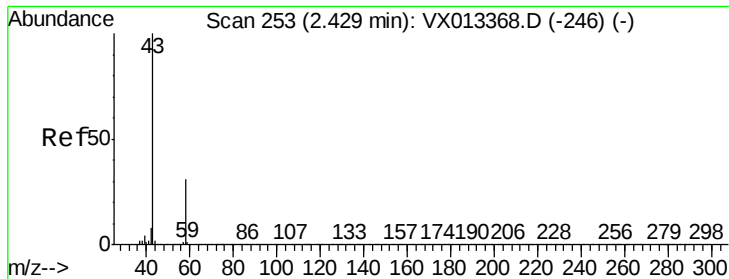
Ion Ratio Lower Upper

53 100

52 83.3 41.0 123.0

51 35.8 17.3 51.9





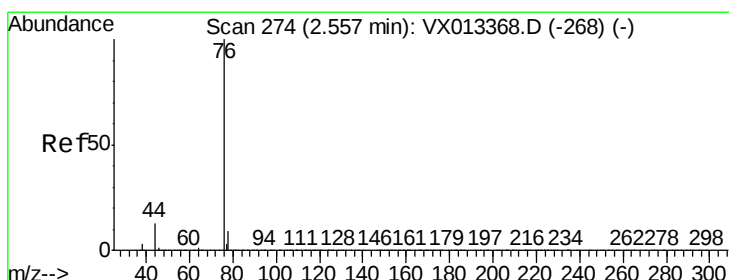
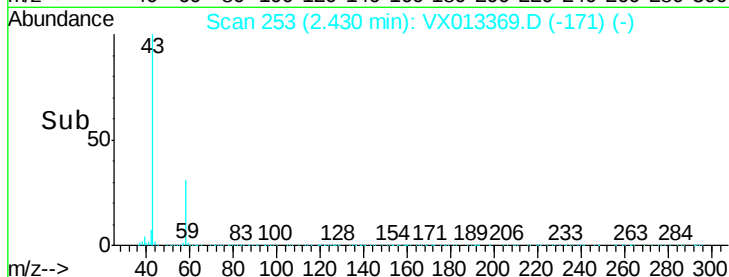
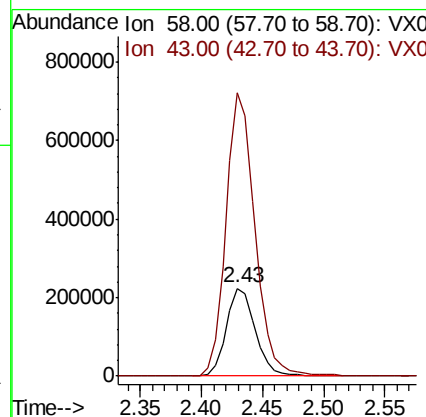
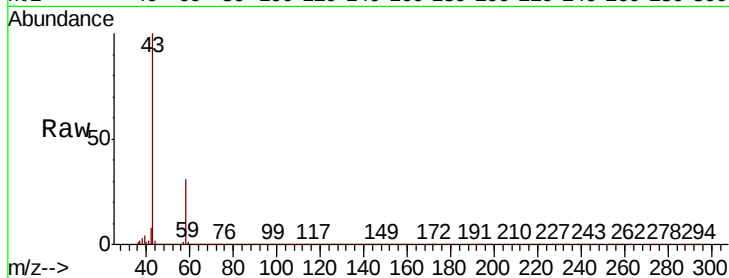
#15
Acetone
Concen: 272.925 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
58	100		
43	322.3	261.4	392.2

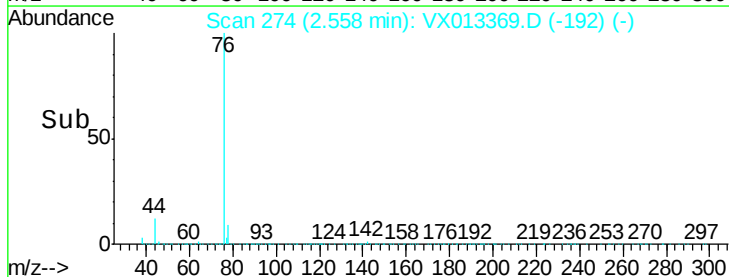
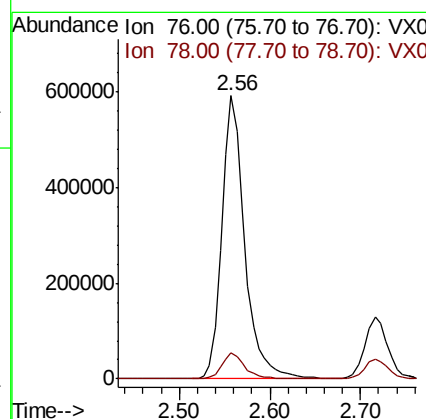
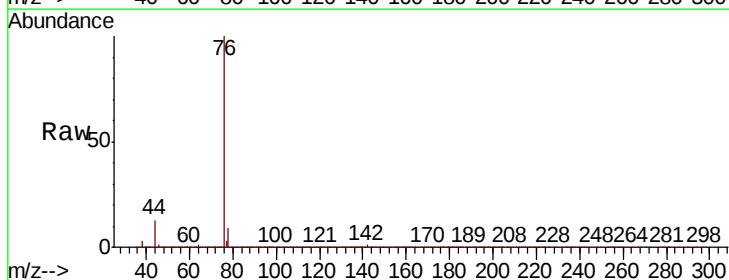
Manual Integrations
APPROVED

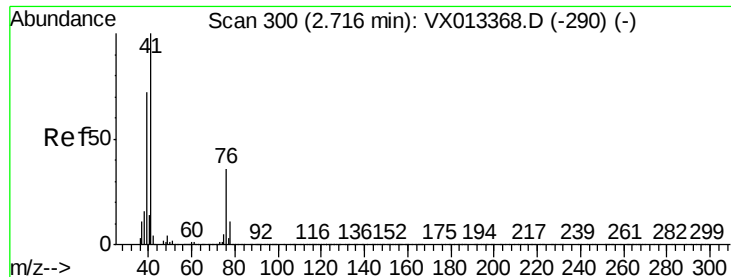
MMDadoda
11/12/2019 11:49:42 AM



#16
Carbon Disulfide
Concen: 53.114 ug/l
RT: 2.56 min Scan# 274
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.4	11.0





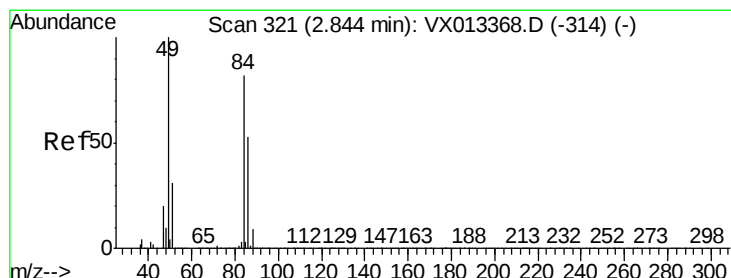
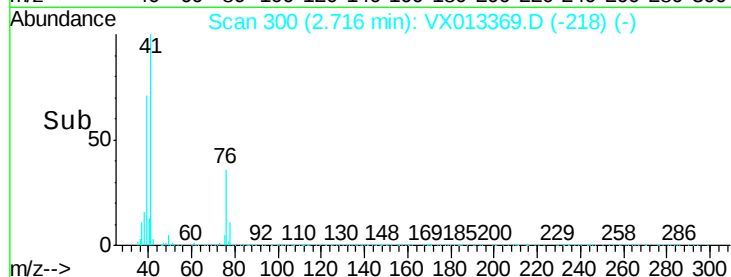
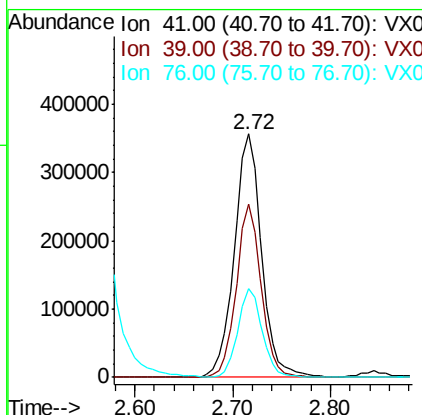
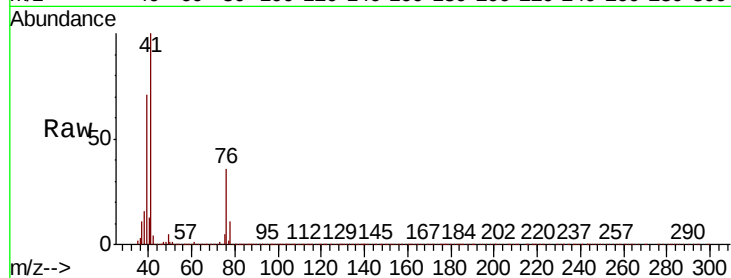
#17
Allvl chloride
Concen: 57.607 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	71.1	36.1	108.3
76	36.1	18.1	54.4

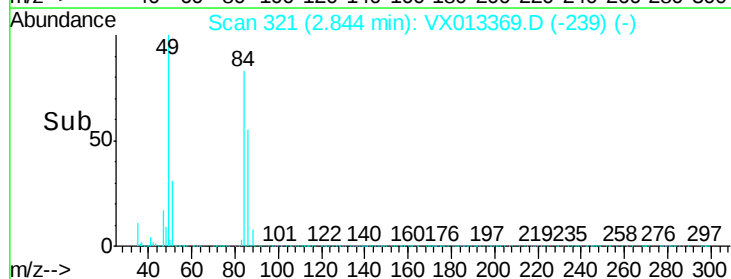
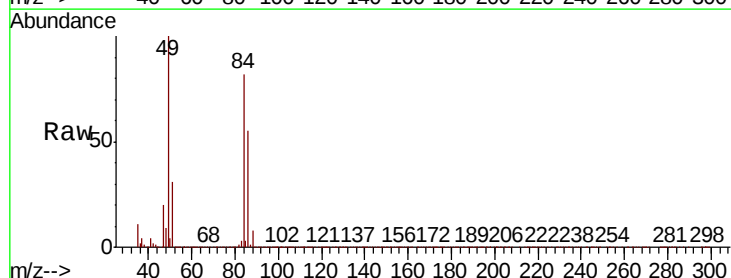
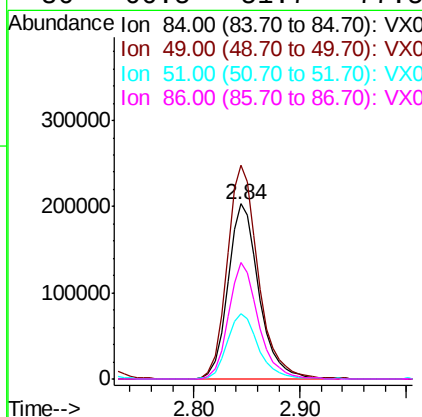
Manual Integrations
APPROVED

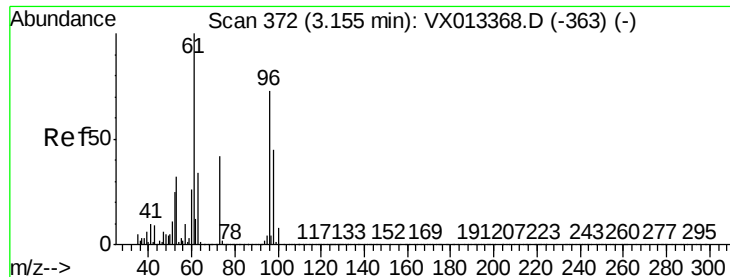
MMDadoda
11/12/2019 11:49:42 AM



#18
Methylene Chloride
Concen: 49.426 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.8	96.8	145.2
51	37.4	30.0	45.0
86	66.5	51.7	77.5





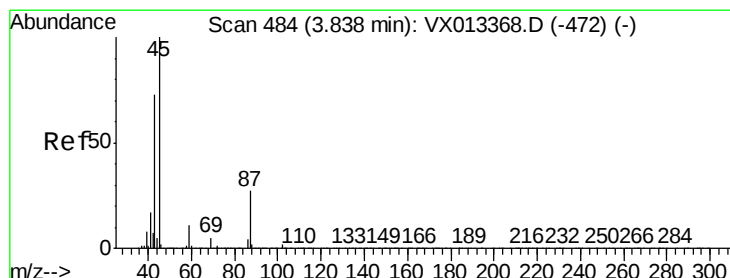
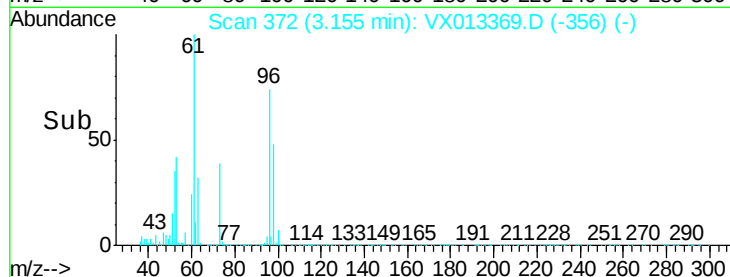
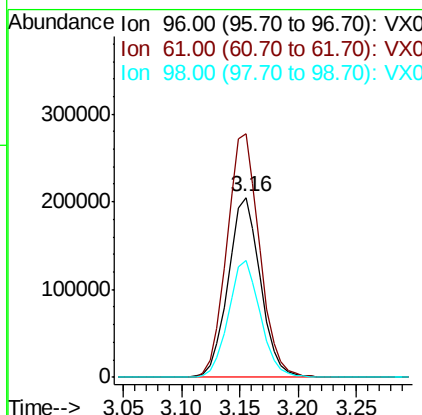
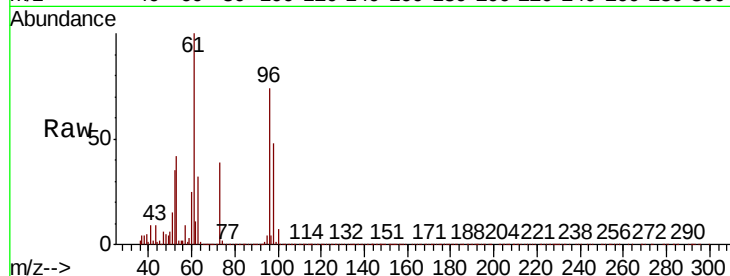
#19
trans-1,2-Dichloroethene
Concen: 51.334 ug/l
RT: 3.16 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	135.2	109.9	164.9
98	65.0	49.7	74.5

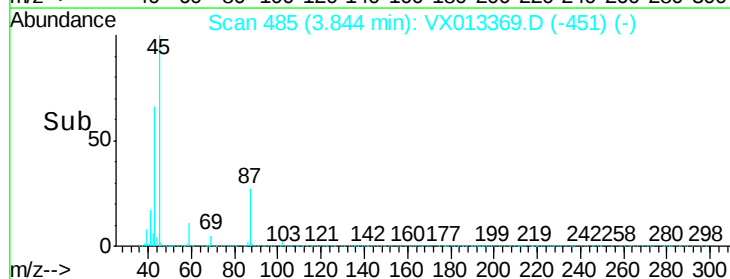
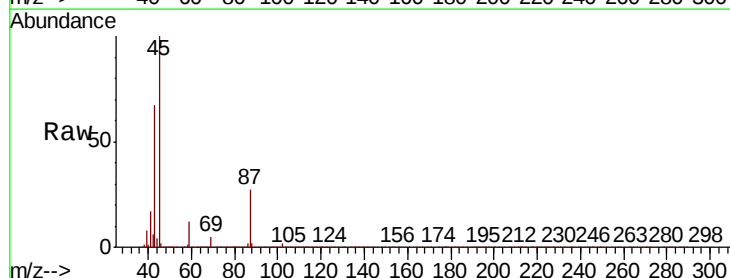
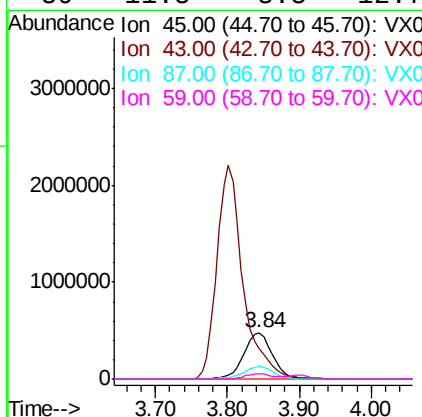
Manual Integrations
APPROVED

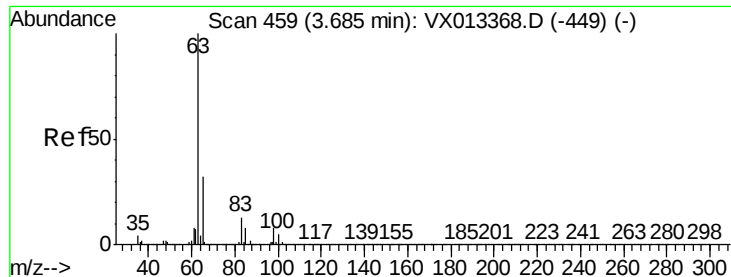
MMDadoda
11/12/2019 11:49:42 AM



#20
Diisopropyl ether
Concen: 57.341 ug/l
RT: 3.84 min Scan# 485
Delta R.T. 0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
45	100		
43	66.3	67.7	101.5#
87	27.2	21.5	32.3
59	11.5	8.5	12.7





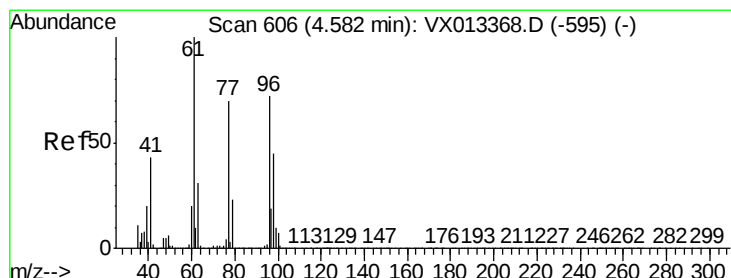
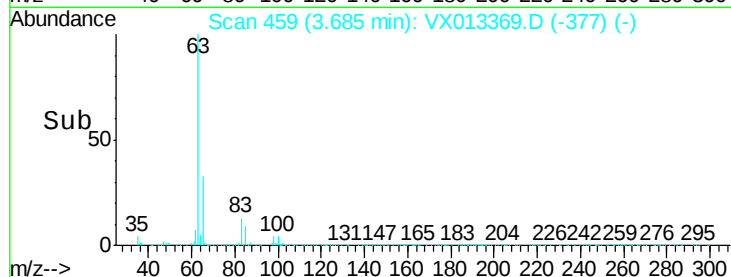
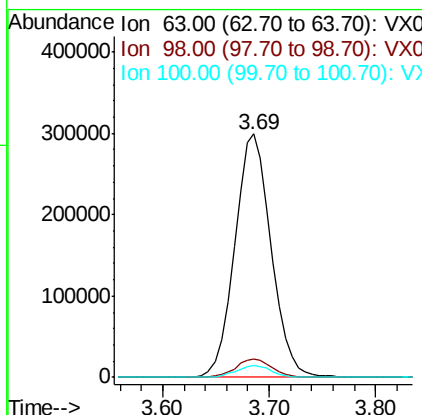
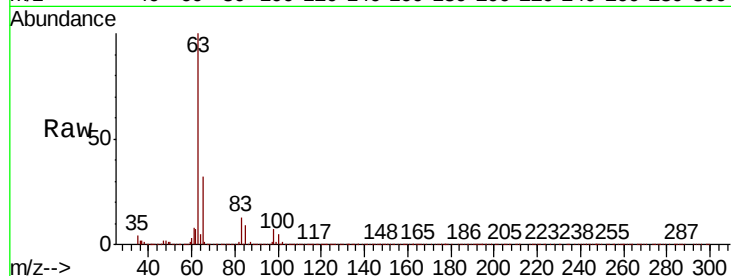
#21
1,1-Dichloroethane
Concen: 52.301 ug/l
RT: 3.69 min Scan# 459
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
63	100				
98	7.3		4.0	11.9	
100	4.7		2.5	7.5	

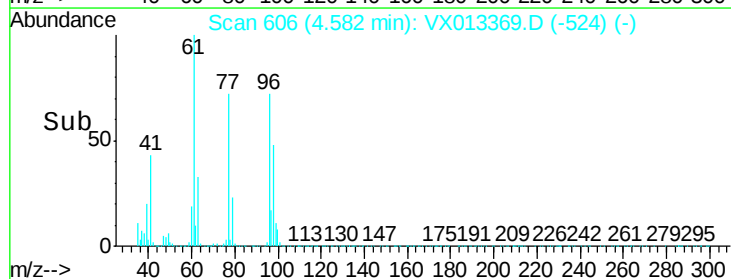
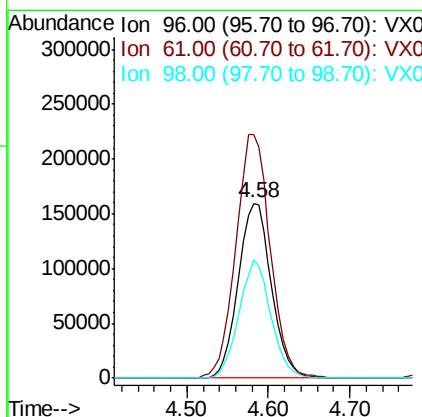
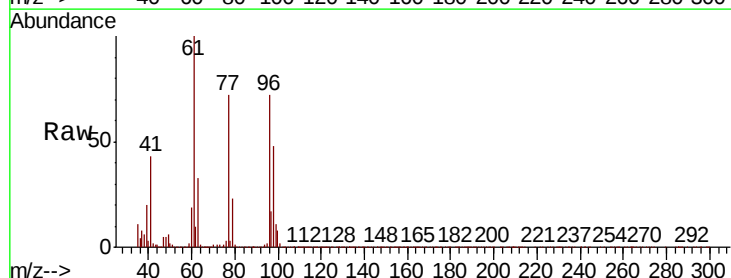
Manual Integrations
APPROVED

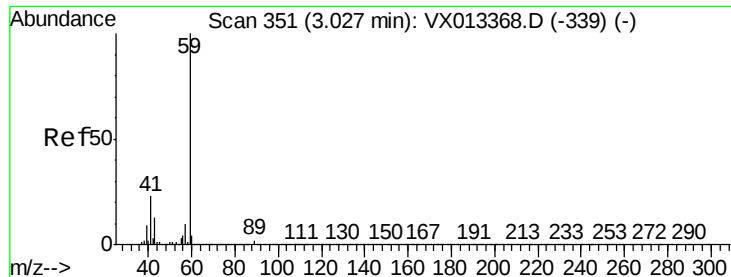
MMDadoda
11/12/2019 11:49:42 AM



#22
cis-1,2-Dichloroethene
Concen: 51.286 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	100				
61	143.6		117.0	175.6	
98	64.7		51.1	76.7	





#23

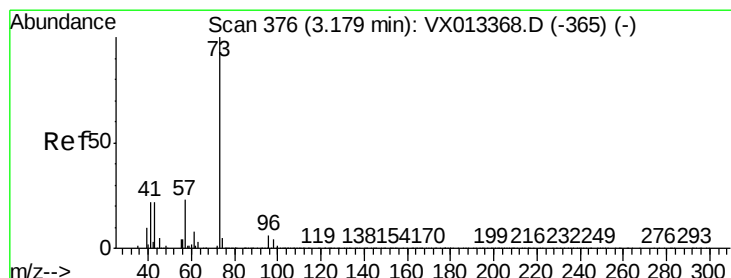
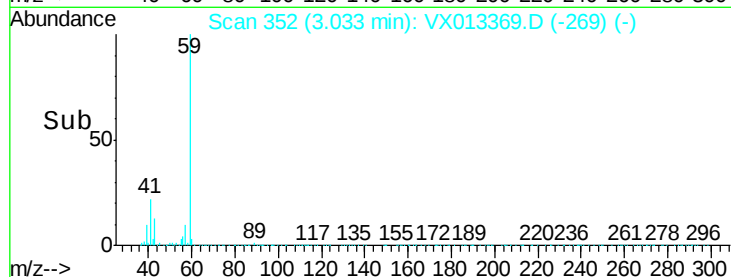
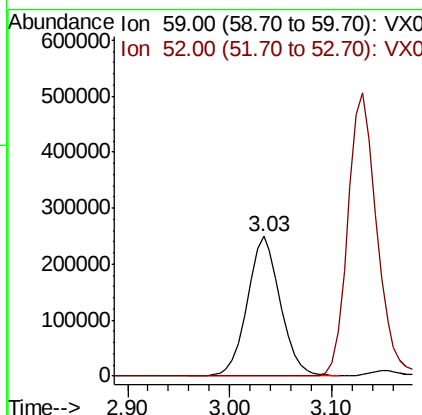
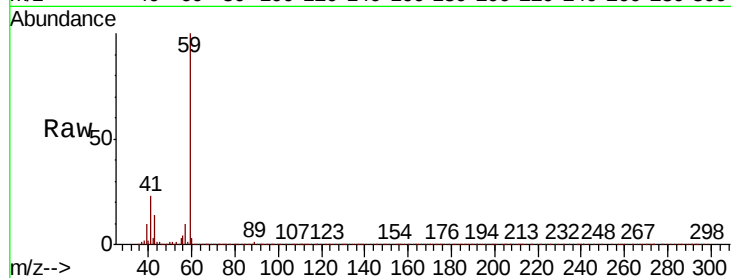
tert-Butyl Alcohol
Concen: 269.446 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

