

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022120\
 Data File : VX014987.D
 Acq On : 21 Feb 2020 10:44
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:29:04 AM

Quant Time: Feb 22 00:37:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Feb 21 10:51:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	73964	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	411951	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	379282	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	151488	29.10	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	97.00%
60) 4-Bromofluorobenzene	11.14	95	180256	29.81	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	99.37%
63) Toluene-d8	8.71	98	492426	28.91	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	96.37%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	476587	101.629	ug/l 96
3) Chloromethane	1.32	50	649592	123.178	ug/l 98
4) Vinyl Chloride	1.41	62	694964	118.101	ug/l 100
5) Bromomethane	1.63	94	511766	133.144	ug/l 99
6) Chloroethane	1.71	64	447965	131.163	ug/l 100
7) Trichlorofluoromethane	1.92	101	997721	144.839	ug/l 99
8) Diethyl Ether	2.18	74	431654	144.181	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	579595	144.415	ug/l 99
10) 1,1-Dichloroethene	2.37	96	598833	148.108	ug/l 97
11) Methyl Iodide	2.50	142	821877	155.263	ug/l 100
12) Methyl Acetate	2.76	43	743791	108.546	ug/l 97
13) Acrolein	2.28	56	740682	920.594	ug/l 100
14) Acrylonitrile	3.13	53	1719068	705.027	ug/l 100
15) Acetone	2.44	58	557828	668.591	ug/l 98
16) Carbon Disulfide	2.56	76	1639703	148.507	ug/l 99
17) Allyl chloride	2.72	41	1053909	142.440	ug/l 98
18) Methylene Chloride	2.85	84	666426	141.256	ug/l 98
19) trans-1,2-Dichloroethene	3.15	96	643013	147.175	ug/l 97
20) Diisopropyl ether	3.84	45	2098970	142.268	ug/l 95
21) 1,1-Dichloroethane	3.69	63	1161614	145.215	ug/l 99
22) cis-1,2-Dichloroethene	4.59	96	754885	149.742	ug/l 98
23) tert-Butyl Alcohol	3.04	59	692794	686.041	ug/l # 100
24) Methyl tert-Butyl Ether	3.19	73	1997733	148.713	ug/l 98
25) Chloroform	5.20	83	1150318	146.833	ug/l 98
26) Cyclohexane	5.58	56	1044416	141.974	ug/l # 99
29) 1,1-Dichloropropene	5.79	75	900820	151.215	ug/l 99
30) 2-Butanone	4.66	43	2532083	681.021	ug/l 98
31) 2,2-Dichloropropane	4.58	77	984725	153.426	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	1012610	152.652	ug/l 98
33) Carbon Tetrachloride	5.78	117	888099	155.175	ug/l 94
34) Benzene	6.14	78	2648158	144.617	ug/l 99
35) Methacrylonitrile	5.03	41	533519	144.362	ug/l 96
36) 1,2-Dichloroethane	6.18	62	933311	145.897	ug/l 99
37) Trichloroethene	7.21	130	762786	151.950	ug/l 96
38) Methylcyclohexane	7.46	83	1114738	150.741	ug/l 99
39) 1,2-Dichloropropane	7.51	63	693326	145.869	ug/l 100
40) Dibromomethane	7.65	93	461106	148.948	ug/l 97

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Manual Integrations
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MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	946074	156.186	ug/l	100
42) Vinyl Acetate	3.81	43	9158888	780.313	ug/l	98
43) Ethyl Acetate	4.82	43	951795	142.065	ug/l	97
44) Isopropyl Acetate	6.43	43	1625529	148.996	ug/l	98
45) 1,4-Dioxane	7.73	88	294606	2749.402	ug/l	99
46) Methyl methacrylate	7.76	41	815006	152.105	ug/l	99
47) n-amyl Acetate	10.89	43	1499655	162.320	ug/l	99
48) t-1,3-Dichloropropene	9.04	75	1096763	165.896	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	1178076	158.495	ug/l	98
50) 1,1,2-Trichloroethane	9.21	97	687958	147.047	ug/l	96
51) Ethyl methacrylate	9.17	69	1141846	156.742	ug/l	99
52) 1,3-Dichloropropane	9.37	76	1163027	146.725	ug/l	99
53) Dibromochloromethane	9.58	129	795290	164.090	ug/l	100
54) 1,2-Dibromoethane	9.67	107	732458	151.042	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	2836651	822.794	ug/l	100
56) Bromoform	10.85	173	653303	174.960	ug/l	99
58) 4-Methyl-2-Pentanone	8.64	43	4830213	699.871	ug/l	98
59) 2-Hexanone	9.49	43	3763047	701.994	ug/l	98
61) Tetrachloroethene	9.33	164	736921	134.388	ug/l	99
62) Toluene	8.78	91	2925758	147.262	ug/l	99
64) Chlorobenzene	10.14	112	1900086	152.736	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	719954	156.554	ug/l	100
66) Ethyl Benzene	10.25	91	3329479	153.325	ug/l	99
67) m/p-Xylenes	10.35	106	2568220	308.929	ug/l	96
68) o-Xylene	10.70	106	1251705	154.726	ug/l	98
69) Styrene	10.71	104	2185566	159.303	ug/l	99
70) Isopropylbenzene	11.01	105	3271973	153.631	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	1072204	151.159	ug/l	100
72) 1,1,2,3-Trichloropropane	11.29	75	853966m	137.576	ug/l	
73) Bromobenzene	11.25	156	896848	158.345	ug/l	98
74) n-propylbenzene	11.35	91	3811755	156.469	ug/l	99
75) 2-Chlorotoluene	11.42	91	2214060	151.903	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	2831779	159.447	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	401732	171.214	ug/l	95
78) 4-Chlorotoluene	11.51	91	2625969	158.497	ug/l	99
79) tert-butylbenzene	11.76	119	2740929	164.025	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	2805057	158.754	ug/l	100
81) sec-Butylbenzene	11.94	105	3269339	158.578	ug/l	99
82) p-Isopropyltoluene	12.06	119	3052322	161.983	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	1605482	162.659	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	1606907	162.765	ug/l	98
85) n-Butylbenzene	12.38	91	2813837	170.606	ug/l	99
86) Hexachloroethane	12.59	117	576182	171.169	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	1591575	160.017	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	243225	160.106	ug/l	94
89) 1,2,4-Trichlorobenzene	13.64	180	1219343	182.759	ug/l	99
90) Hexachlorobutadiene	13.77	225	580944	174.662	ug/l	96
91) Naphthalene	13.83	128	3429775	172.134	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	1172478	173.283	ug/l	99