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

Manual Integrations
APPROVED

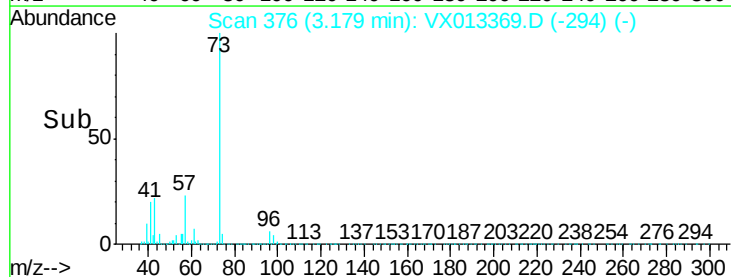
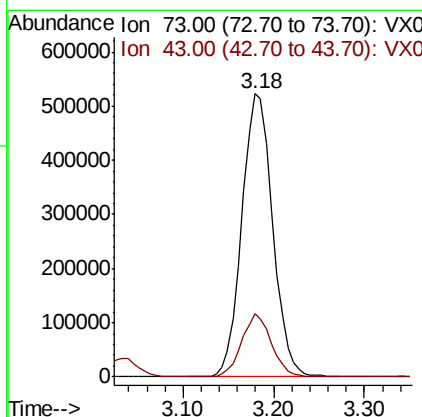
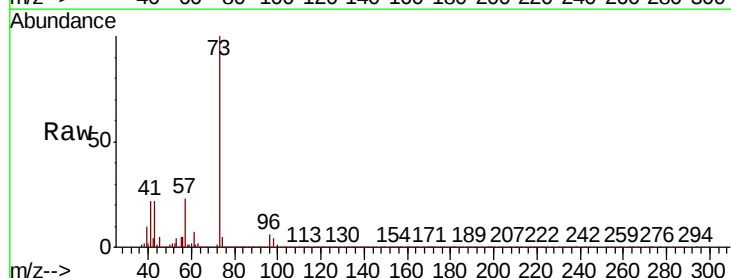
MMDadoda
11/12/2019 11:49:42 AM

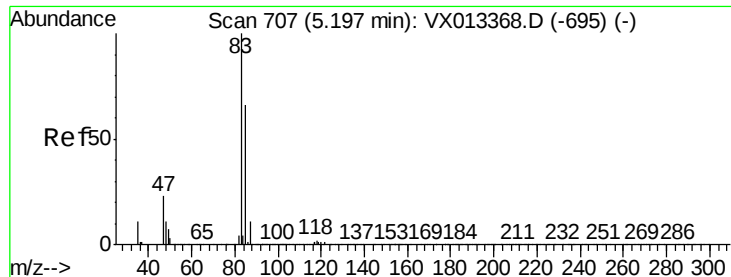


#24

Methyl tert-Butyl Ether
Concen: 49.227 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.0	25.6





#25

Chloroform

Concen: 48.686 ug/l

RT: 5.20 min Scan# 707

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 689947

Ion Ratio Lower Upper

83 100

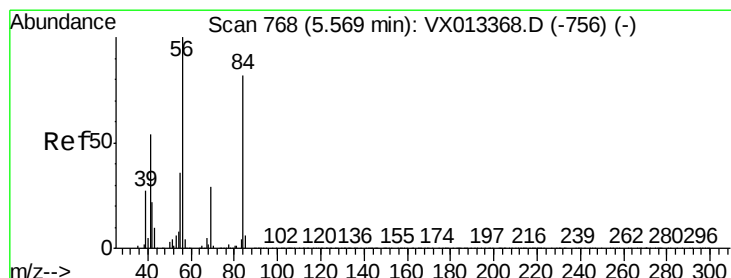
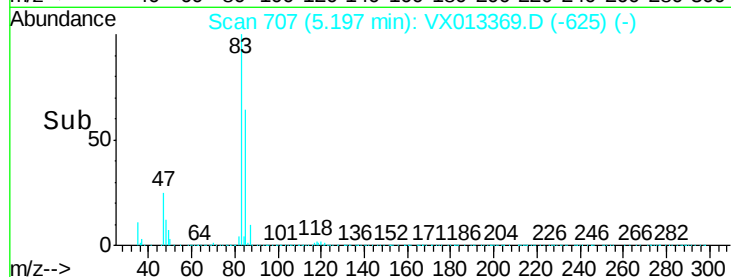
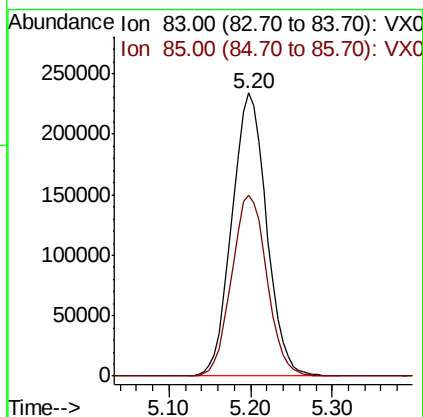
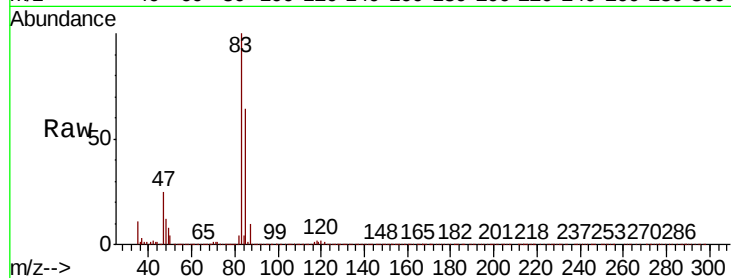
85 63.7 52.4 78.6

Manual Integrations

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MMDadoda

11/12/2019 11:49:42 AM



#26

Cyclohexane

Concen: 54.049 ug/l

RT: 5.57 min Scan# 768

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

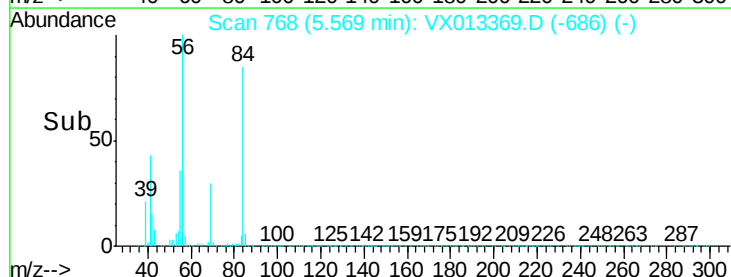
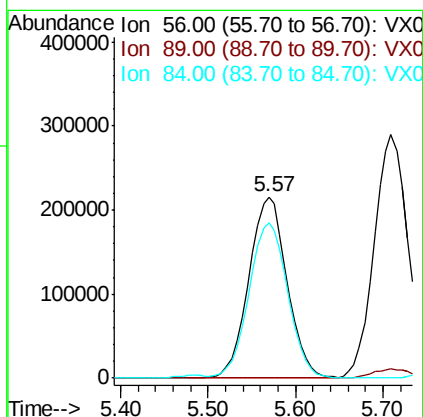
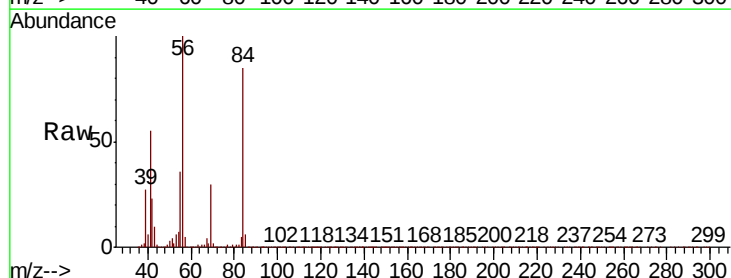
Tgt Ion: 56 Resp: 652284

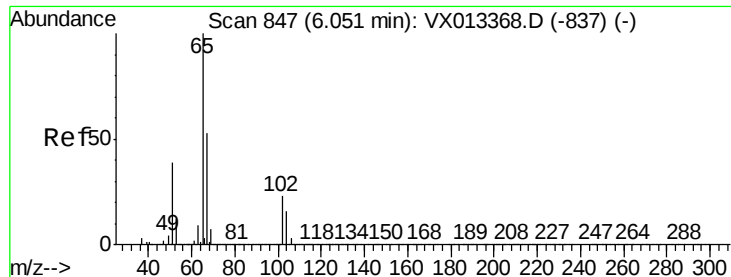
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0#

84 87.5 70.5 105.7





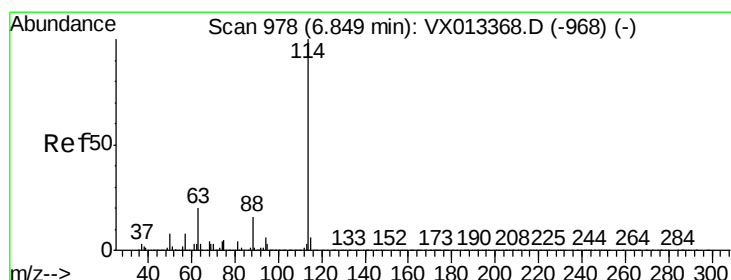
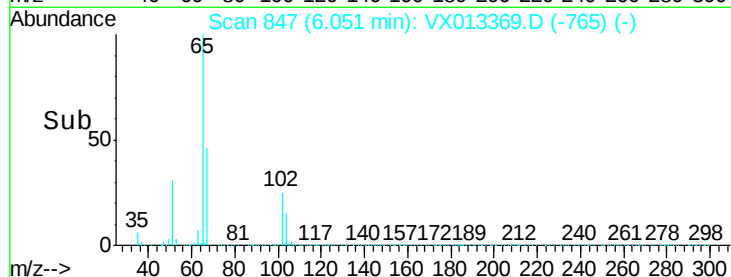
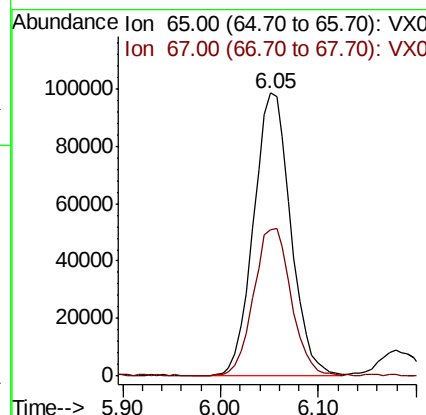
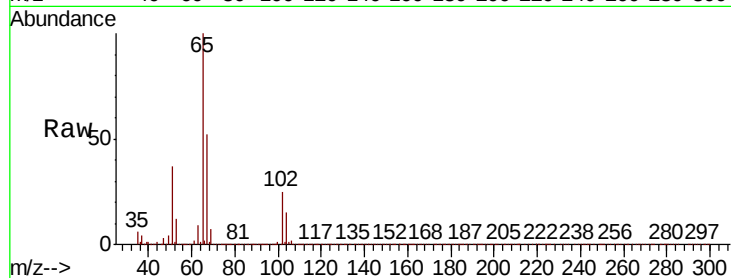
#27
 1,2-Dichloroethane-d4
 Concen: 28.073 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.9	41.0	61.6

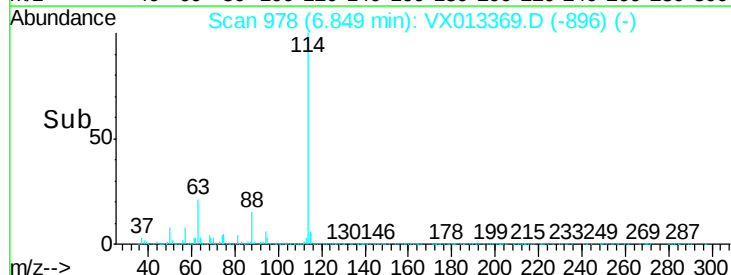
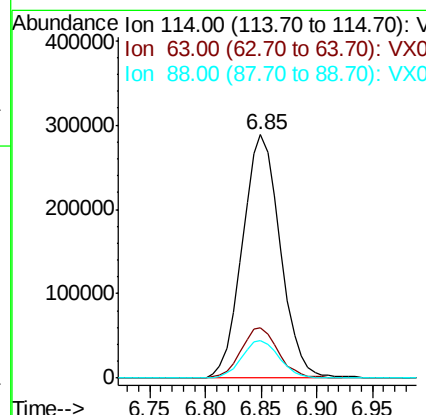
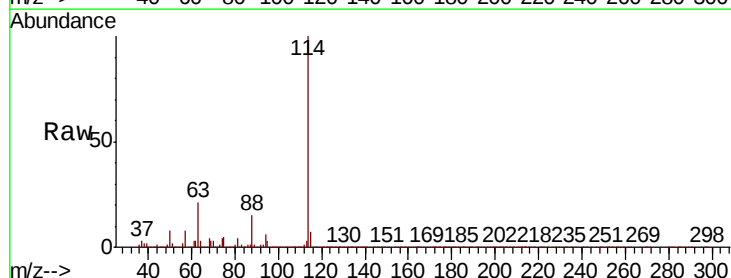
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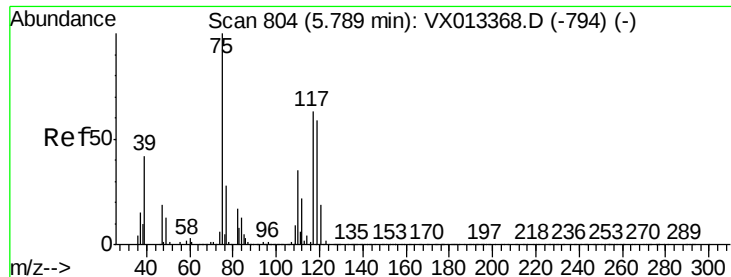
MMDadoda
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#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	16.1	24.1
88	15.5	12.3	18.5





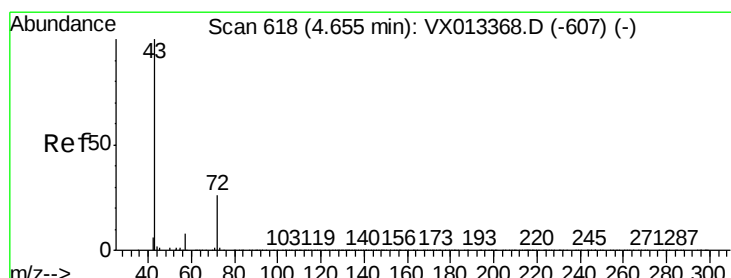
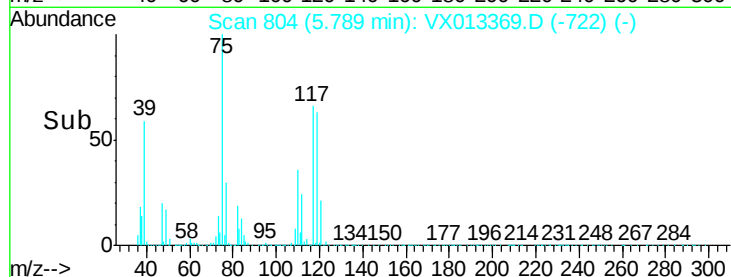
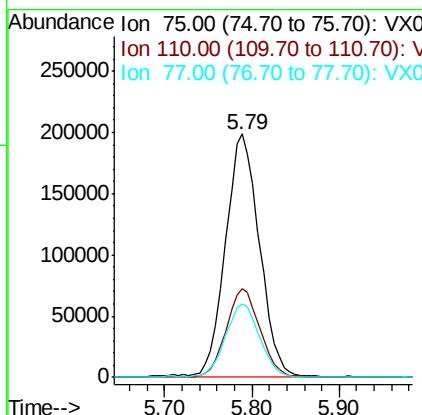
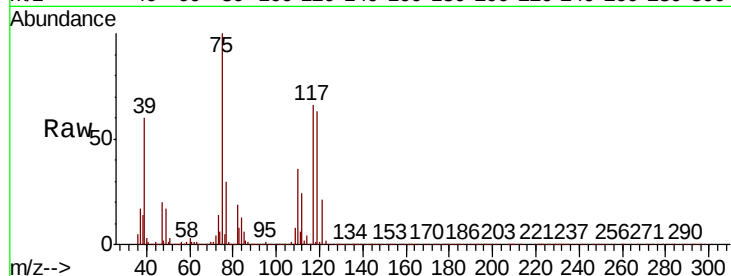
#29
 1,1-Dichloropropene
 Concen: 51.731 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	536742
Ion Ratio	Lower	Upper	
75	100		
110	36.2	0.0	74.6
77	30.2	0.0	62.6

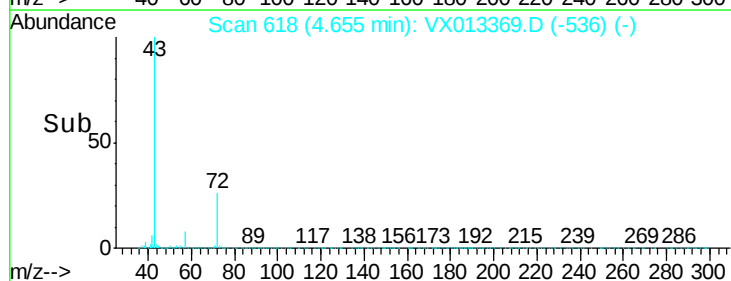
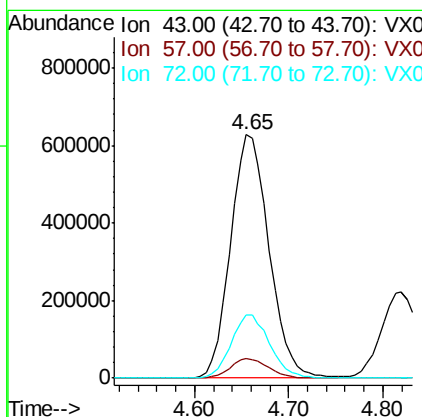
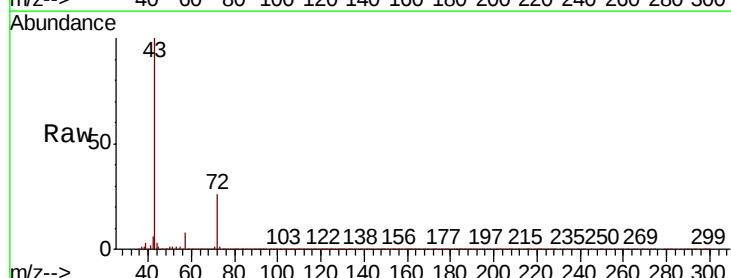
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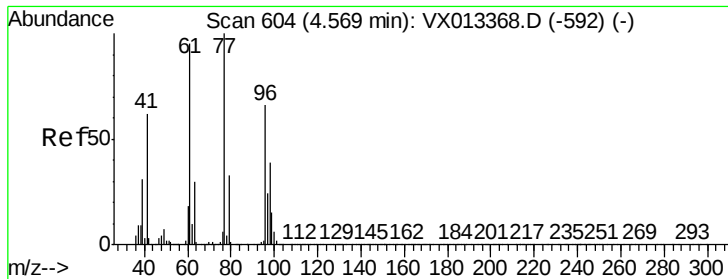
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#30
 2-Butanone
 Concen: 306.373 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion:	43	Resp:	1768435
Ion Ratio	Lower	Upper	
43	100		
57	8.0	6.1	9.1
72	26.0	20.5	30.7





#31

2,2-Dichloropropane

Concen: 48.590 ug/l

RT: 4.57 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 581637

Ion Ratio Lower Upper

77 100

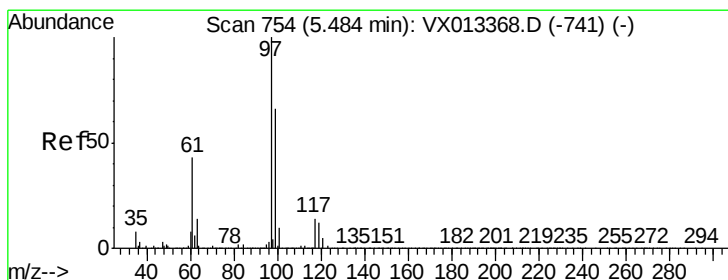
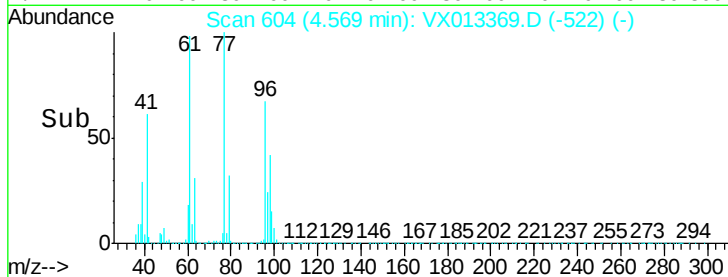
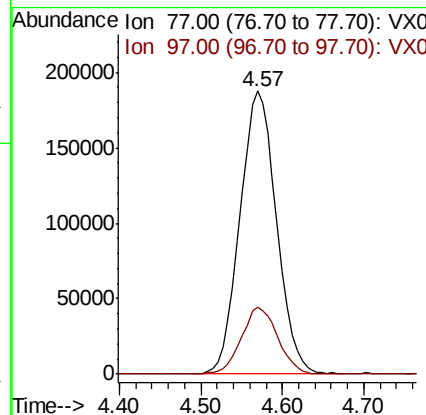
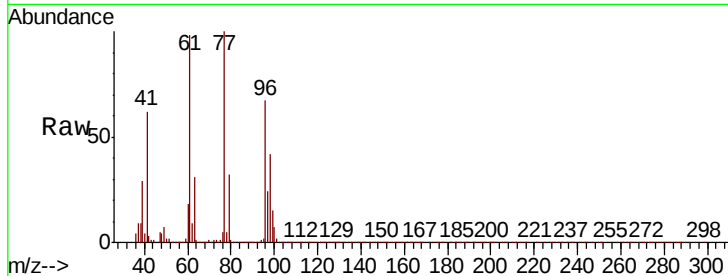
97 23.4 19.2 28.8

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 47.788 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

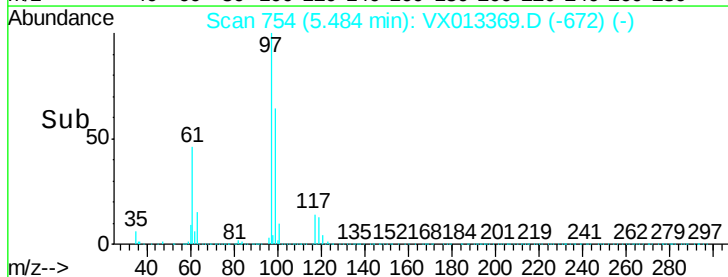
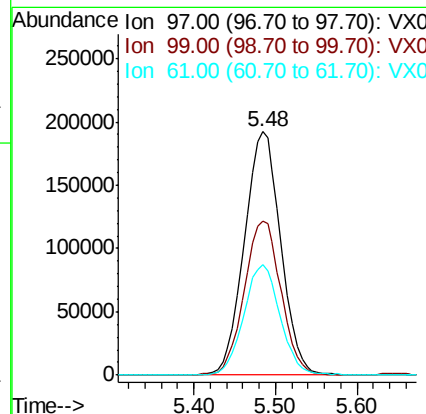
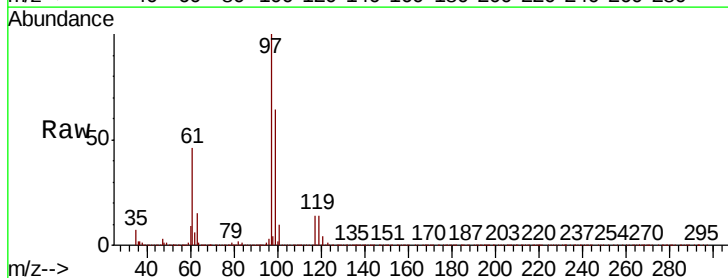
Tgt Ion: 97 Resp: 595455

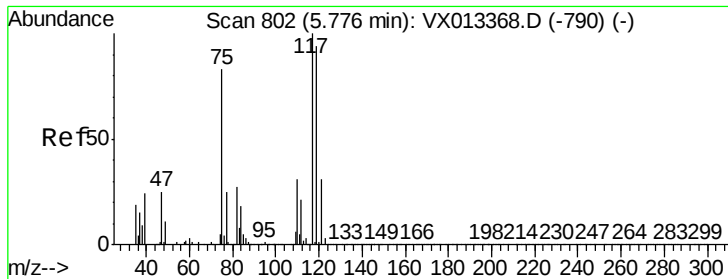
Ion Ratio Lower Upper

97 100

99 63.6 52.5 78.7

61 44.9 36.1 54.1





#33

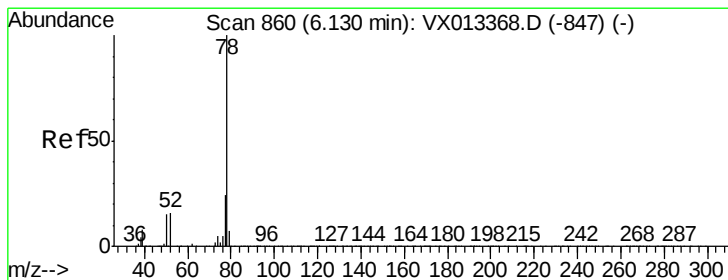
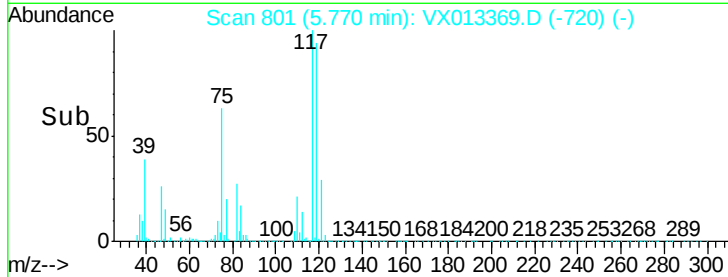
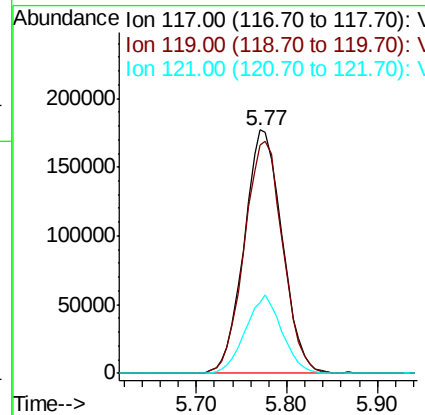
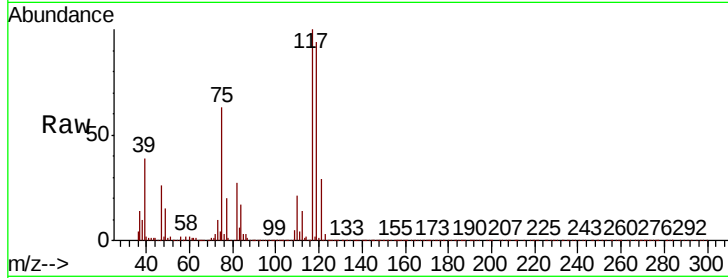
Carbon Tetrachloride
Concen: 47.777 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	93.7	75.0	112.6
121	29.3	24.9	37.3

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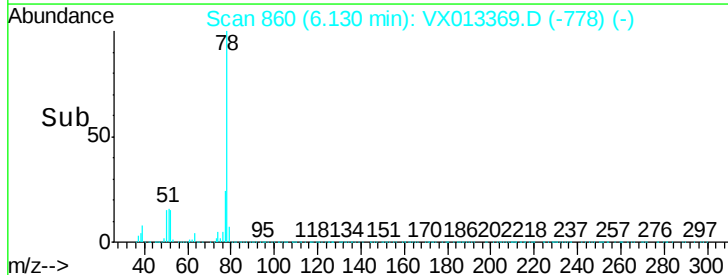
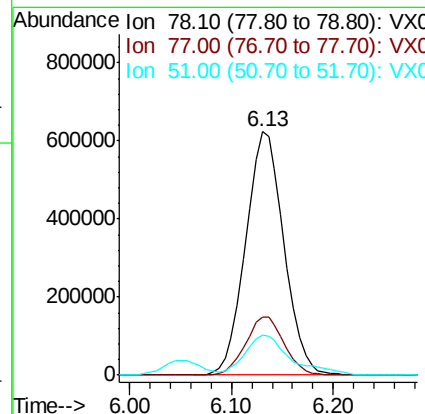
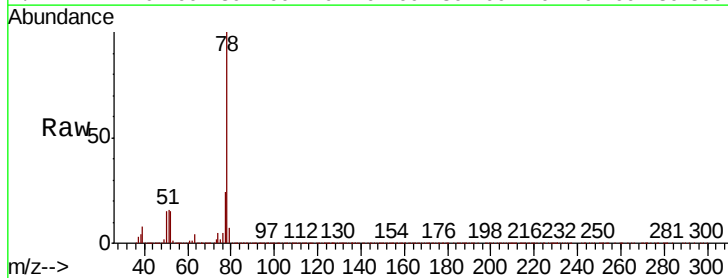
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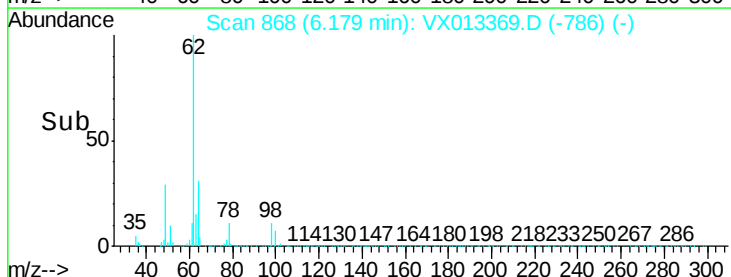
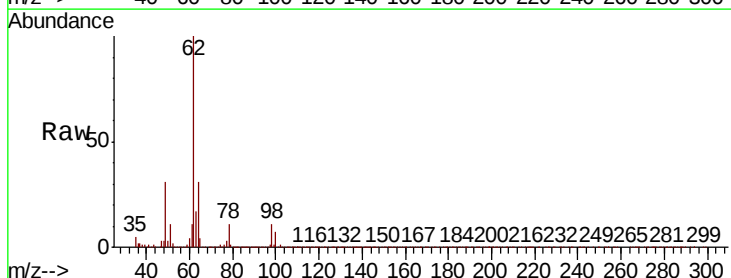
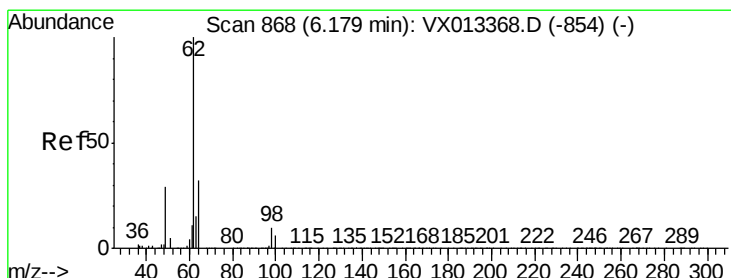
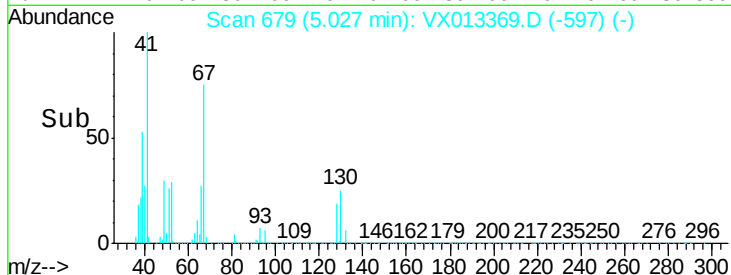
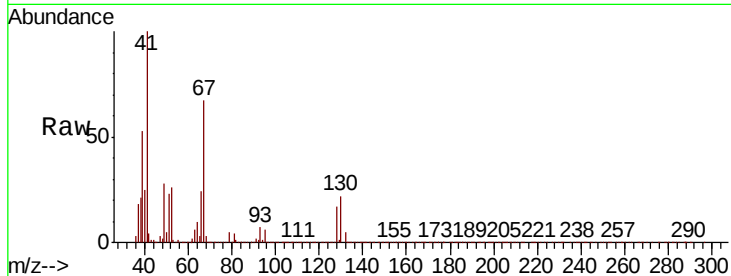
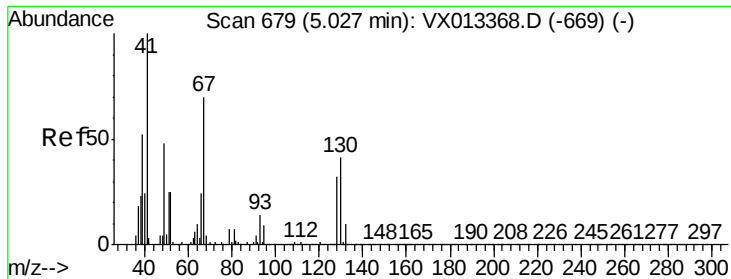


#34

Benzene
Concen: 53.421 ug/l
RT: 6.13 min Scan# 860
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

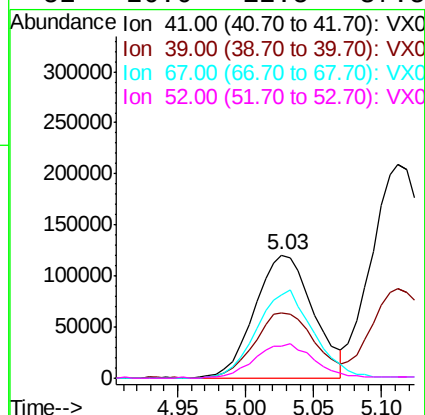
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	19.3	28.9
51	15.4	12.2	18.4





#35
Methacrylonitrile
Concen: 61.364 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	41	100	360851		
39	39	52.4		25.9	77.8
67	67	67.1		35.1	105.5
52	52	26.0		12.5	37.5



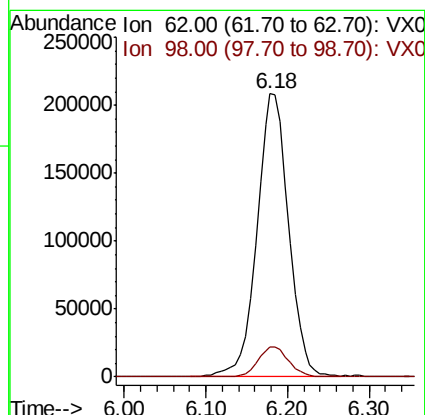
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

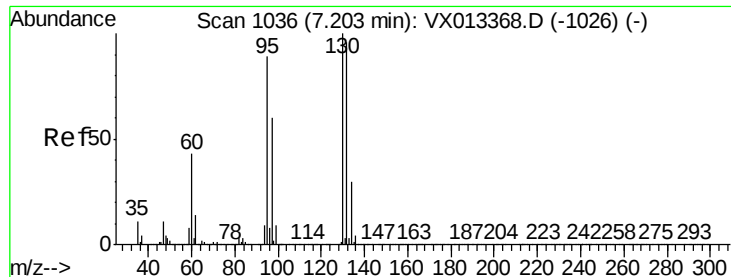
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#36
1,2-Dichloroethane
Concen: 49.659 ug/l
RT: 6.18 min Scan# 868
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	62	100	561426		
98	98	10.1		8.2	12.2





#37

Trichloroethene

Concen: 51.283 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 428071

Ion Ratio Lower Upper

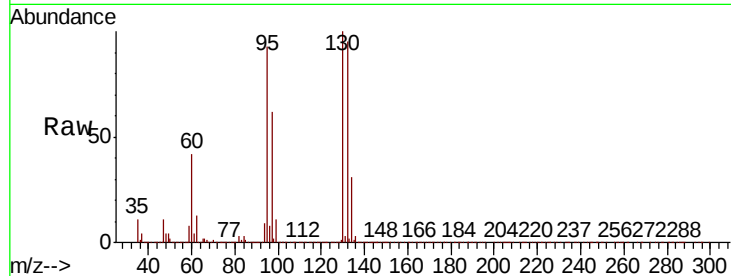
130 100

95 92.7 71.3 106.9

Manual Integrations
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

200000

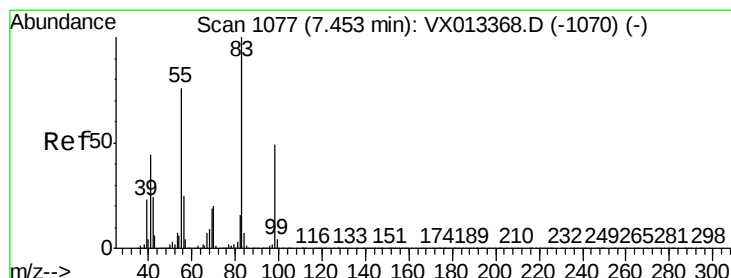
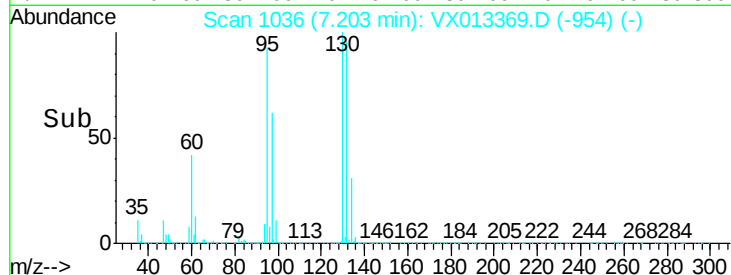
150000

100000

50000

0

Time--> 7.10 7.15 7.20 7.25 7.30



#38

Methylcyclohexane

Concen: 51.409 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

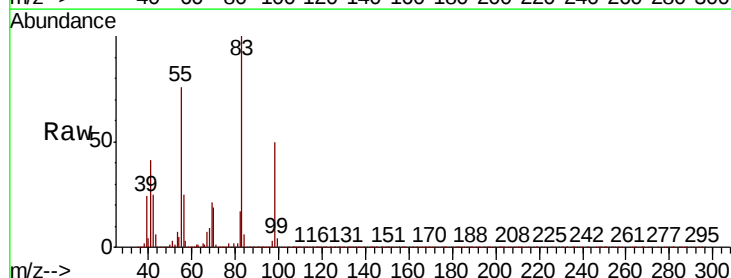
Tgt Ion: 83 Resp: 657559

Ion Ratio Lower Upper

83 100

55 76.4 37.9 113.7

98 49.8 25.1 75.3



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

400000

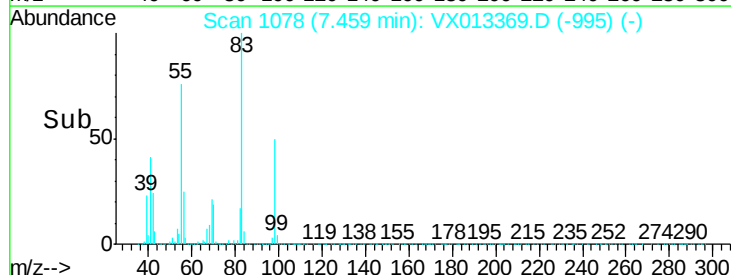
300000

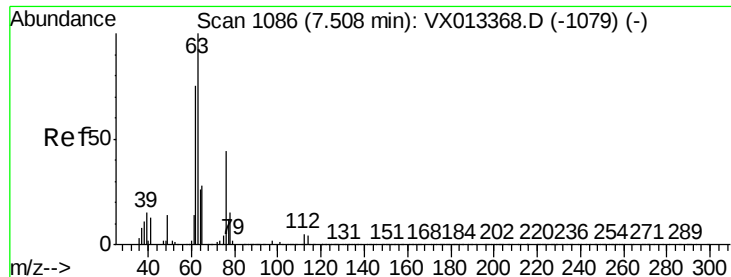
200000

100000

0

Time--> 7.40 7.50





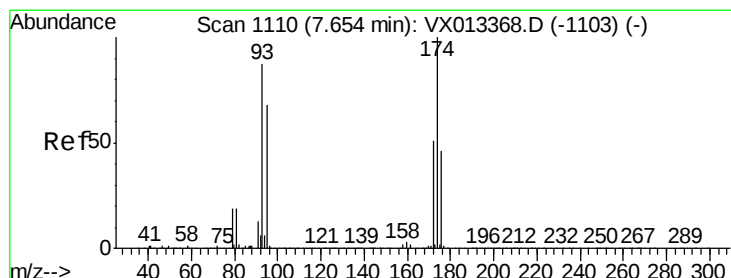
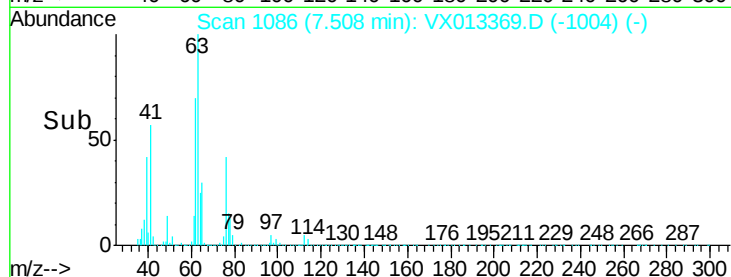
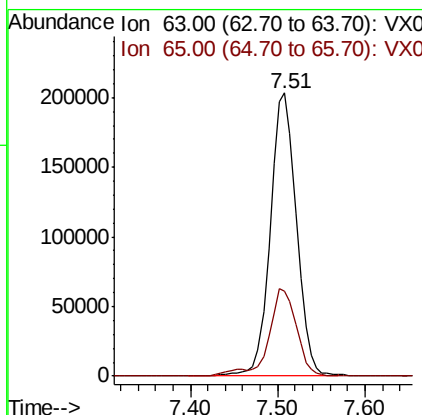
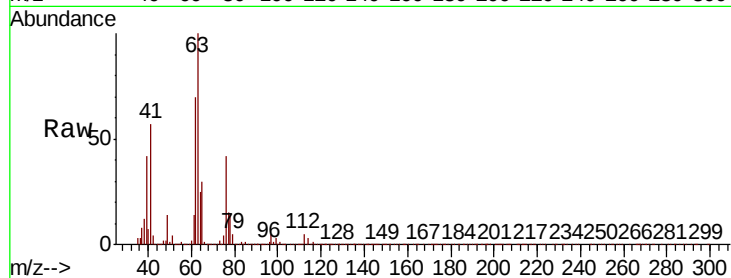
#39
 1,2-Dichloropropane
 Concen: 56.094 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.9	23.8	35.8

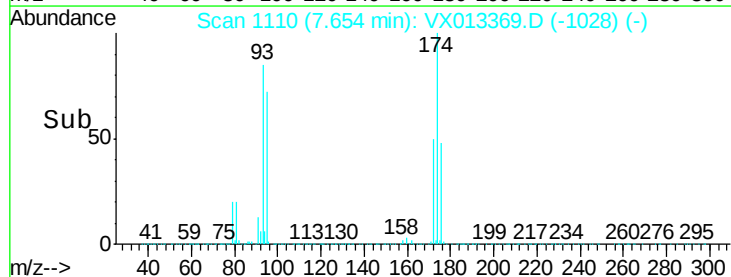
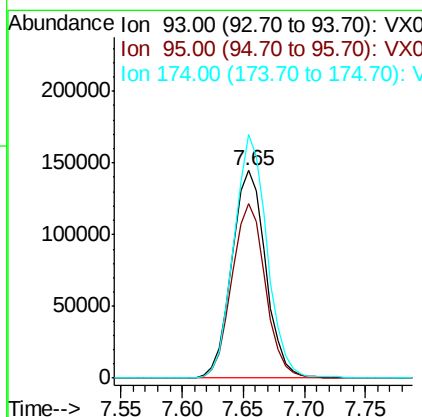
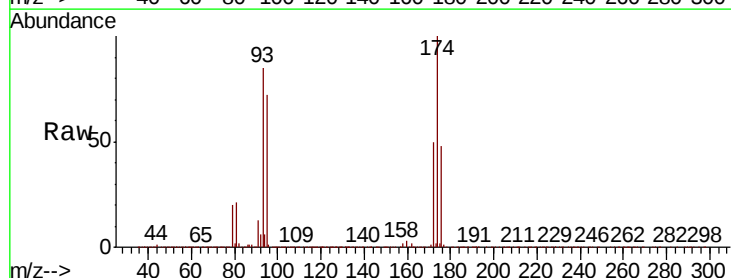
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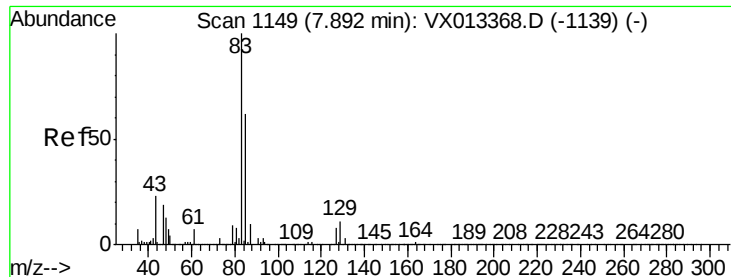
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#40
 Dibromomethane
 Concen: 52.304 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.9	0.0	160.8
174	114.9	0.0	228.8





#41

Bromodichloromethane

Concen: 51.114 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

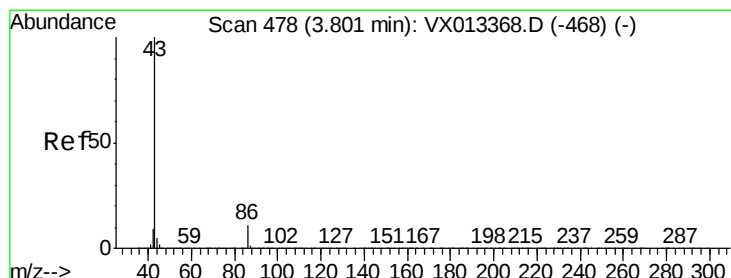
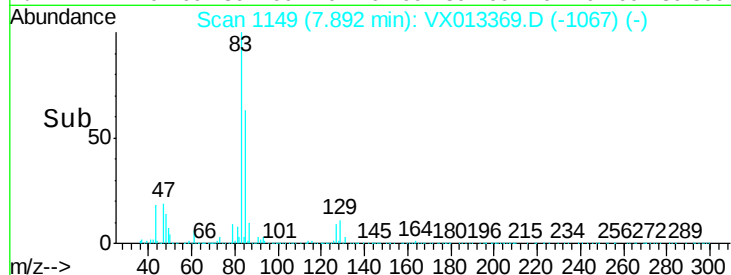
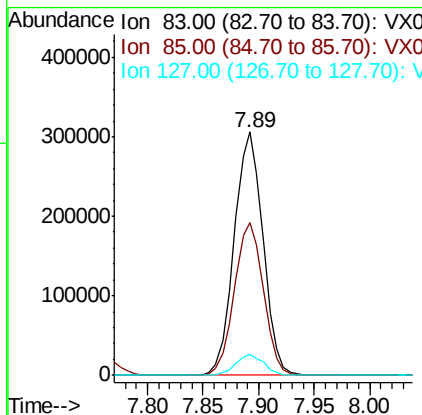
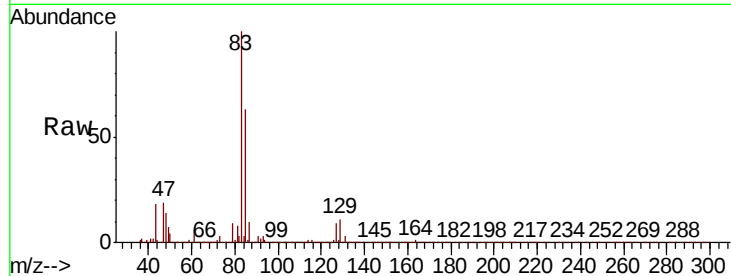
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	544546
Ion Ratio	Lower	Upper	
83	100		
85	62.9	49.3	73.9
127	8.5	6.6	10.0

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#42

Vinyl Acetate

Concen: 287.028 ug/l

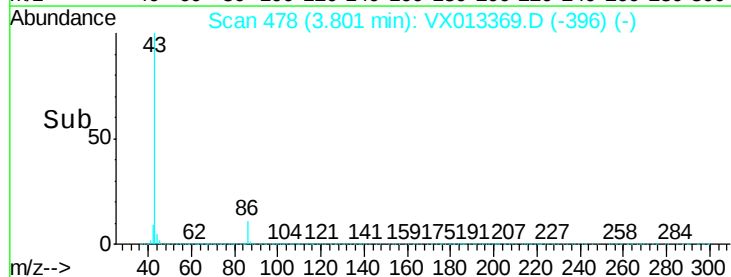
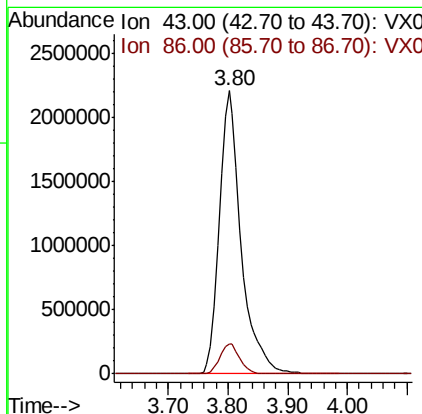
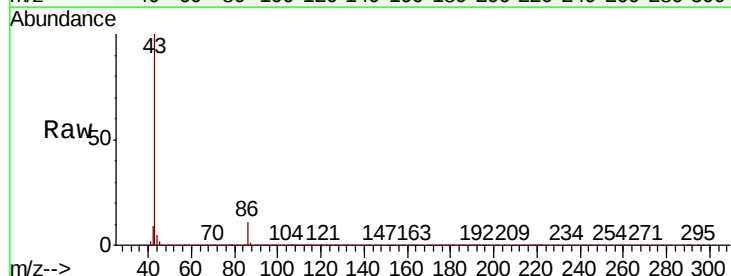
RT: 3.80 min Scan# 478

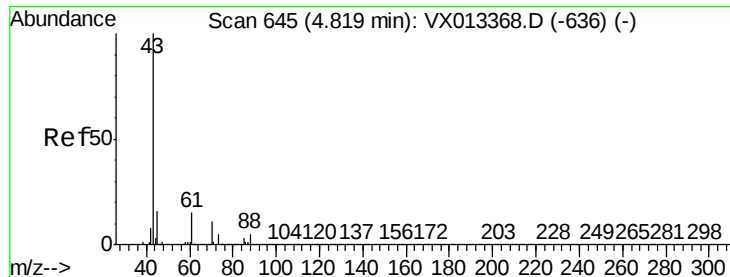
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	43	Resp:	5590707
Ion Ratio	Lower	Upper	
43	100		
86	9.7	7.6	11.4





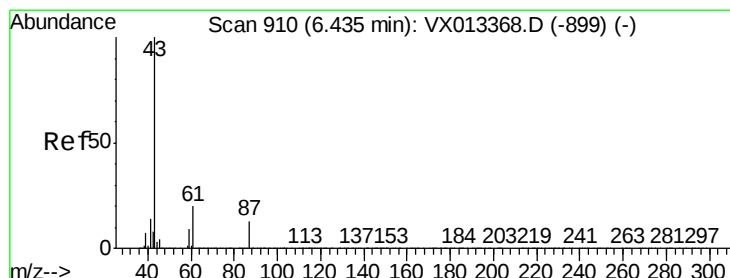
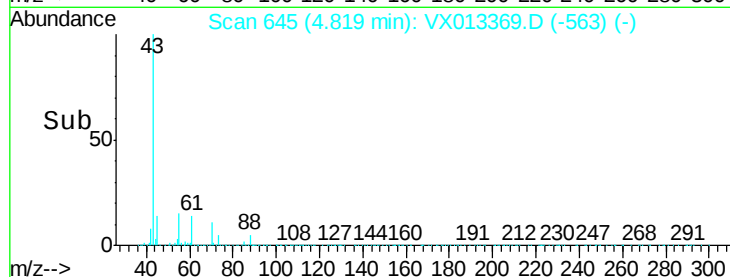
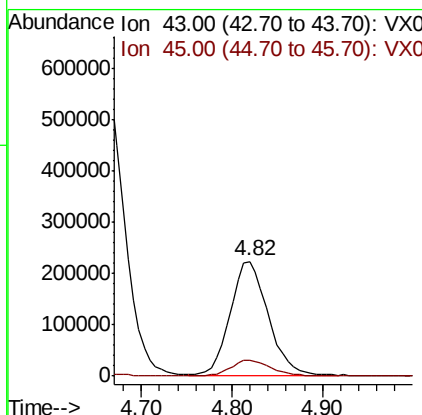
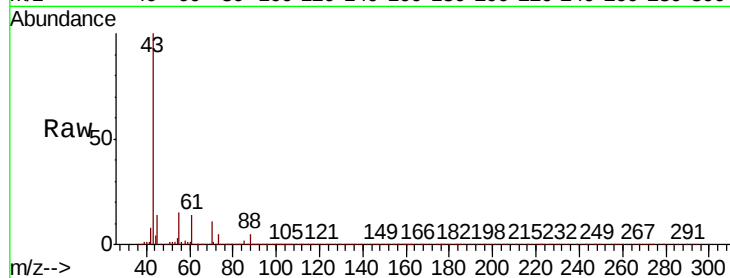
#43
Ethyl Acetate
Concen: 60.575 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
45	15.0	10.9	16.3

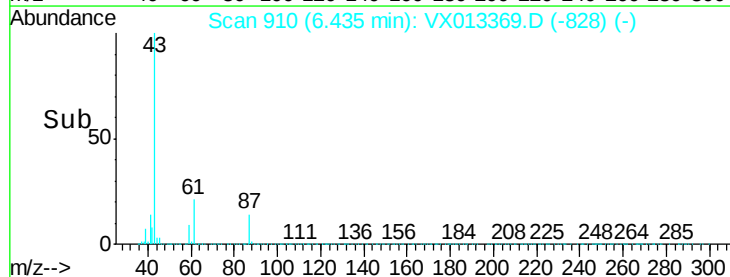
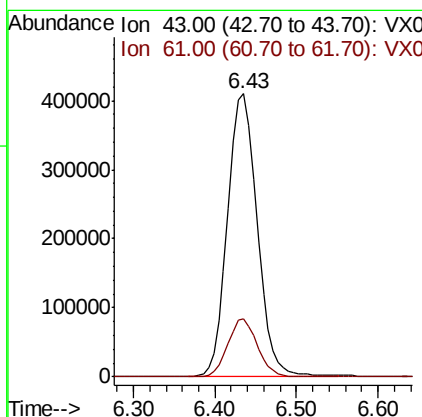
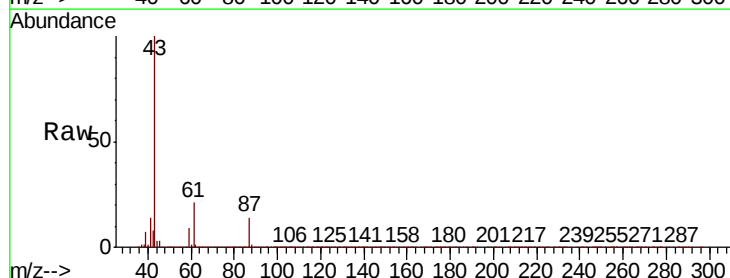
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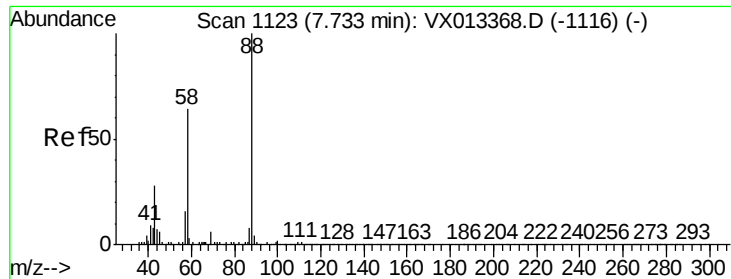
MMDadoda
11/12/2019 11:49:42 AM



#44
Isopropyl Acetate
Concen: 59.438 ug/l
RT: 6.43 min Scan# 910
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	15.8	23.8





#45

1,4-Dioxane

Concen: 1065.731 ug/l

RT: 7.73 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

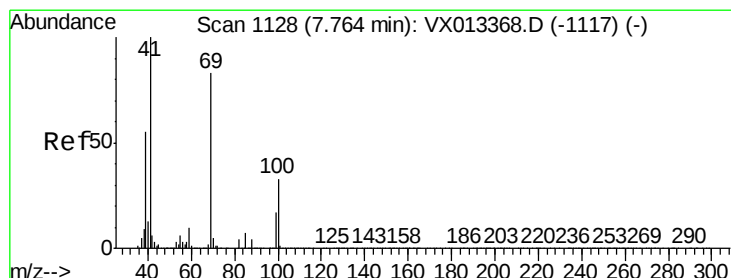
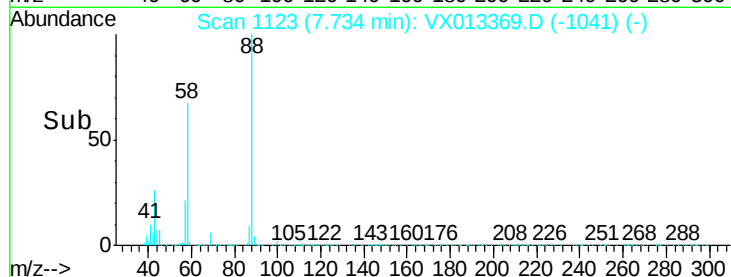
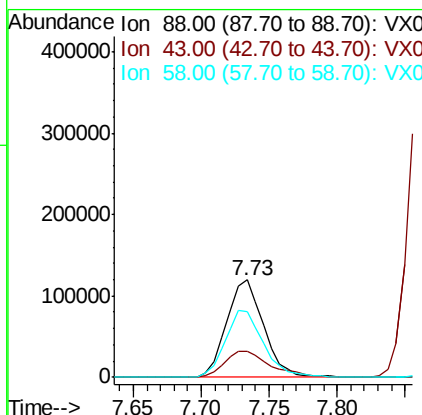
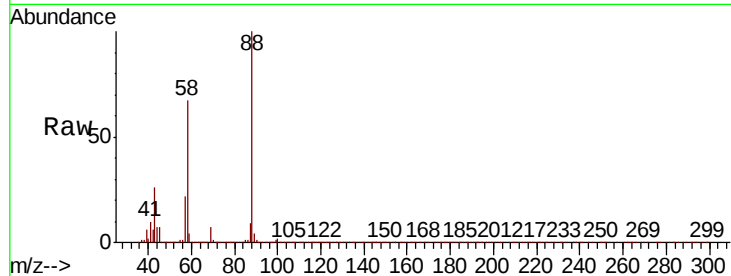
ClientSampleId :

VSTDIC050

Tot Ion:	88	Resp:	226157
Ion Ratio	Lower	Upper	
88	100		
43	32.8	26.1	39.1
58	70.9	55.8	83.8

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#46

Methyl methacrylate

Concen: 60.956 ug/l

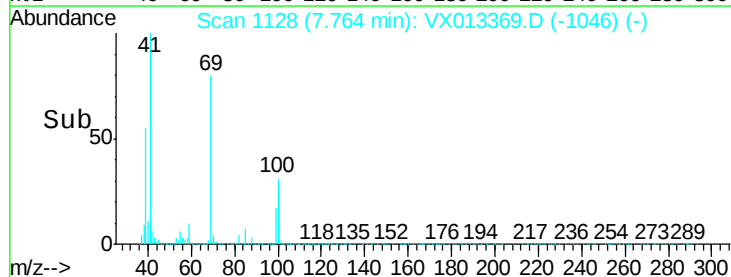
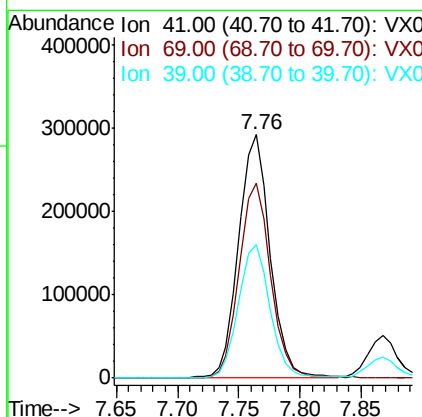
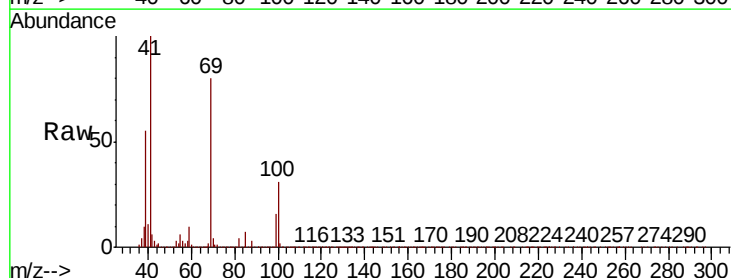
RT: 7.76 min Scan# 1128

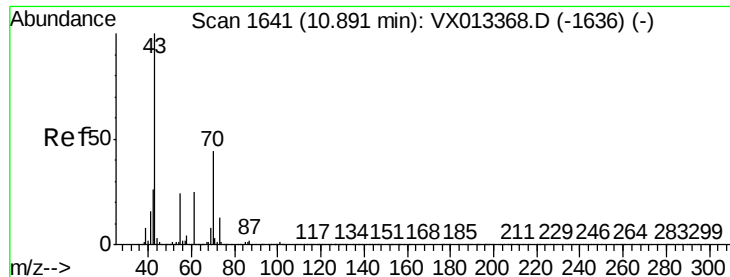
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	41	Resp:	520716
Ion Ratio	Lower	Upper	
41	100		
69	80.2	41.4	124.4
39	54.6	27.9	83.6





#47

n-amvl Acetate

Concen: 62.123 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 43 Resp: 921950

Ion Ratio Lower Upper

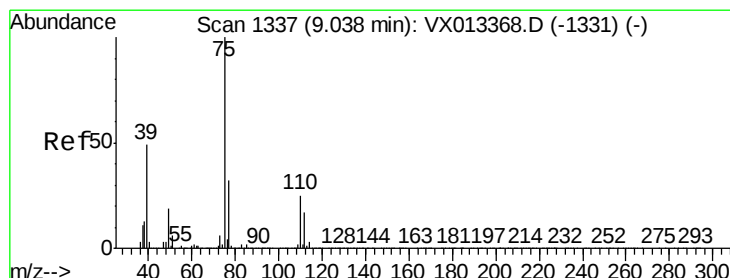
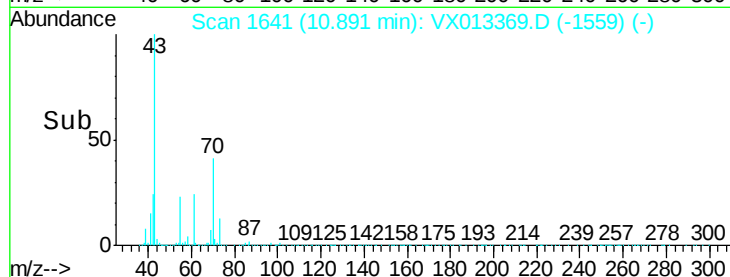
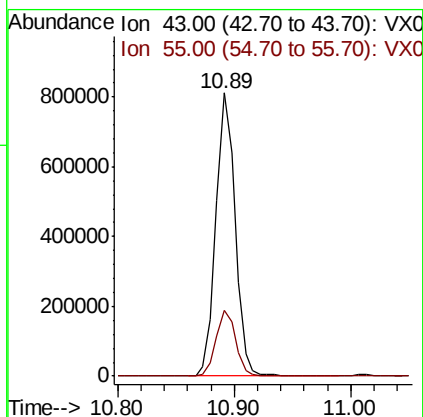
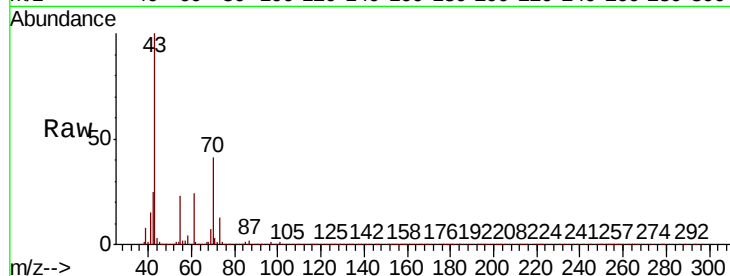
43 100

55 23.6 19.0 28.4

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#48

t-1,3-Dichloropropene

Concen: 52.541 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX013369.D

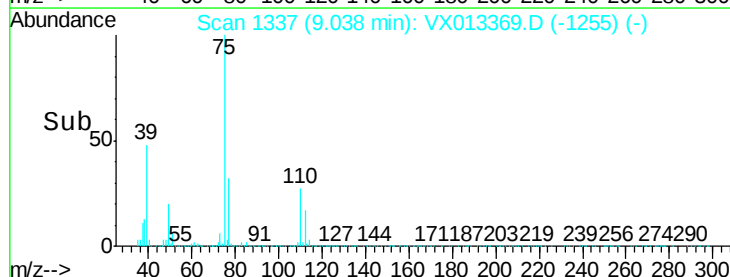
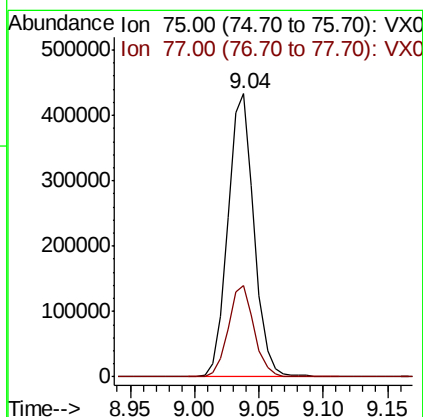
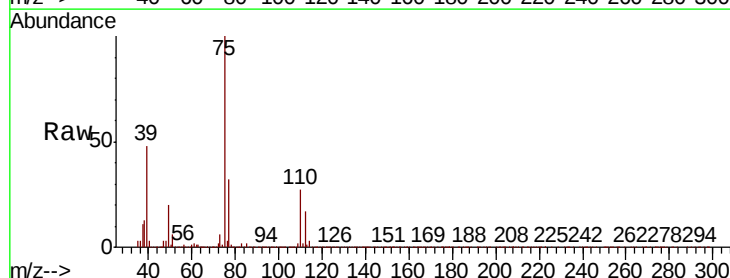
Acq: 11 Nov 2019 17:16

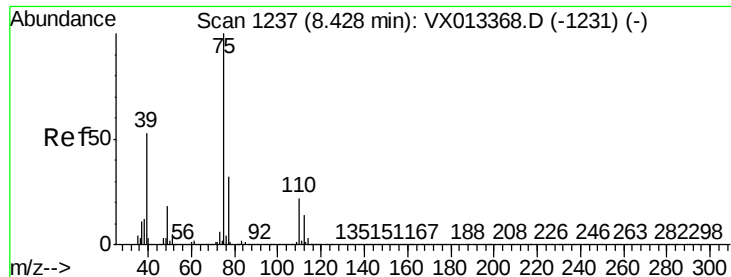
Tgt Ion: 75 Resp: 614877

Ion Ratio Lower Upper

75 100

77 32.2 25.3 37.9





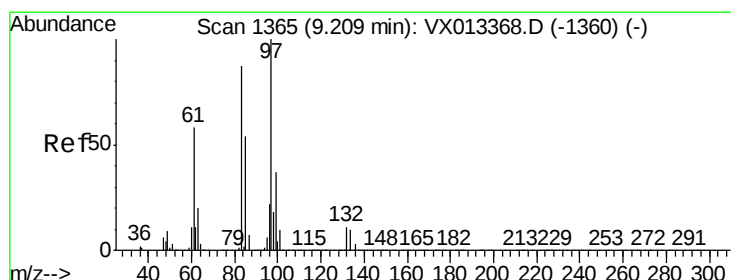
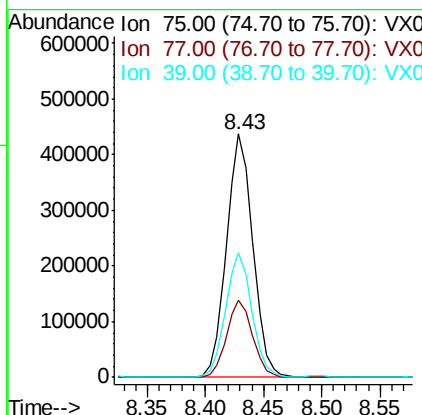
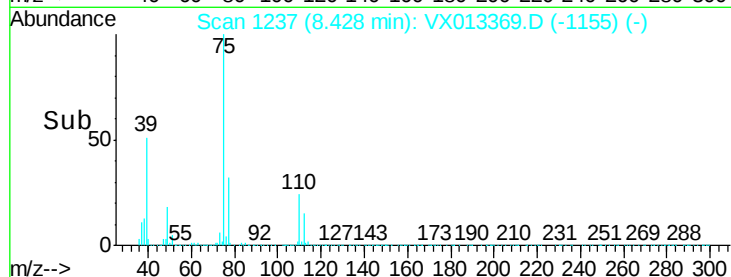
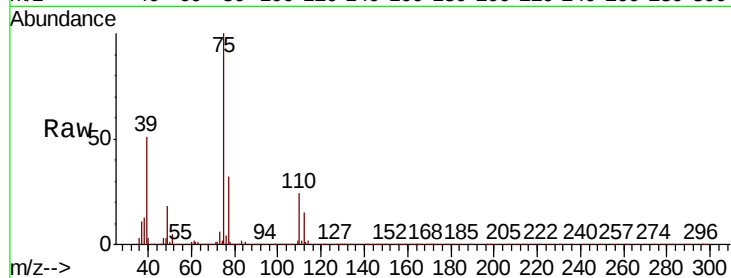
#49
 cis-1,3-Dichloropropene
 Concen: 53.724 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

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

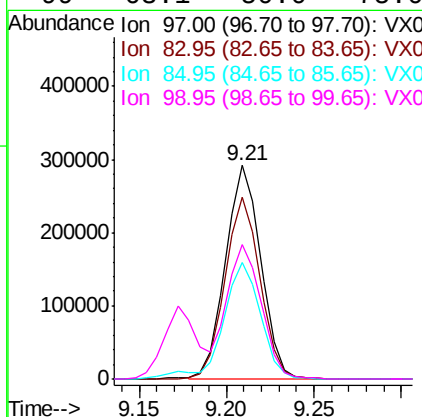
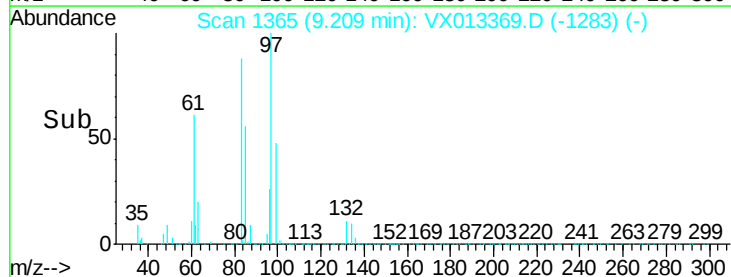
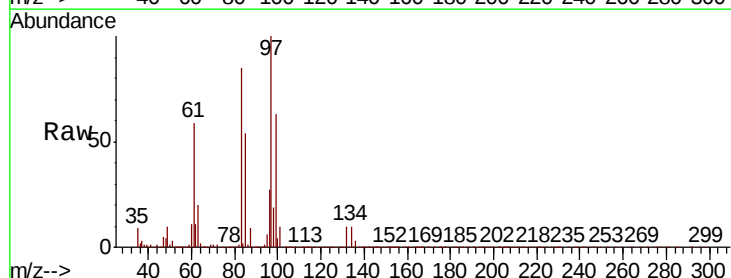
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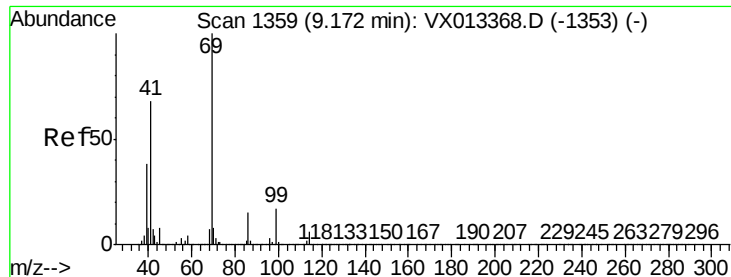
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#50
 1,1,2-Trichloroethane
 Concen: 52.069 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.4	69.6	104.4
85	54.3	45.5	68.3
99	63.1	50.0	75.0





#51

Ethyl methacrylate

Concen: 55.239 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

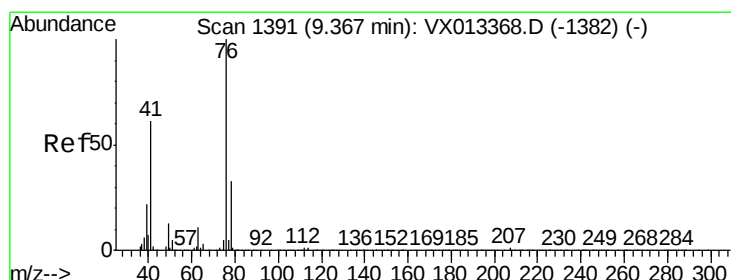
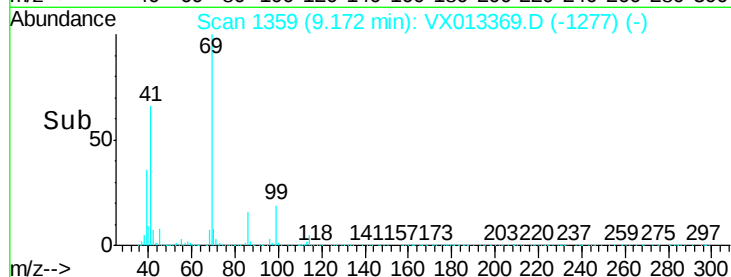
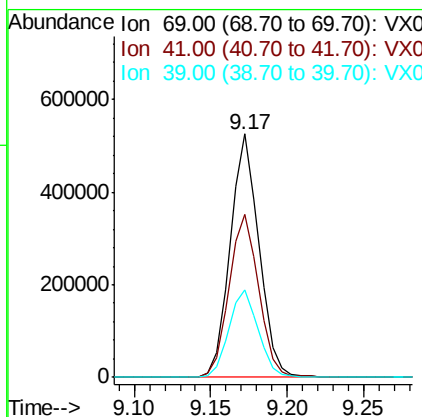
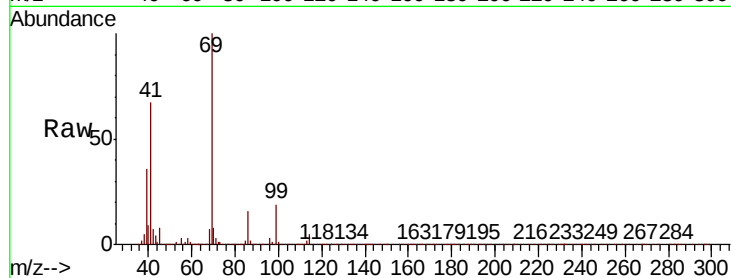
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	683163
Ion Ratio	Lower	Upper	
69	100		
41	67.1	33.9	101.6
39	36.0	18.8	56.4

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#52

1,3-Dichloropropane

Concen: 52.753 ug/l

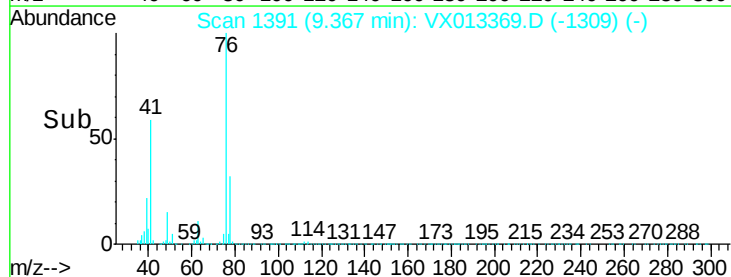
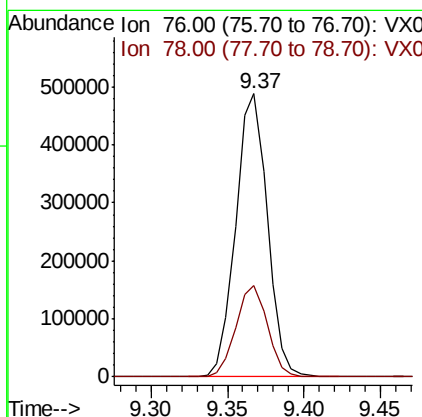
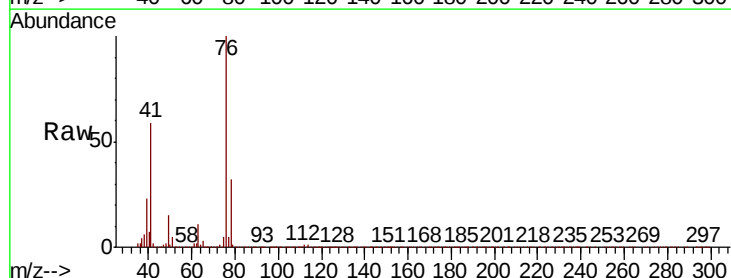
RT: 9.37 min Scan# 1391

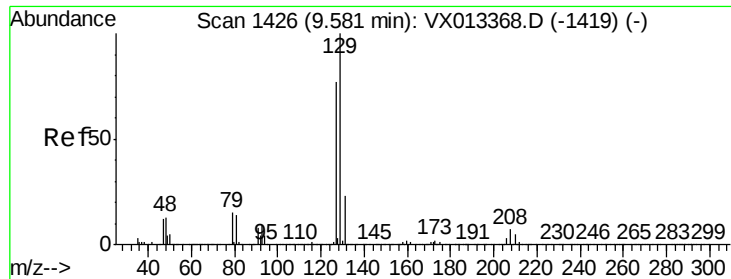
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	76	Resp:	698324
Ion Ratio	Lower	Upper	
76	100		
78	32.6	0.0	63.6





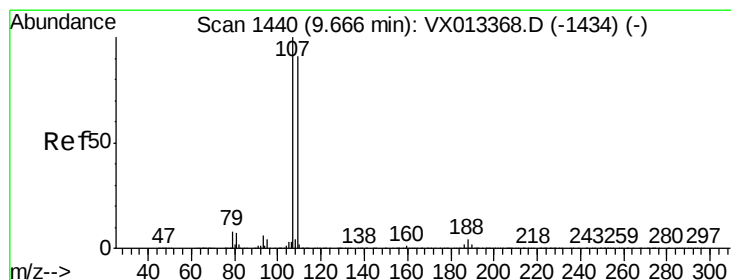
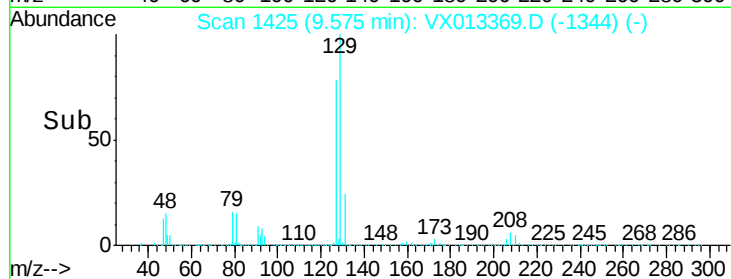
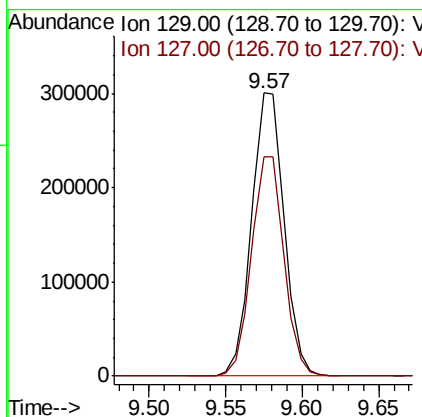
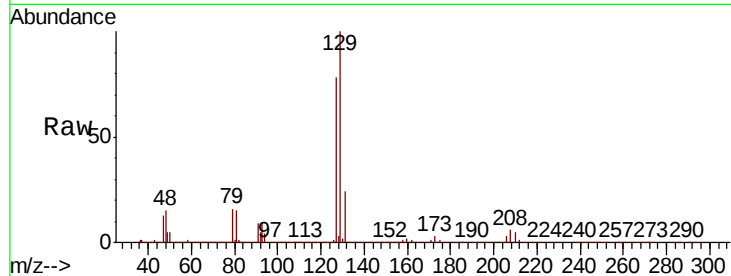
#53
Dibromochloromethane
Concen: 52.750 ug/l
RT: 9.57 min Scan# 1425
Delta R.T. -0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
129	100		
127	77.4	39.6	119.0

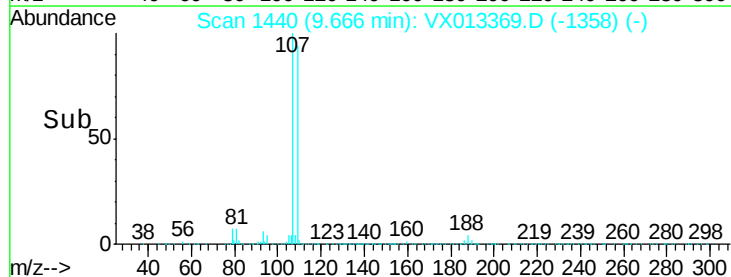
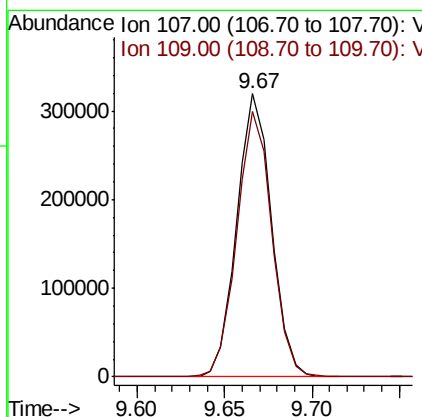
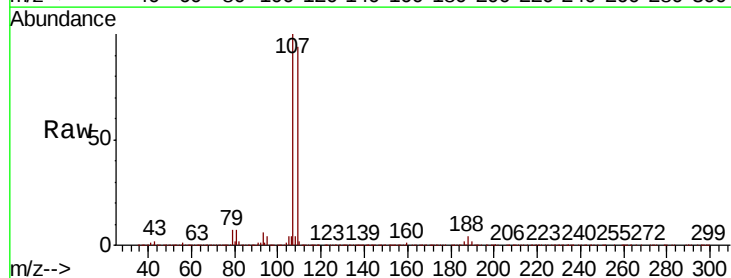
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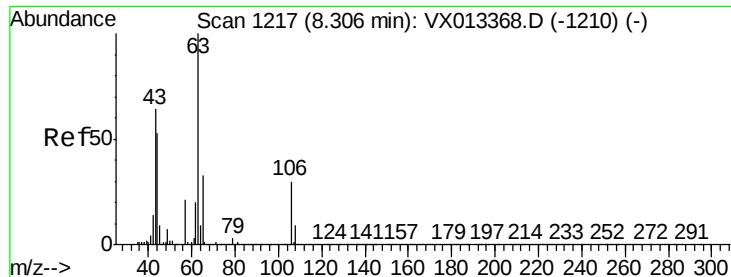
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#54
1,2-Dibromoethane
Concen: 52.358 ug/l
RT: 9.67 min Scan# 1440
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.3	73.9	110.9





#55

2-Chloroethyl vinyl ether

Concen: 270.833 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 63 Resp: 1387364

Ion Ratio Lower Upper

63 100

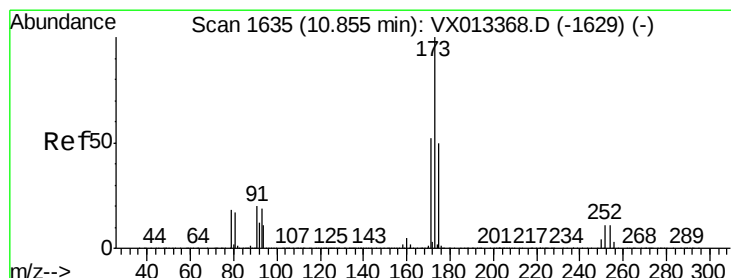
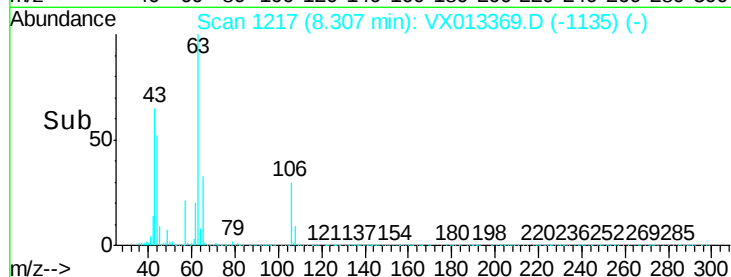
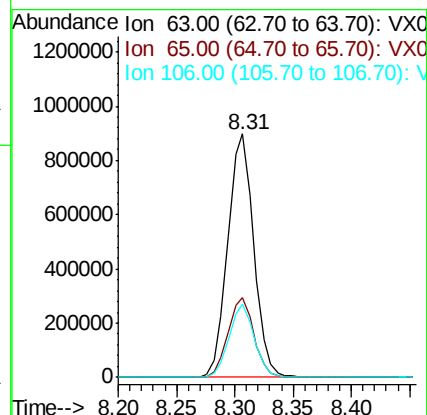
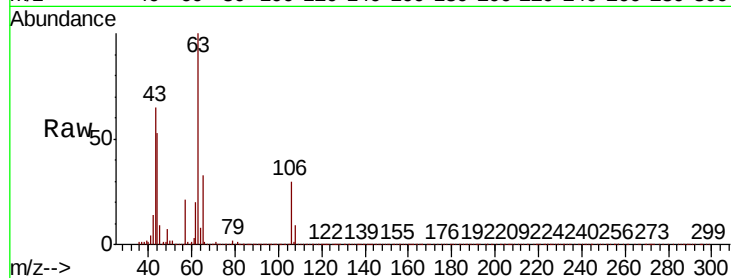
65 32.4 26.0 39.0

106 29.1 23.5 35.3

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#56

Bromoform

Concen: 57.123 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

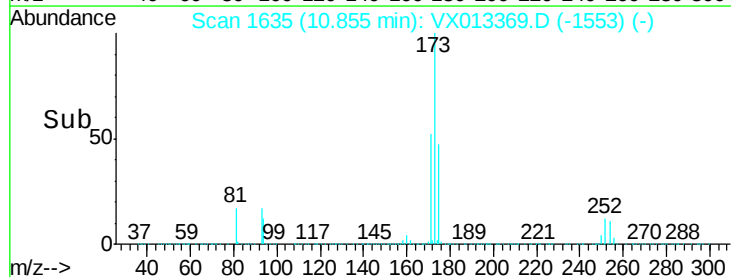
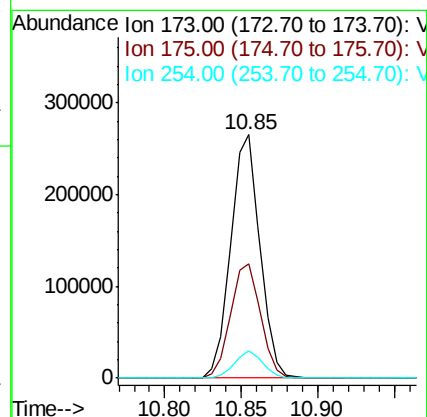
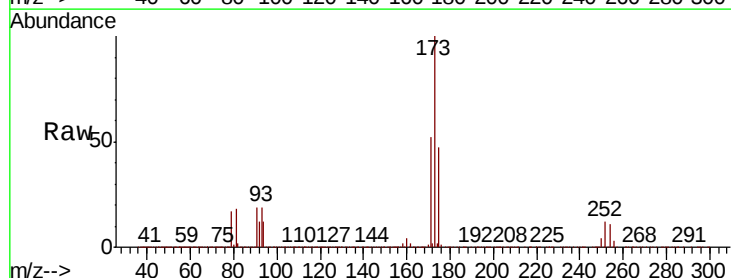
Tgt Ion: 173 Resp: 349148

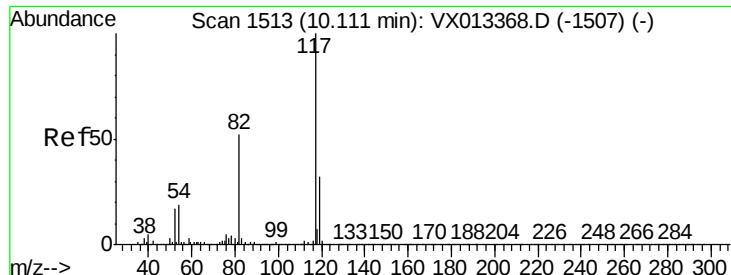
Ion Ratio Lower Upper

173 100

175 48.3 39.4 59.0

254 10.9 8.6 12.8





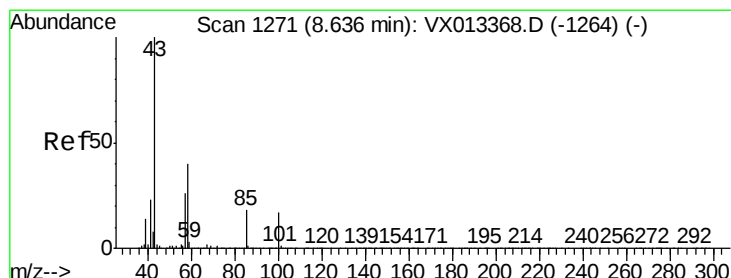
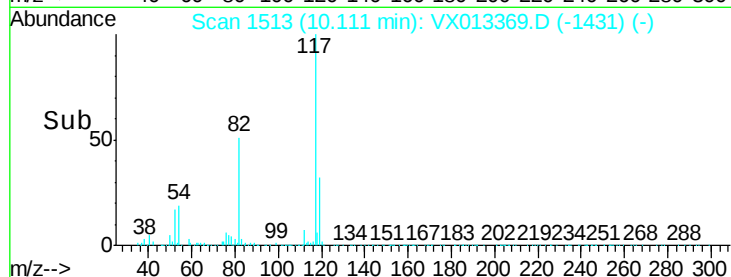
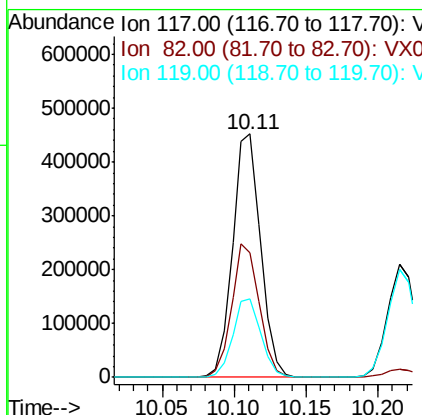
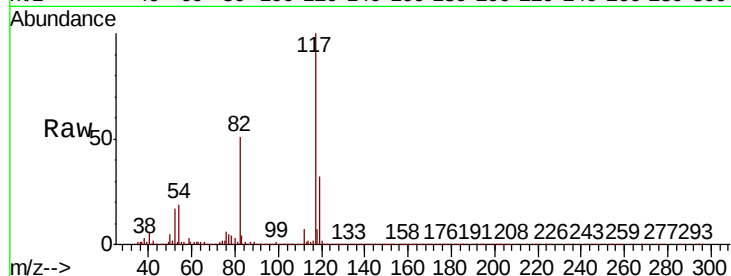
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	43.7	65.5
119	32.3	25.5	38.3

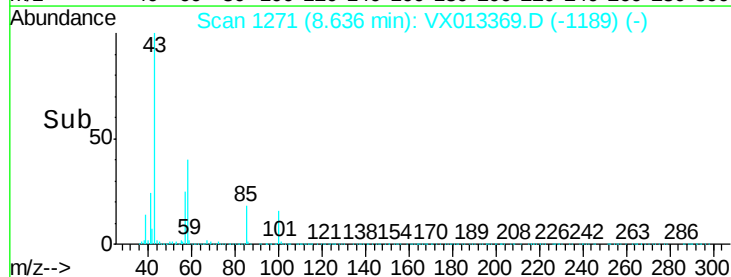
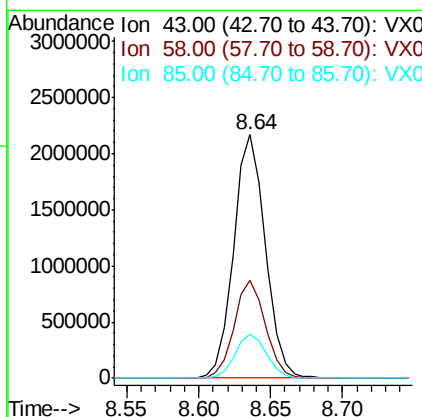
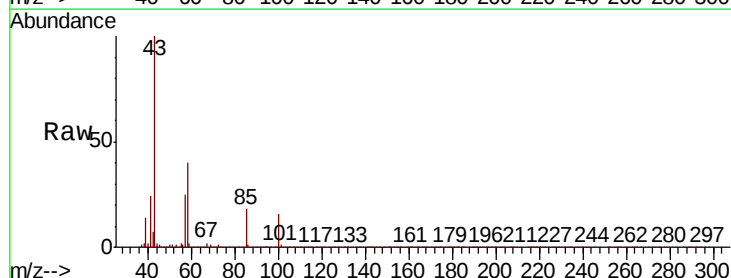
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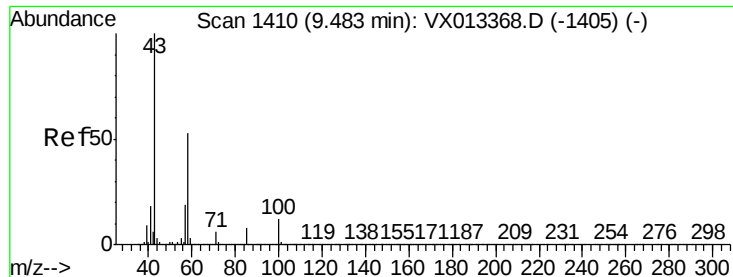
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#58
4-Methyl-2-Pentanone
Concen: 310.200 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.5	31.6	47.4
85	17.9	14.2	21.2





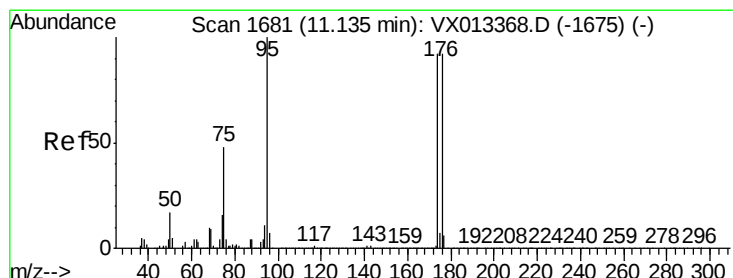
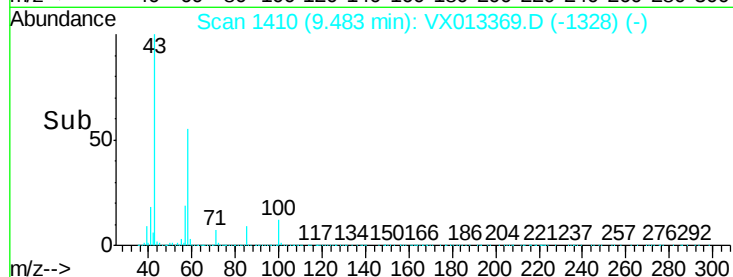
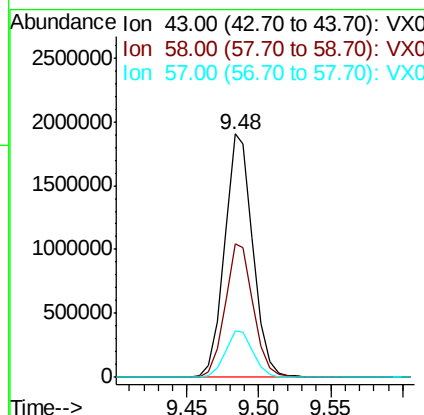
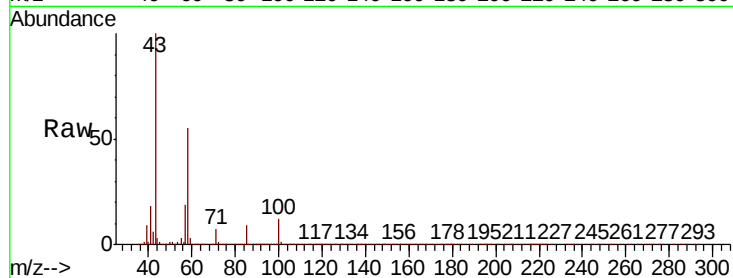
#59
2-Hexanone
Concen: 310.790 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

Tot Ion: 43 Resp: 2620412
Ion Ratio Lower Upper
43 100
58 54.9 43.8 65.6
57 19.0 15.1 22.7

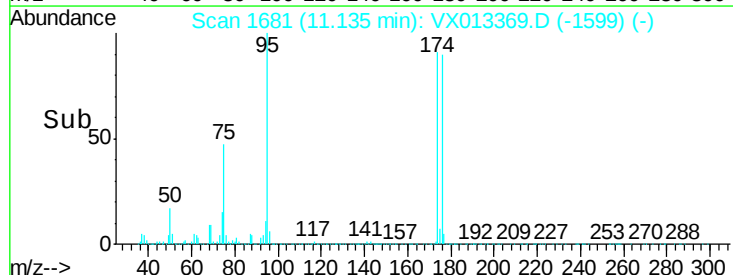
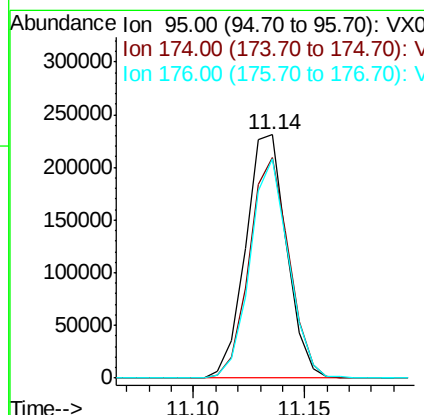
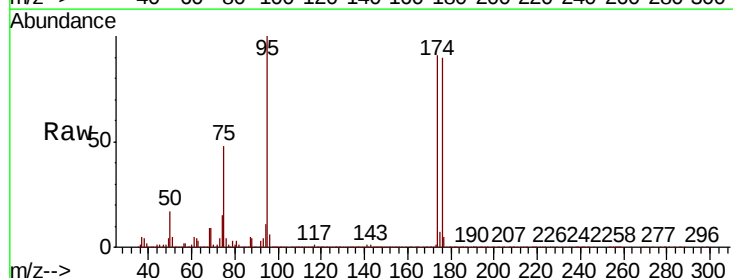
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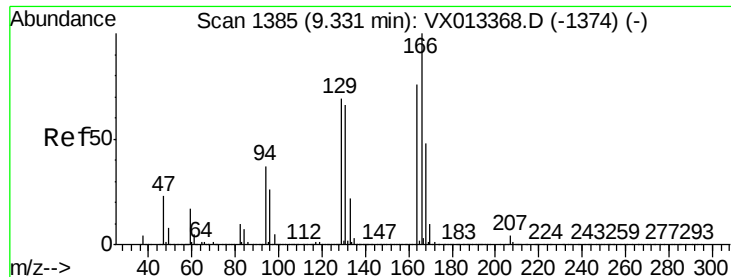
MMDadoda
11/12/2019 11:49:42 AM



#60
4-Bromofluorobenzene
Concen: 28.079 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion: 95 Resp: 294836
Ion Ratio Lower Upper
95 100
174 88.1 70.2 105.2
176 85.1 68.3 102.5





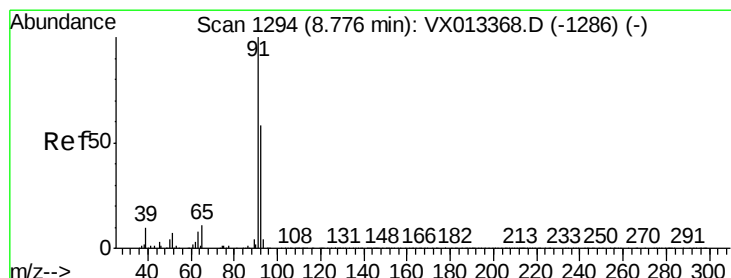
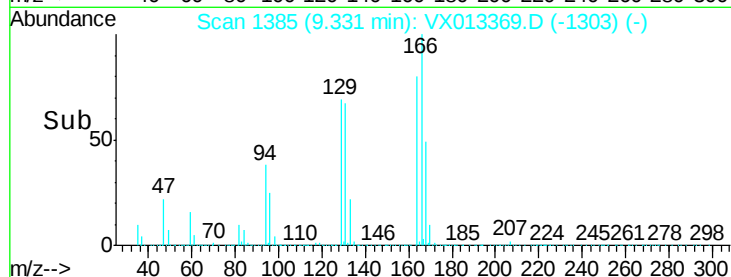
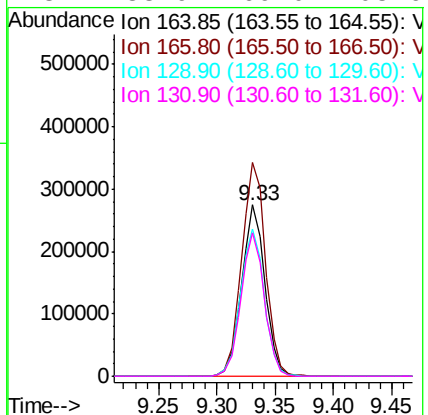
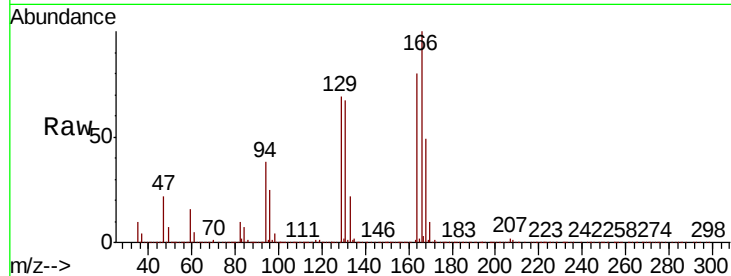
#61
Tetrachloroethene
Concen: 48.730 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
164	100		
166	124.8	104.9	157.3
129	85.7	72.3	108.5
131	83.9	69.0	103.6

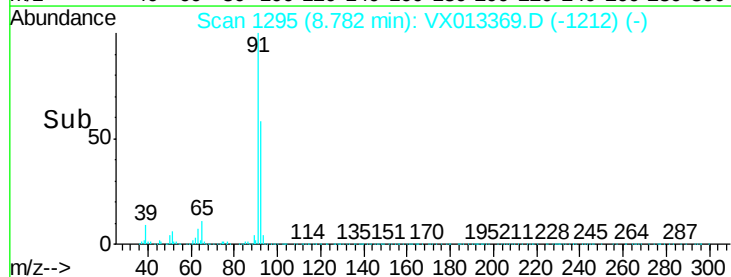
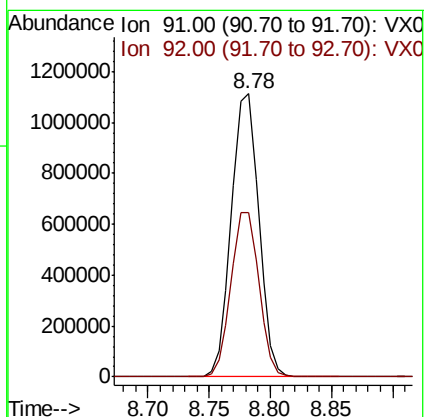
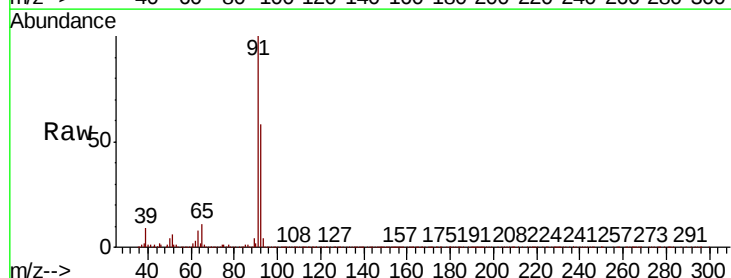
Manual Integrations
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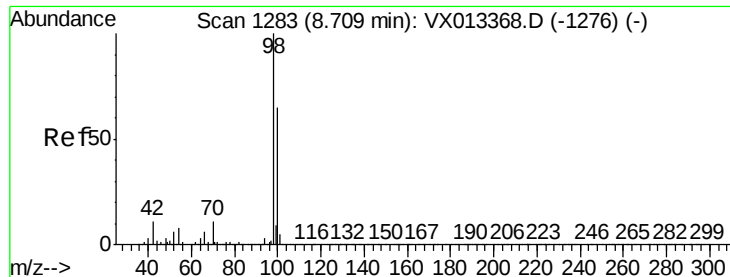
MMDadoda
11/12/2019 11:49:42 AM



#62
Toluene
Concen: 52.465 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	59.0	46.6	69.8





#63

Toluene-d8

Concen: 30.521 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tot Ion: 98 Resp: 833343

Ion Ratio Lower Upper

98 100

100 65.7 52.5 78.7

Instrument :

MSVOA_X

ClientSampleId :

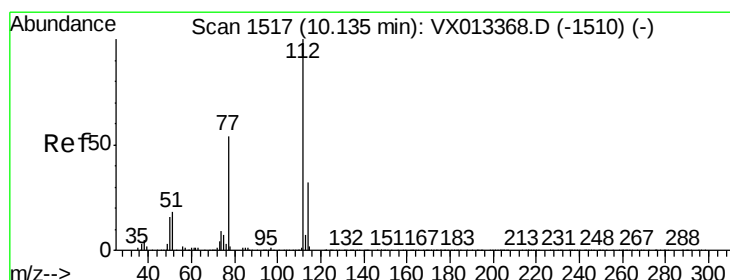
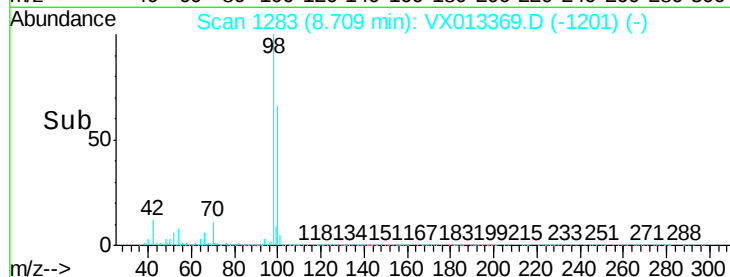
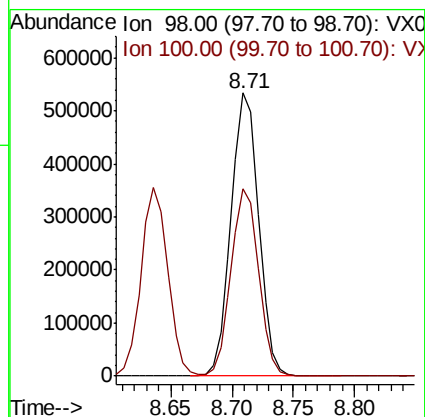
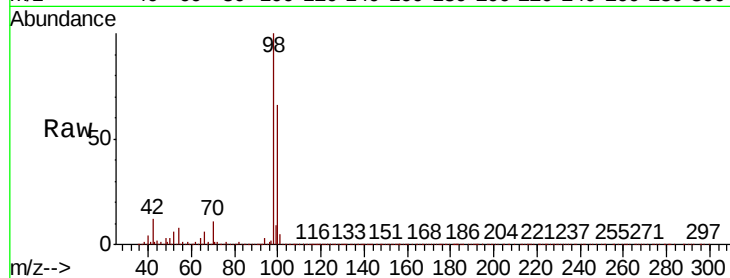
VSTDIC050

Manual Integrations

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#64

Chlorobenzene

Concen: 51.672 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX013369.D

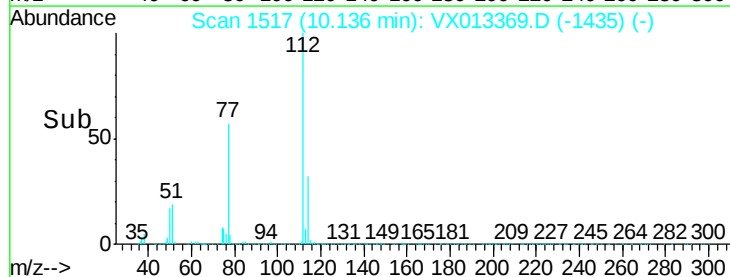
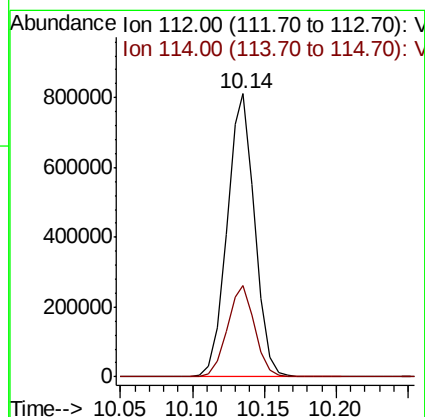
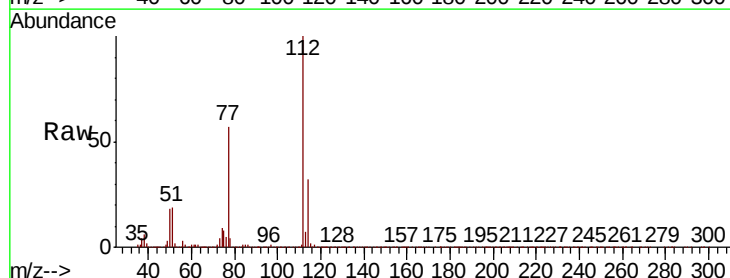
Acq: 11 Nov 2019 17:16

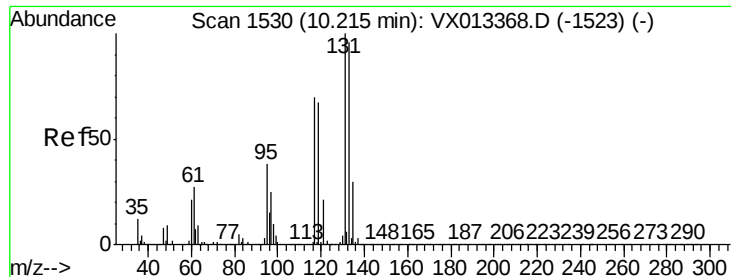
Tgt Ion: 112 Resp: 1088798

Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5





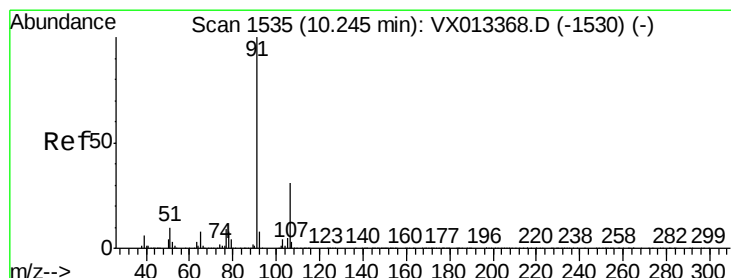
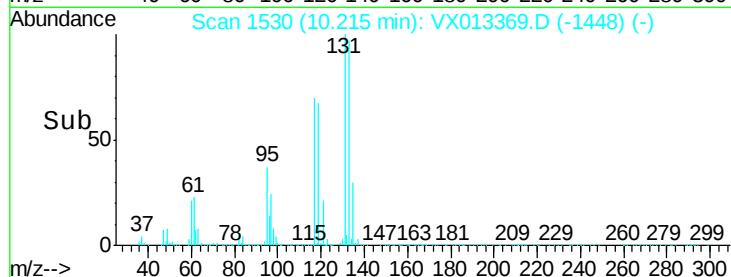
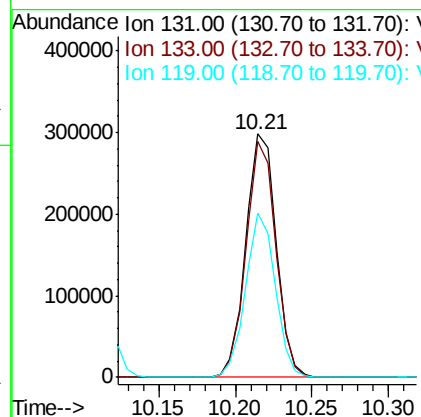
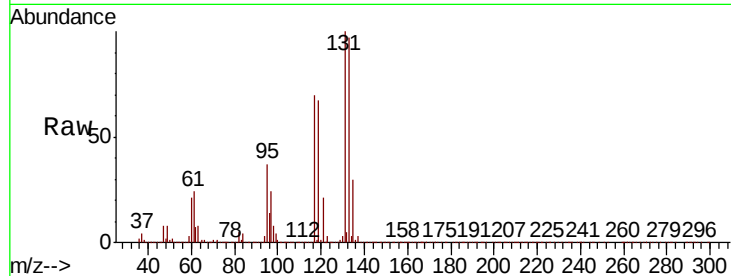
#65
 1,1,1,2-Tetrachloroethane
 Concen: 52.312 ug/l
 RT: 10.21 min Scan# 1530
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
131	100	411478		
133	94.9	0.0	192.2	
119	65.8	0.0	134.4	

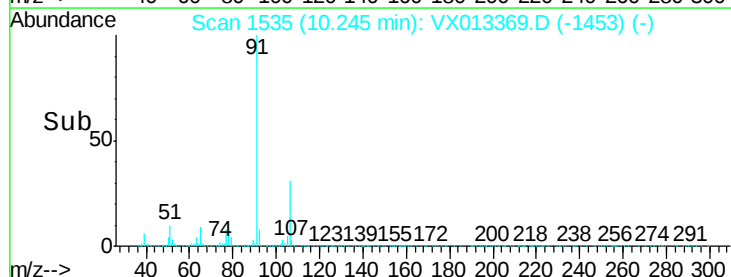
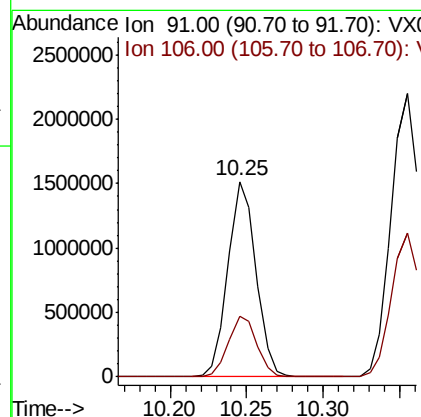
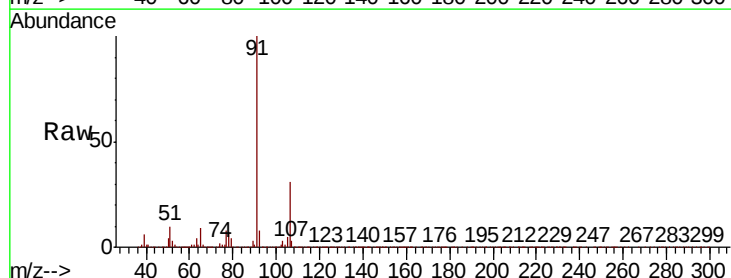
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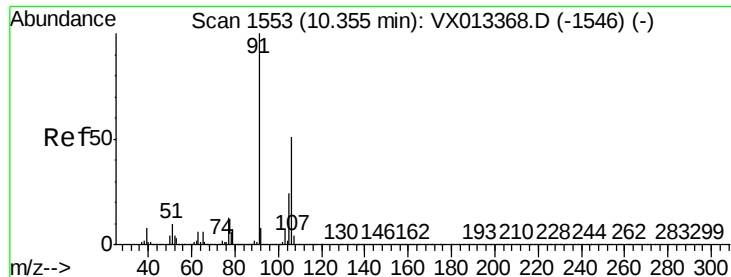
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#66
 Ethyl Benzene
 Concen: 51.027 ug/l
 RT: 10.25 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	1927352		
106	30.8	25.0	37.4	





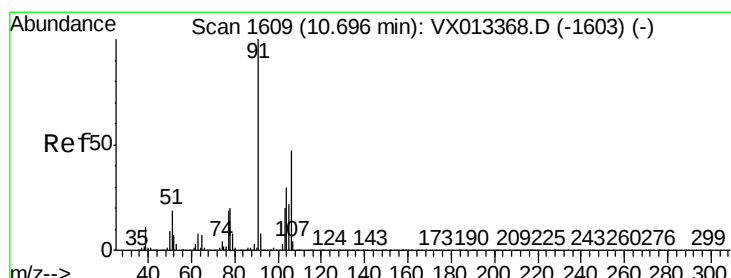
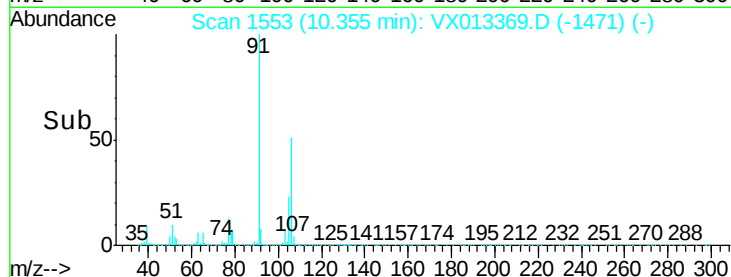
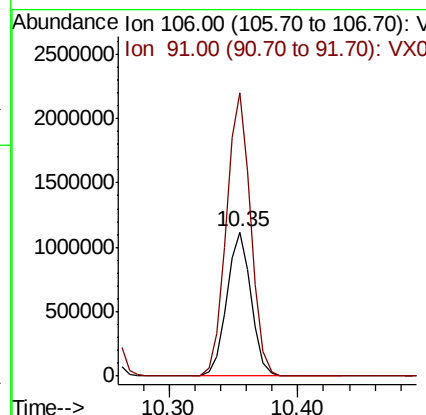
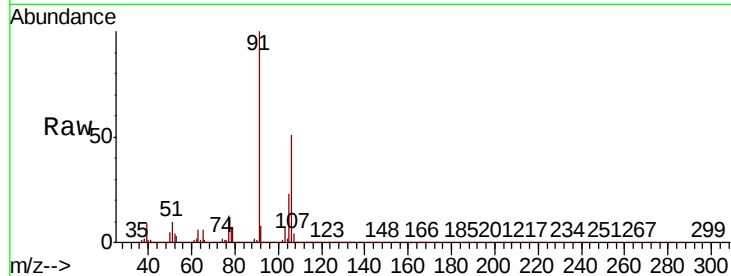
#67
m/p-Xvlenes
Concen: 103.329 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:106 Resp: 1481623
Ion Ratio Lower Upper
106 100
91 197.4 158.4 237.6

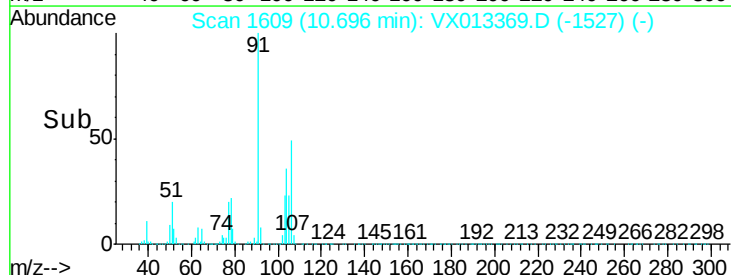
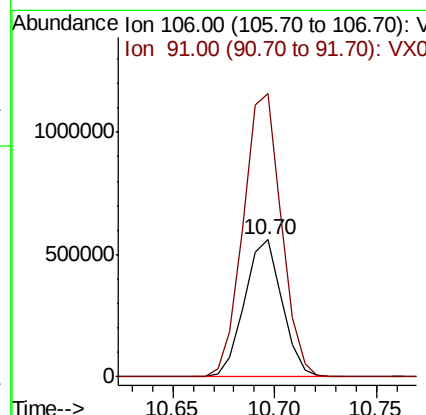
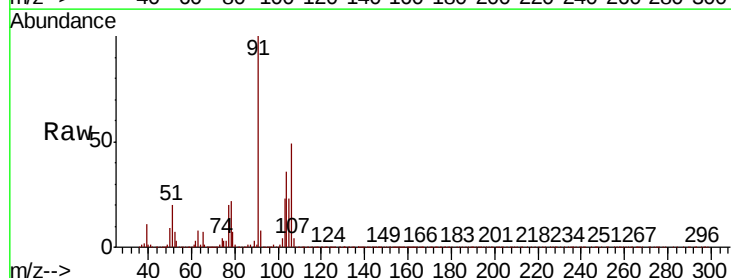
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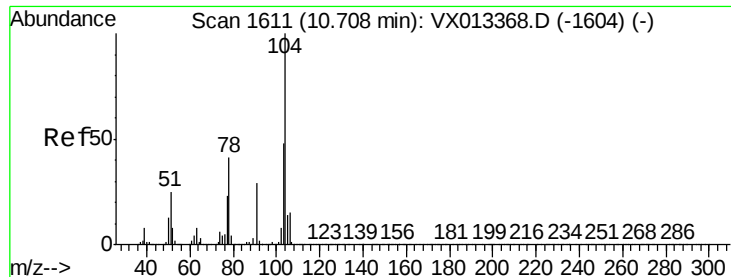
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#68
o-Xylene
Concen: 51.966 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion:106 Resp: 716528
Ion Ratio Lower Upper
106 100
91 209.3 106.4 319.2





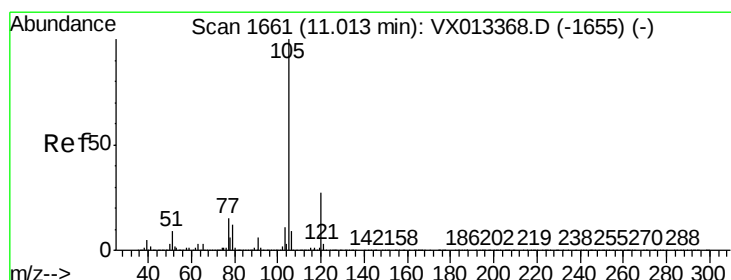
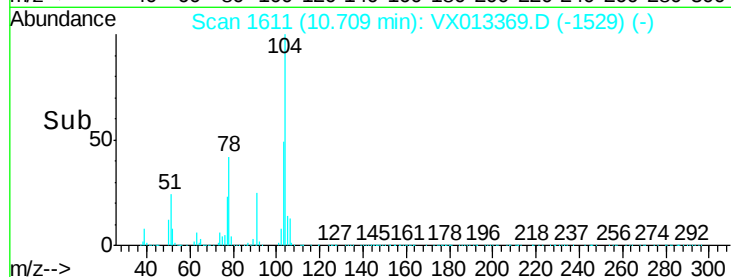
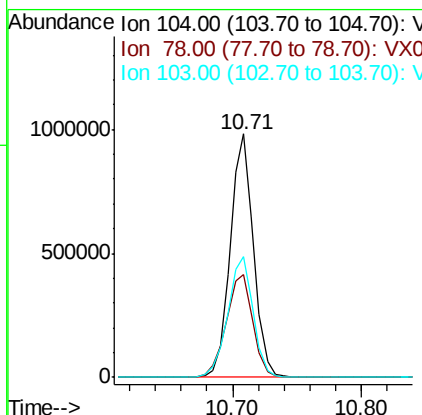
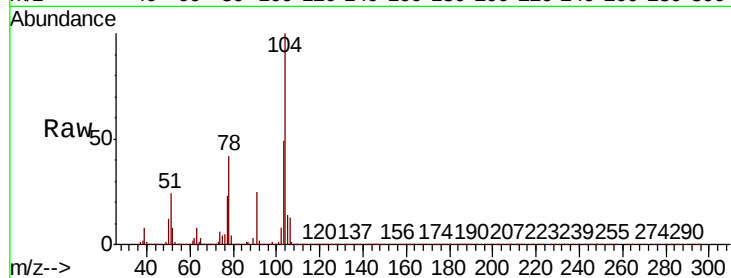
#69
Stvrene
Concen: 52.450 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.5	38.2	57.4
103	54.5	43.2	64.8

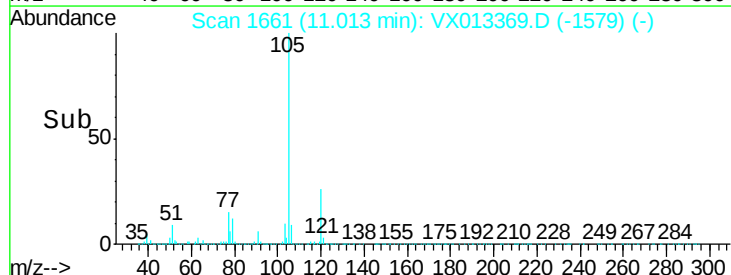
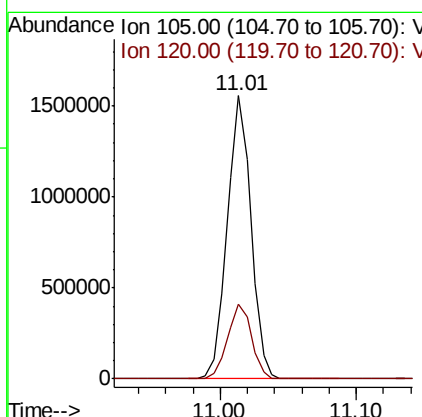
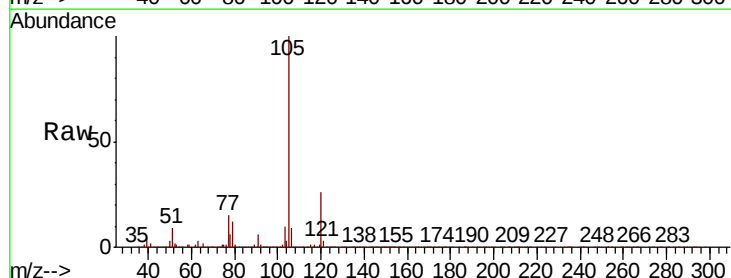
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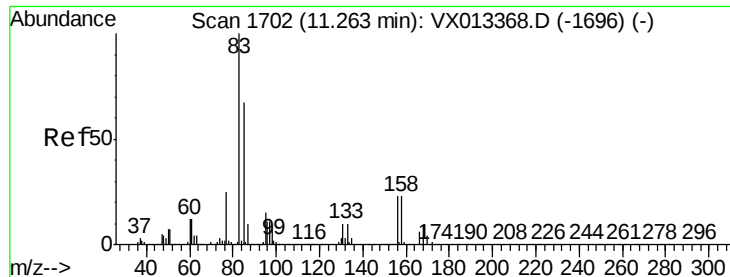
MMDadoda
11/12/2019 11:49:42 AM



#70
Isopropylbenzene
Concen: 50.246 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.8	18.8	34.8





#71

1,1,2,2-Tetrachloroethane

Concen: 56.610 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

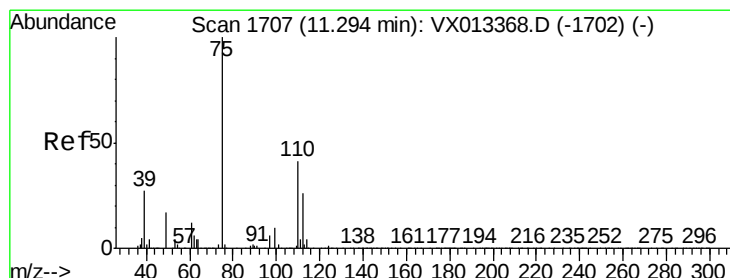
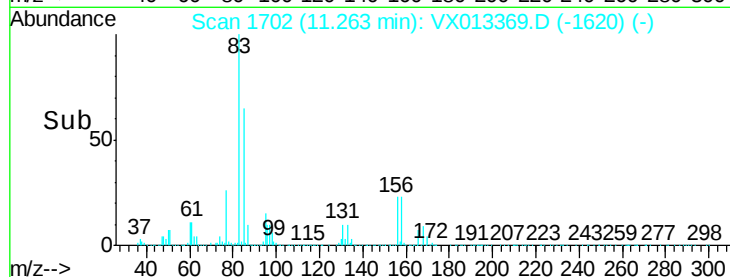
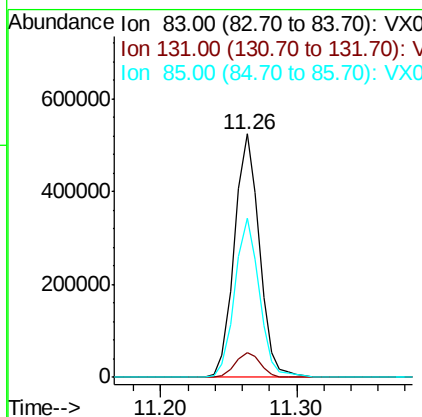
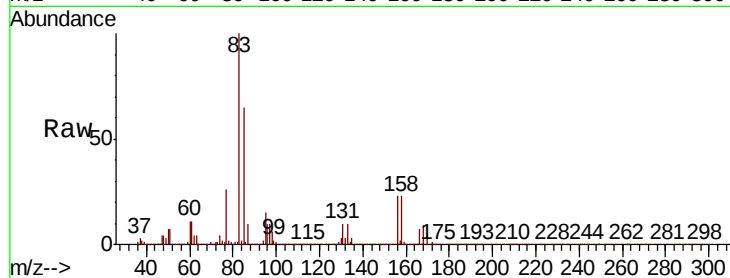
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	672589
Ion Ratio		Lower	Upper
83	100		
131	10.4	4.7	14.1
85	64.3	32.6	97.7

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#72

1,2,3-Trichloropropane

Concen: 54.186 ug/l m

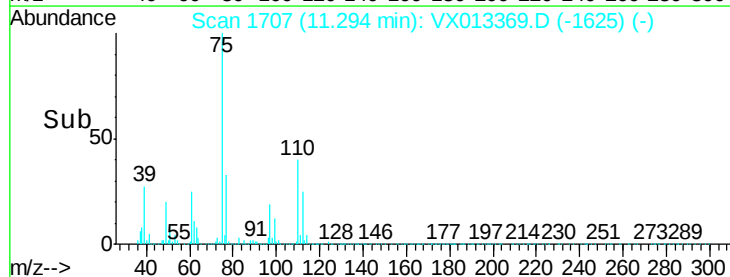
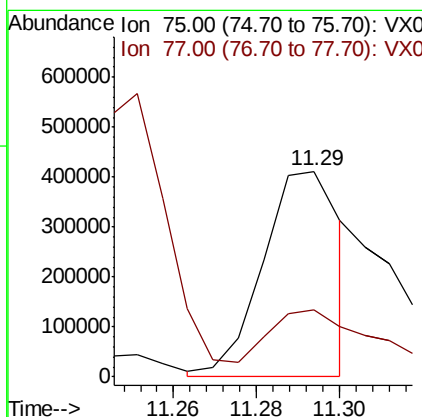
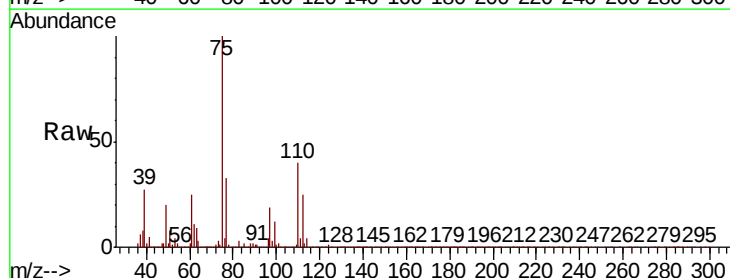
RT: 11.29 min Scan# 1707

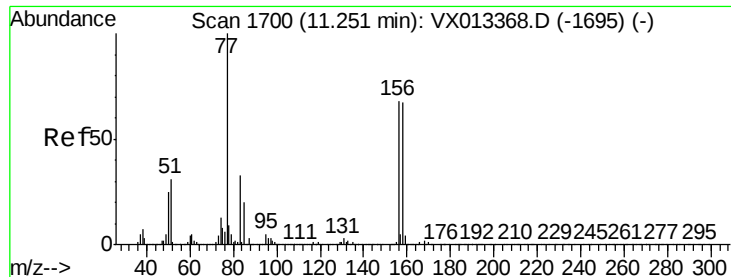
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	75	Resp:	533757
Ion Ratio		Lower	Upper
75	100		
77	42.8	0.0	86.2





#73

Bromobenzene

Concen: 53.269 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

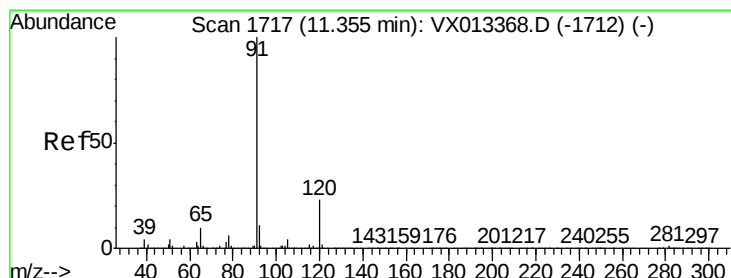
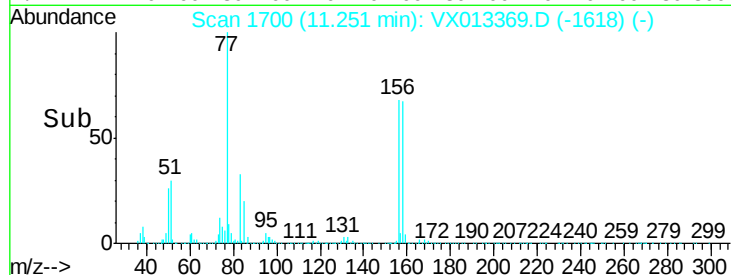
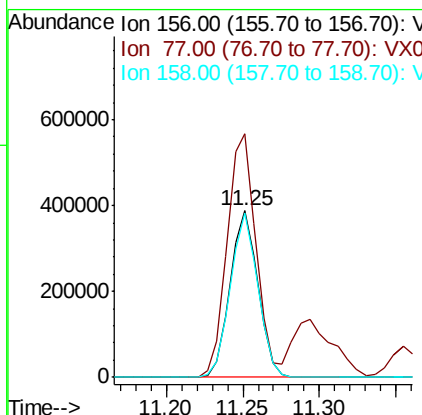
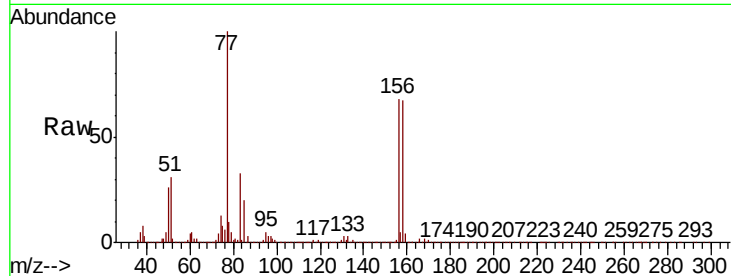
ClientSampleId :

VSTDIC050

Tot Ion:	156	Resp:	488796
Ion Ratio	Lower	Upper	
156	100		
77	151.9	0.0	308.8
158	97.5	0.0	197.0

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#74

n-propylbenzene

Concen: 52.349 ug/l

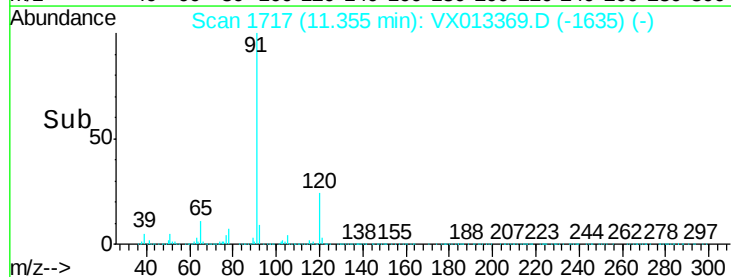
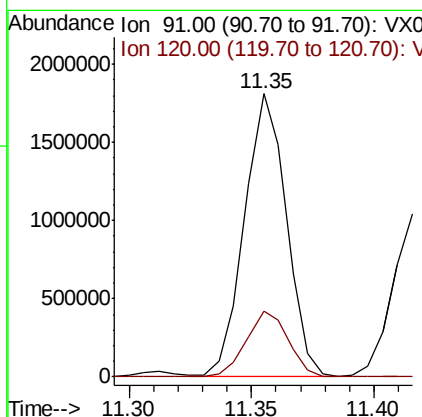
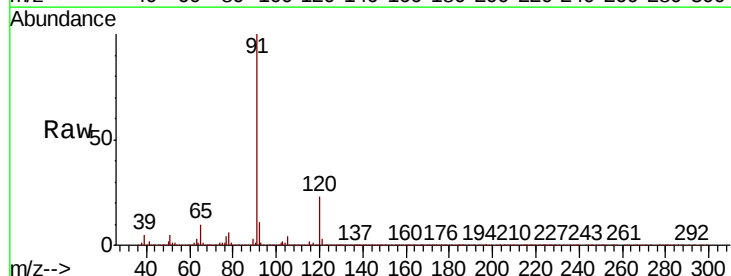
RT: 11.35 min Scan# 1717

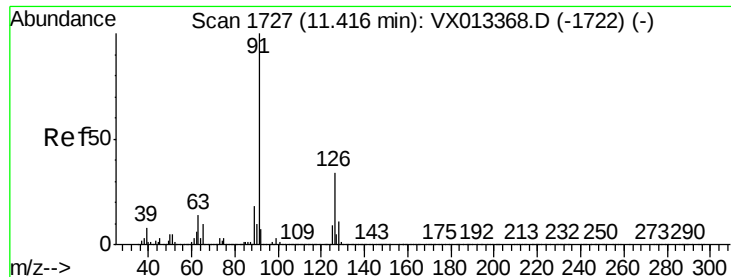
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	91	Resp:	2166883
Ion Ratio	Lower	Upper	
91	100		
120	23.3	0.0	46.2





#75

2-Chlorotoluene

Concen: 49.060 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 1257012

Ion Ratio Lower Upper

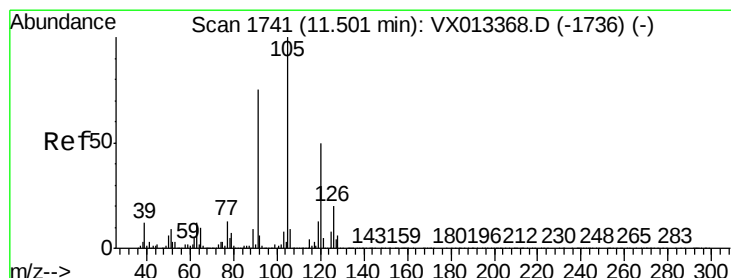
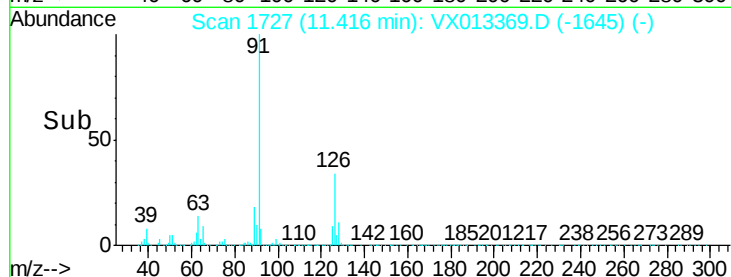
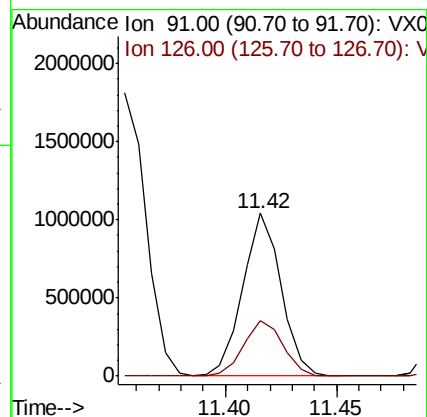
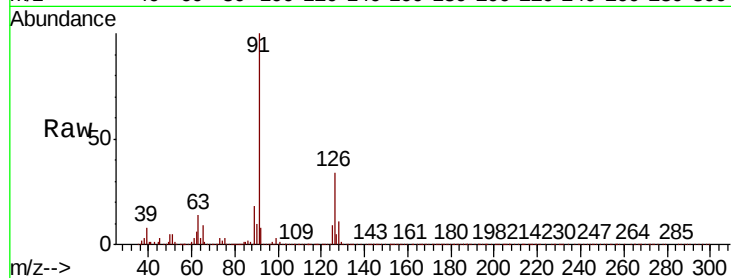
91 100

126 35.1 0.0 69.0

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#76

1,3,5-Trimethylbenzene

Concen: 49.979 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX013369.D

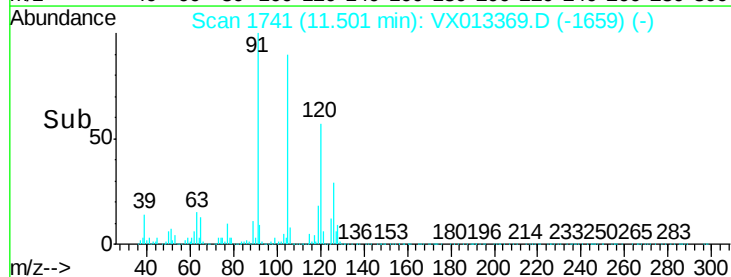
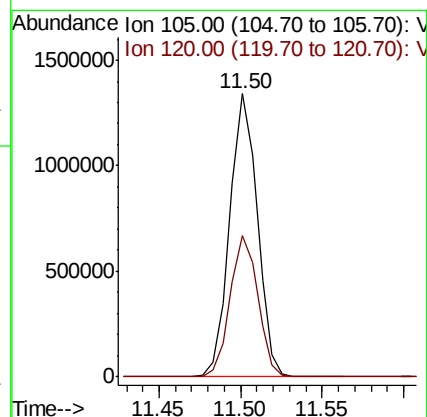
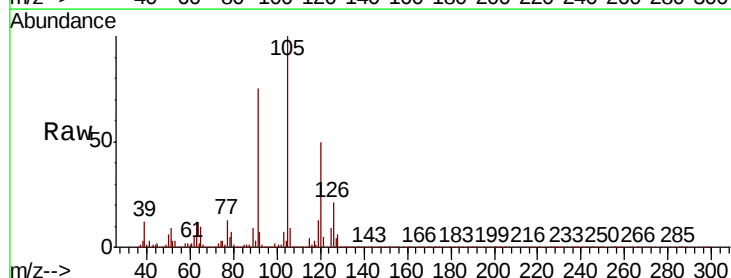
Acq: 11 Nov 2019 17:16

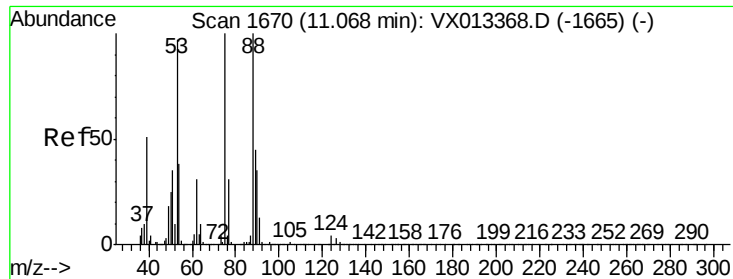
Tgt Ion: 105 Resp: 1577990

Ion Ratio Lower Upper

105 100

120 50.0 0.0 100.0





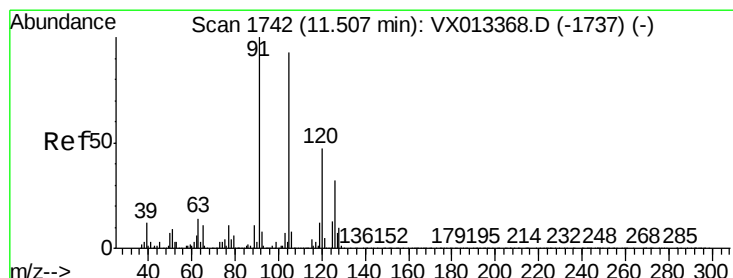
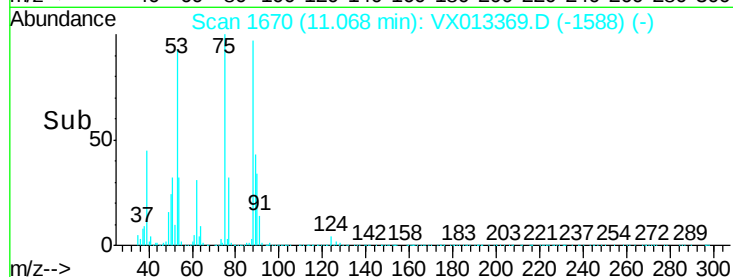
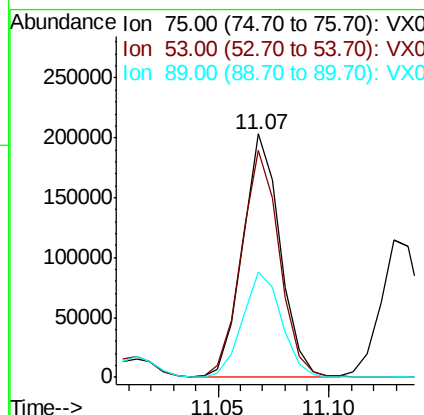
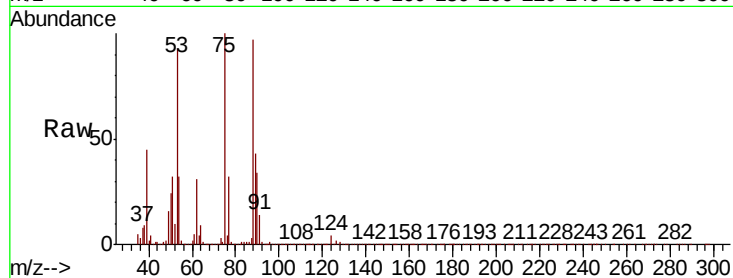
#77
t-1,4-Dichloro-2-butene
Concen: 59.444 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	92.9	48.8	146.3
89	43.1	22.3	66.8

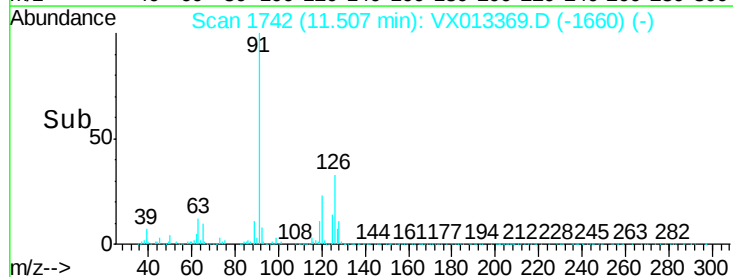
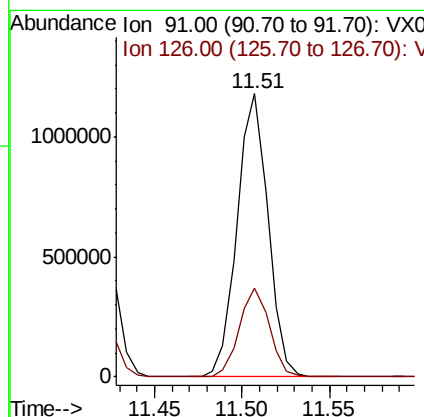
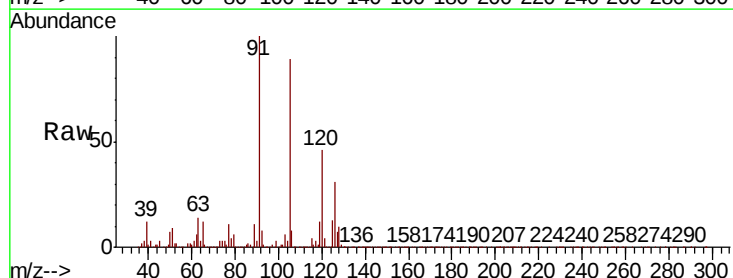
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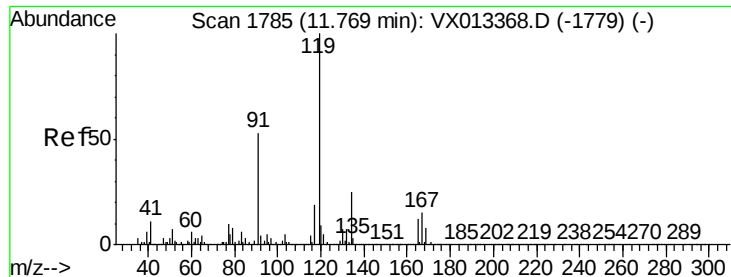
MMDadoda
11/12/2019 11:49:42 AM



#78
4-Chlorotoluene
Concen: 49.405 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.4	0.0	61.0





#79

tert-butylbenzene

Concen: 51.481 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.01 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

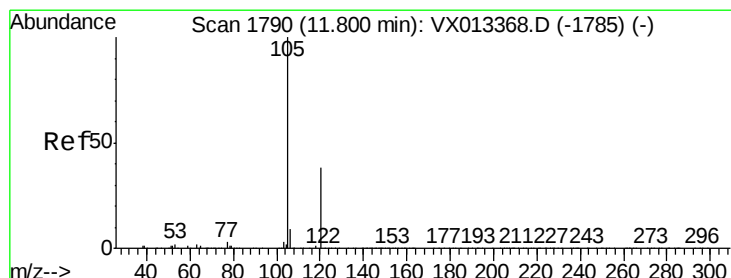
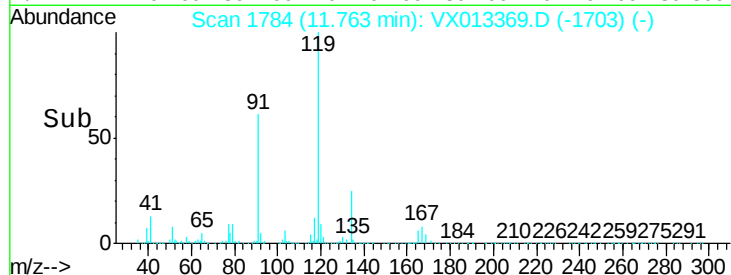
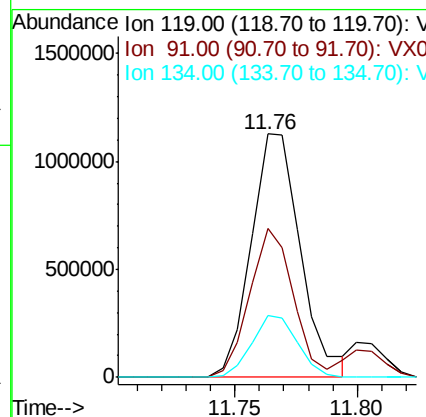
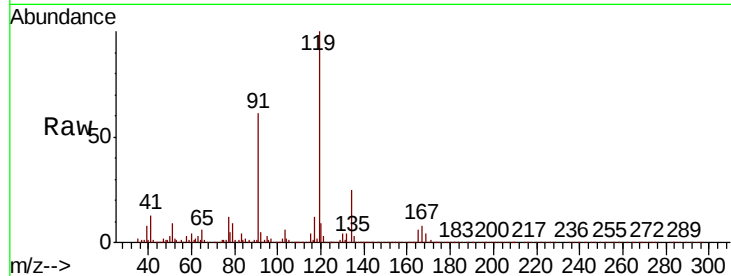
ClientSampleId :

VSTDIC050

Tot Ion:	119	Resp:	1587365
Ion	Ratio	Lower	Upper
119	100		
91	54.2	0.0	109.6
134	23.8	0.0	47.8

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#80

1,2,4-Trimethylbenzene

Concen: 50.082 ug/l

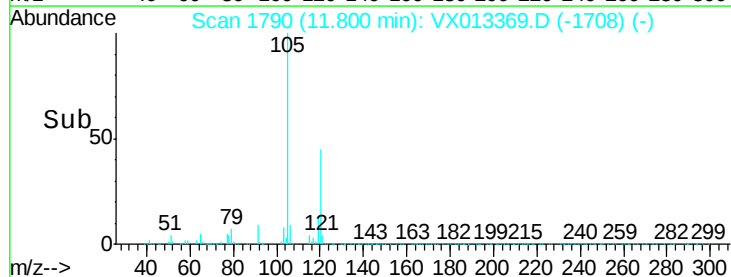
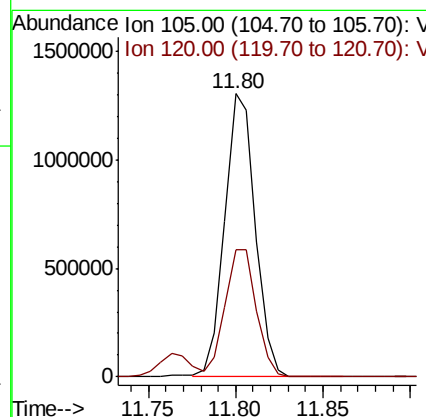
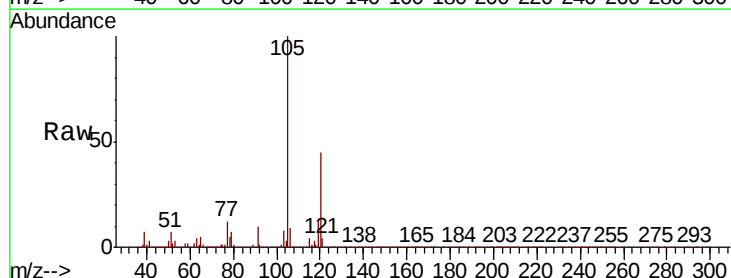
RT: 11.80 min Scan# 1790

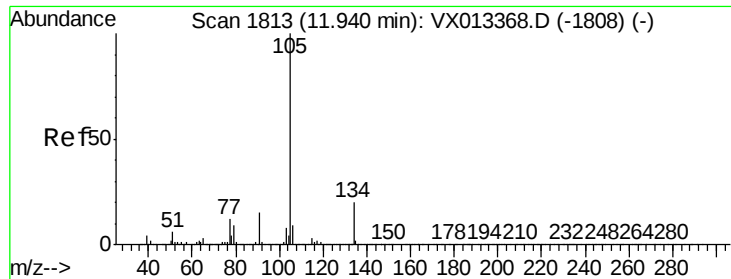
Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Tgt Ion:	105	Resp:	1578068
Ion	Ratio	Lower	Upper
105	100		
120	46.0	0.0	94.0





#81

sec-Butylbenzene

Concen: 50.856 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:105 Resp: 1835137

Ion Ratio Lower Upper

105 100

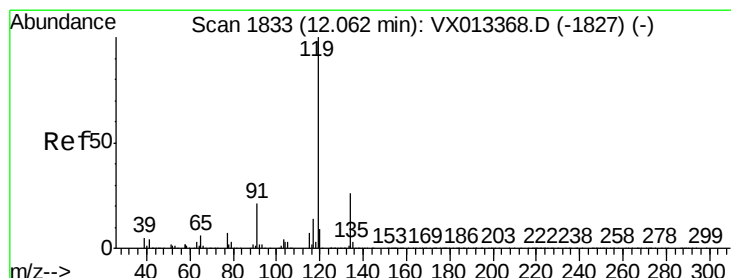
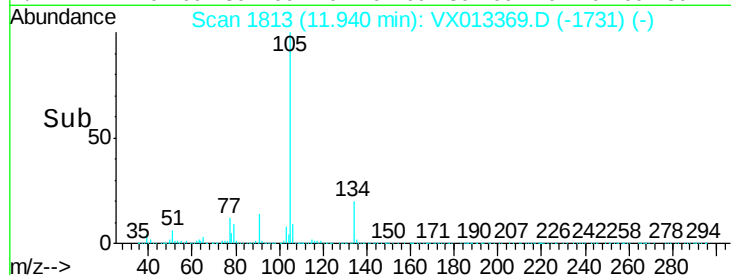
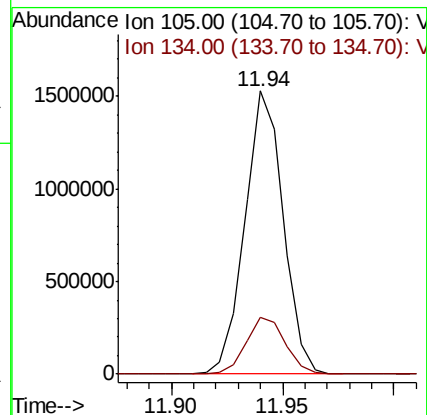
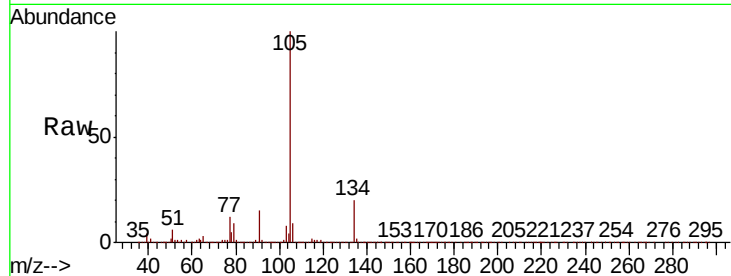
134 20.6 0.0 41.2

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#82

p-Isopropyltoluene

Concen: 50.816 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VX013369.D

Acq: 11 Nov 2019 17:16

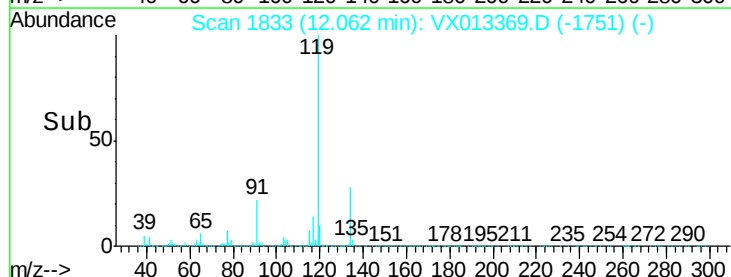
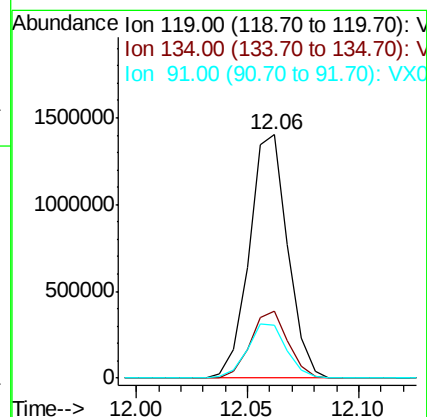
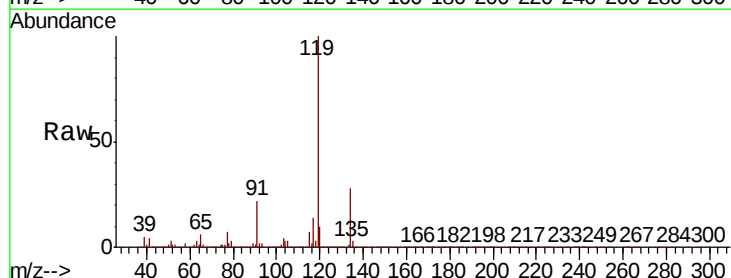
Tgt Ion:119 Resp: 1683728

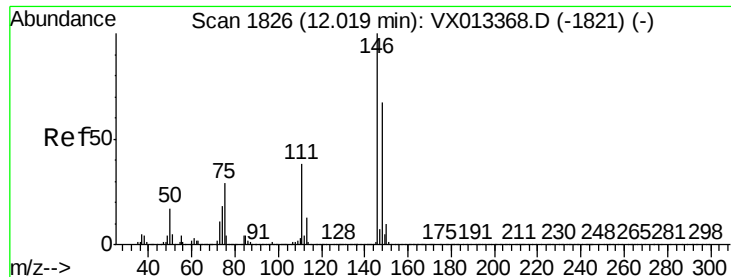
Ion Ratio Lower Upper

119 100

134 27.0 0.0 51.6

91 22.5 0.0 44.2





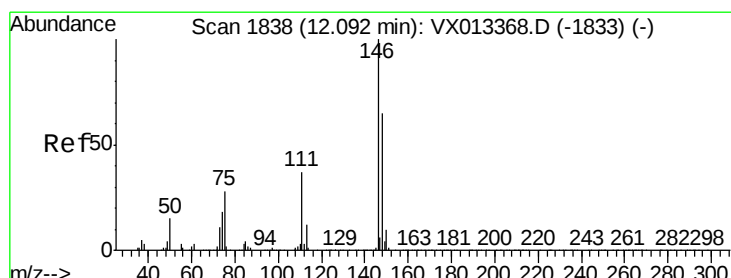
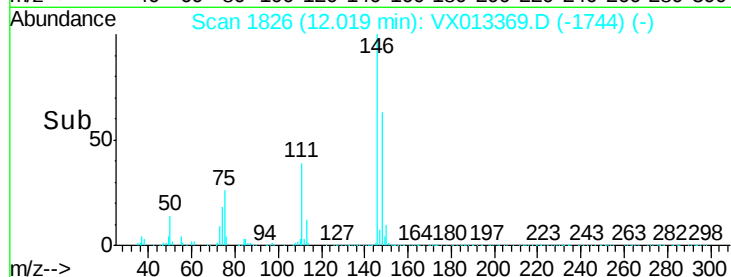
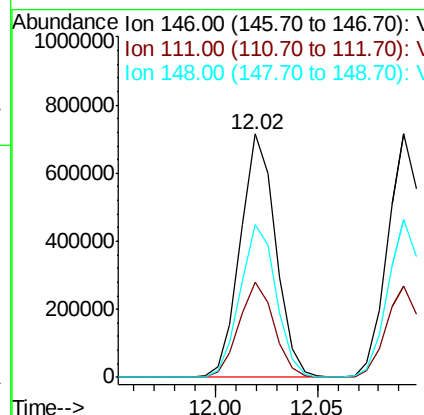
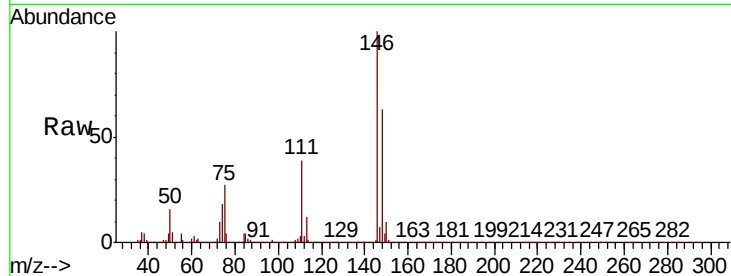
#83
1,3-Dichlorobenzene
Concen: 51.877 ug/l
RT: 12.02 min Scan# 1826
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	64.0	32.3	96.9

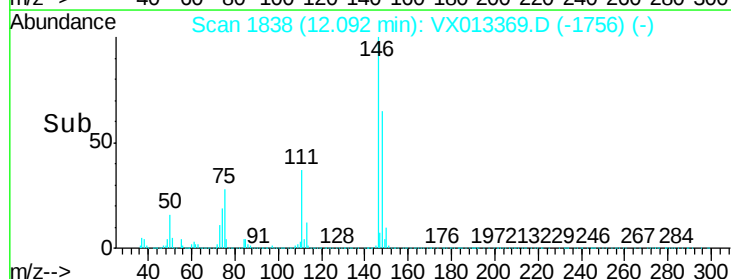
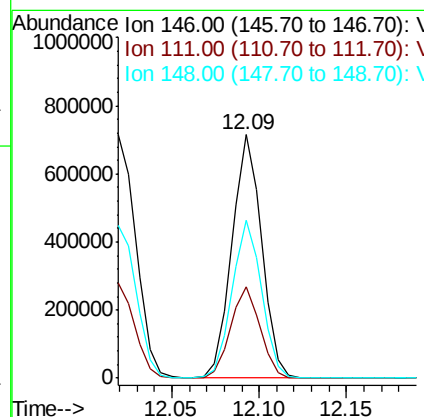
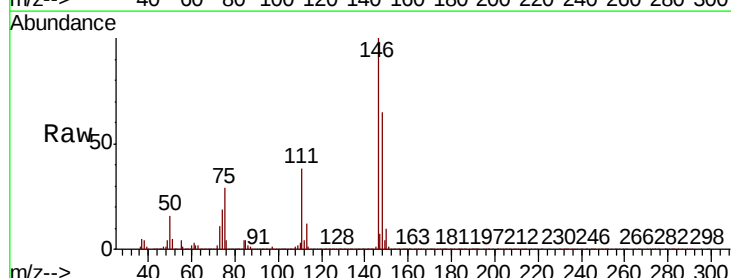
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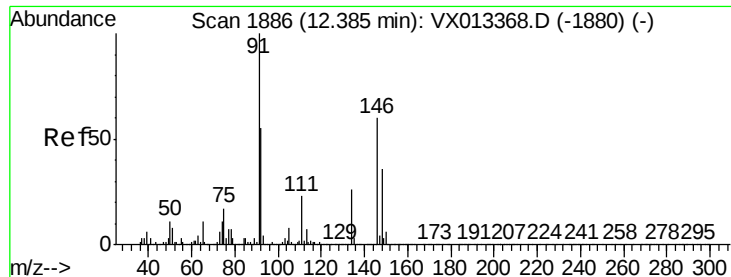
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#84
1,4-Dichlorobenzene
Concen: 51.450 ug/l
RT: 12.09 min Scan# 1838
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.6	55.6
148	64.5	32.5	97.4





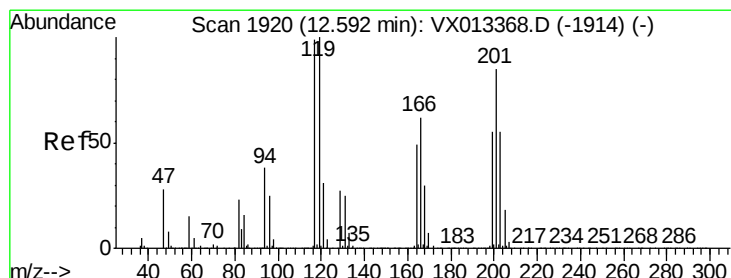
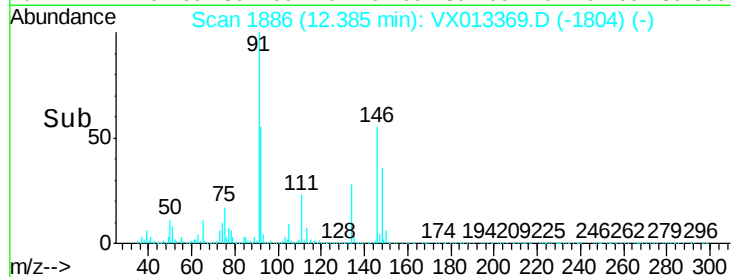
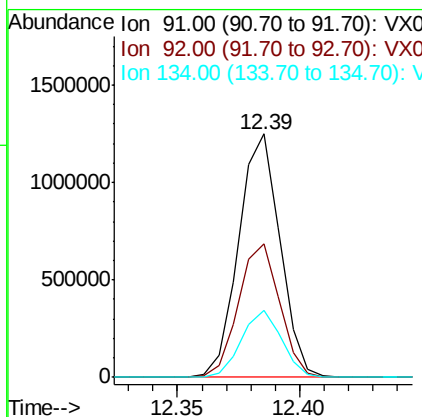
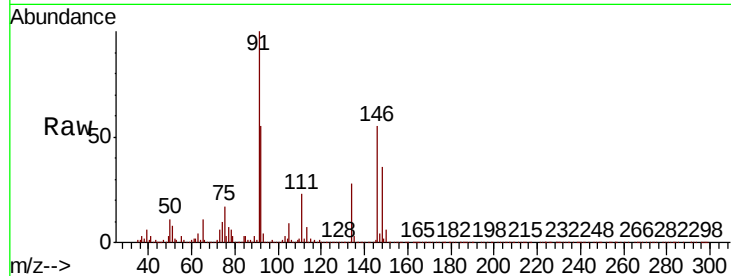
#85
n-Butylbenzene
Concen: 51.880 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	0.0	109.0
134	26.8	0.0	53.0

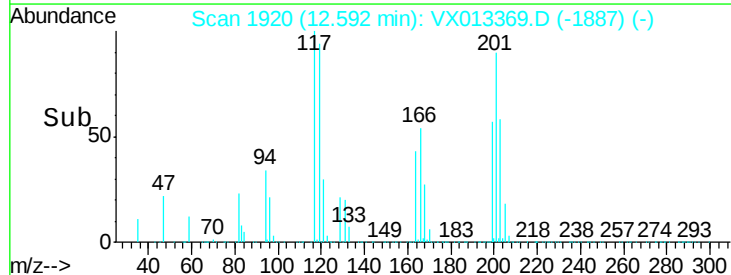
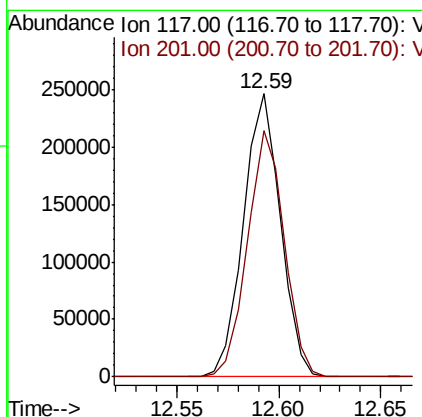
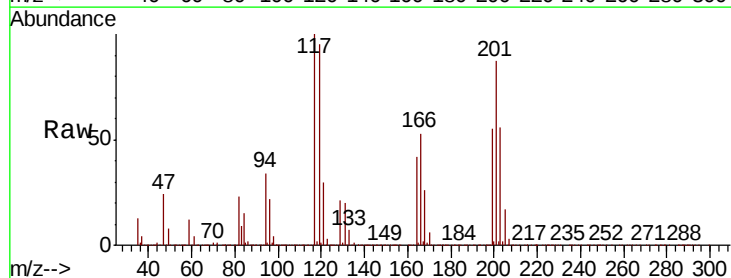
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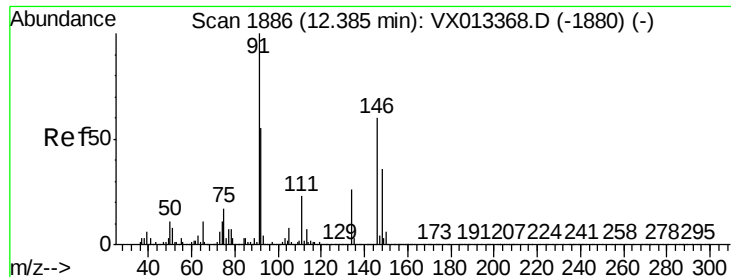
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#86
Hexachloroethane
Concen: 53.251 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.9	44.5	133.3





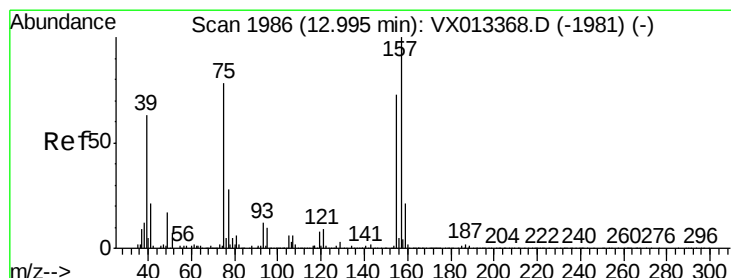
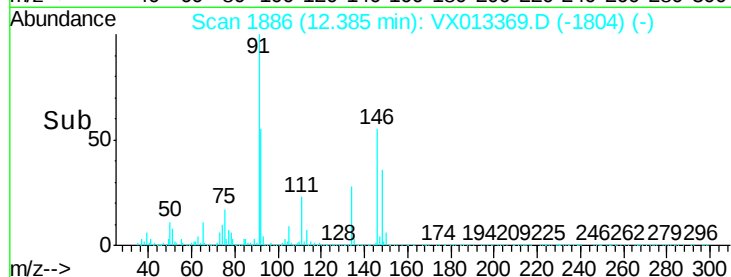
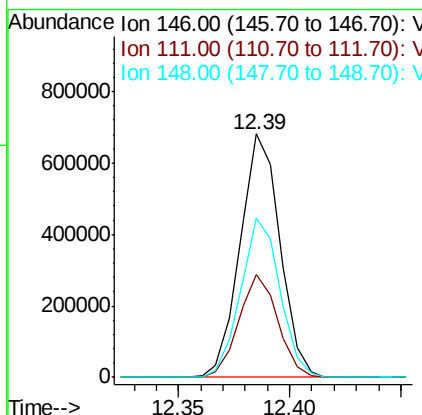
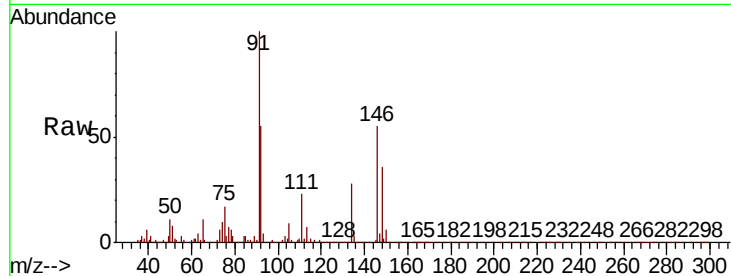
#87
 1,2-Dichlorobenzene
 Concen: 52.827 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.0	19.6	58.7
148	64.8	31.6	94.7

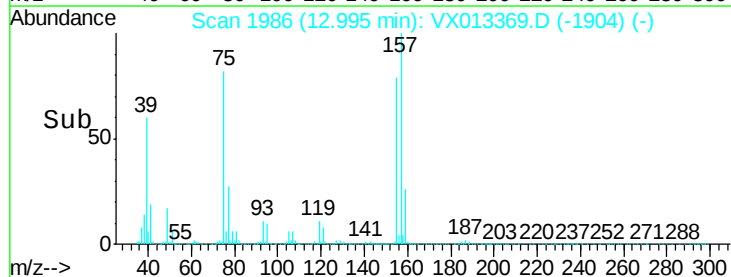
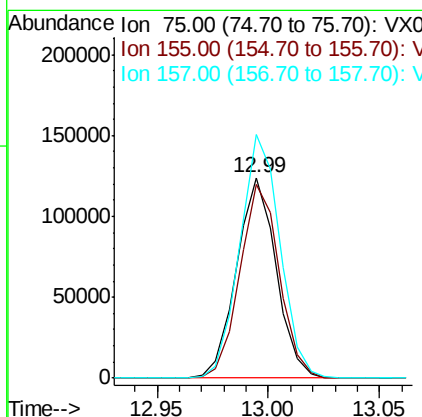
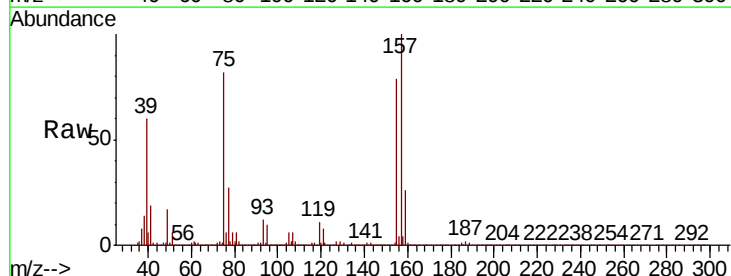
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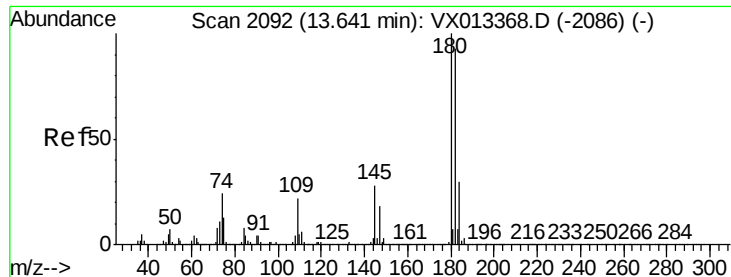
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 54.185 ug/l
 RT: 12.99 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.7	76.9	115.3
157	124.1	101.2	151.8





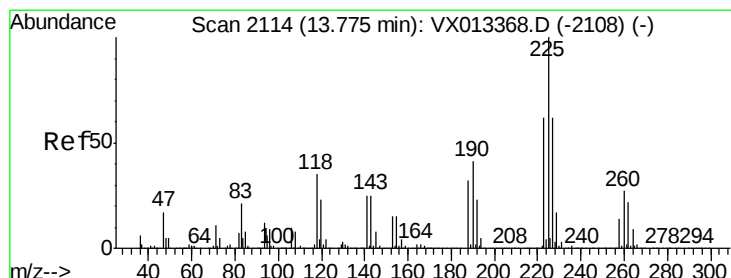
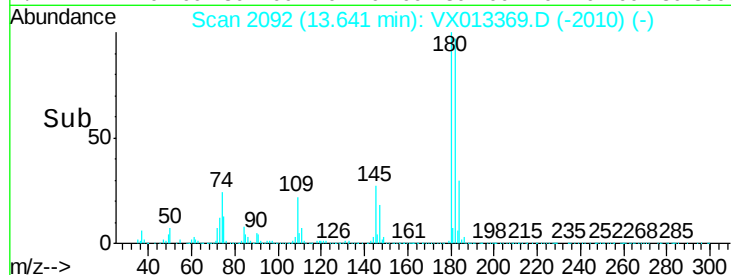
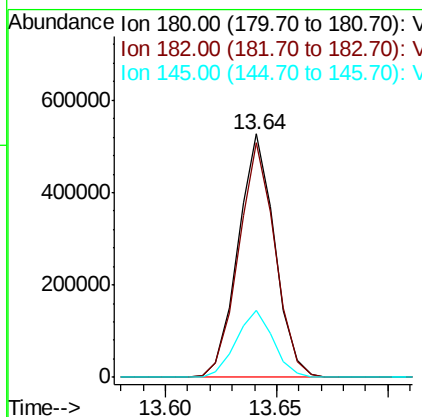
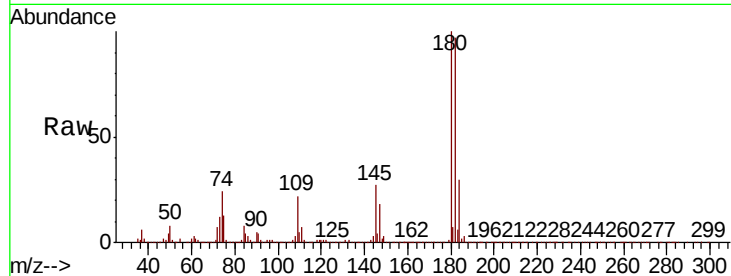
#89
 1,2,4-Trichlorobenzene
 Concen: 58.627 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	602405		
182	95.9	74.7	112.1	
145	27.7	22.1	33.1	

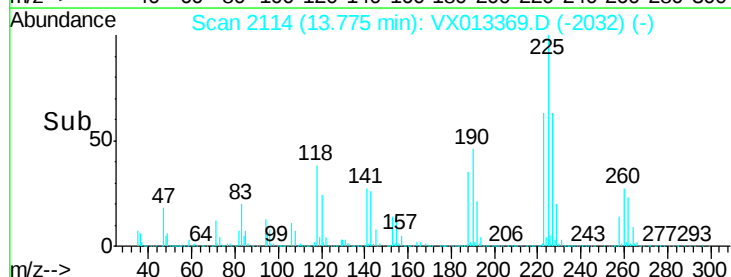
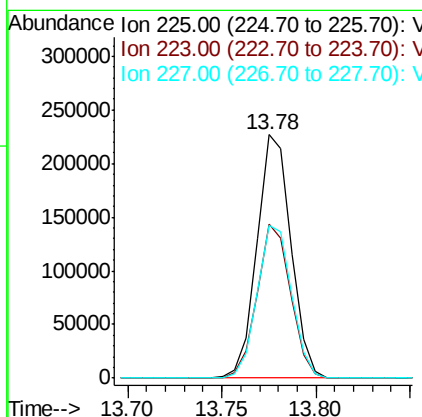
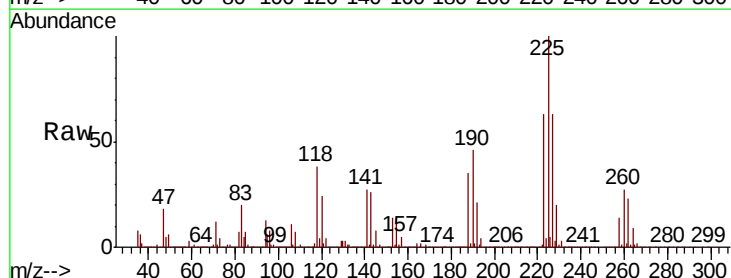
Manual Integrations
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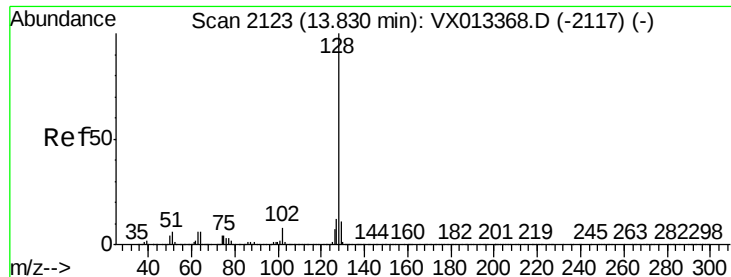
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#90
 Hexachlorobutadiene
 Concen: 54.611 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX013369.D
 Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	283626		
223	62.2	0.0	123.0	
227	63.7	0.0	121.8	





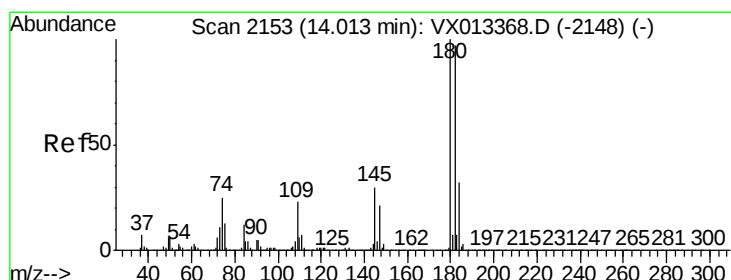
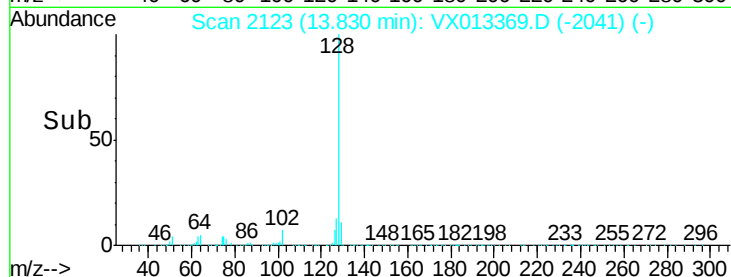
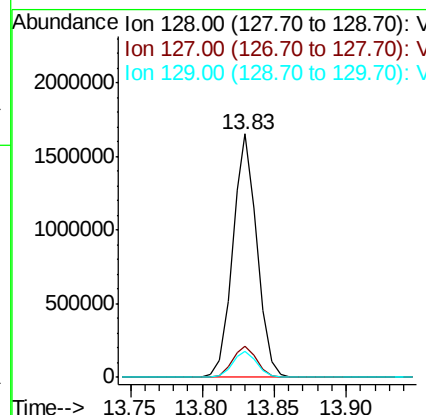
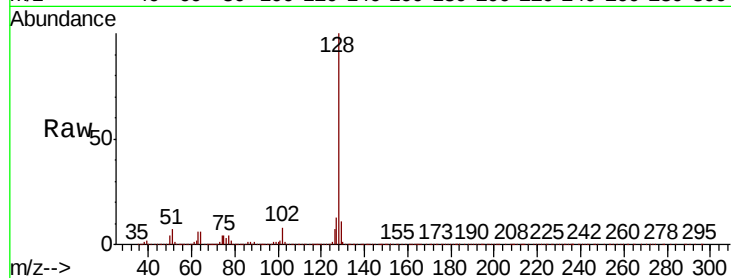
#91
Naphthalene
Concen: 58.623 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.2
129	10.9	8.8	13.2

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#92
1,2,3-Trichlorobenzene
Concen: 57.857 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX013369.D
Acq: 11 Nov 2019 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	0.0	191.0
145	30.2	0.0	59.0