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MSVOA_X
ClientSampleId :
VSTDICC150

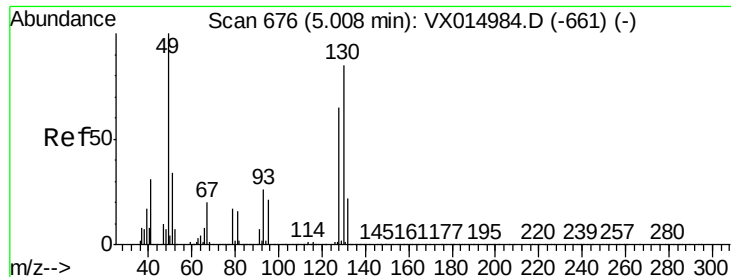
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

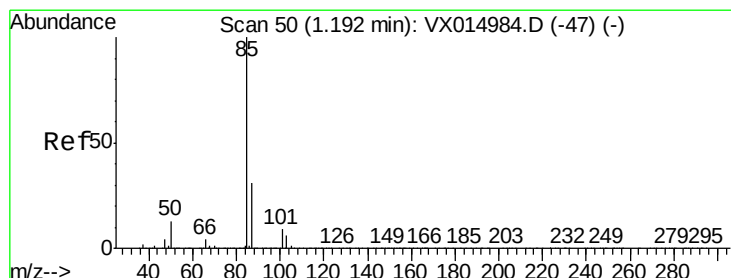
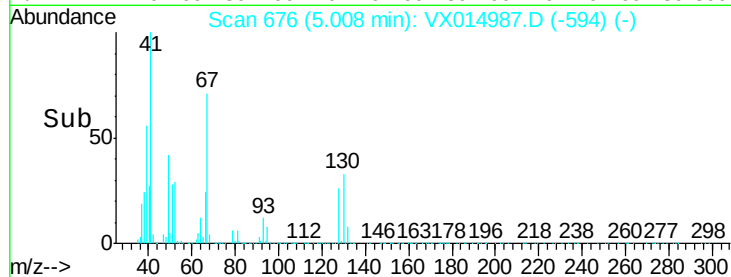
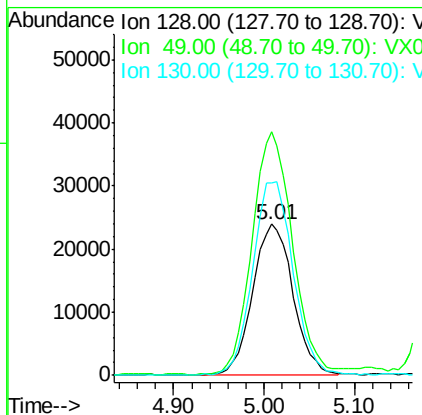
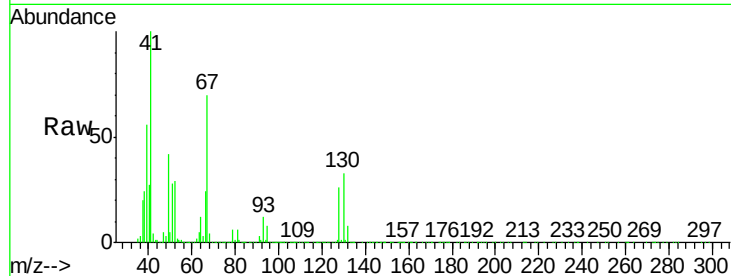
Bromochloromethane
 Concen: 30.000 ug/l
 RT: 5.01 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
49	161.5	0.0	384.7
130	127.6	0.0	330.8

Manual Integrations
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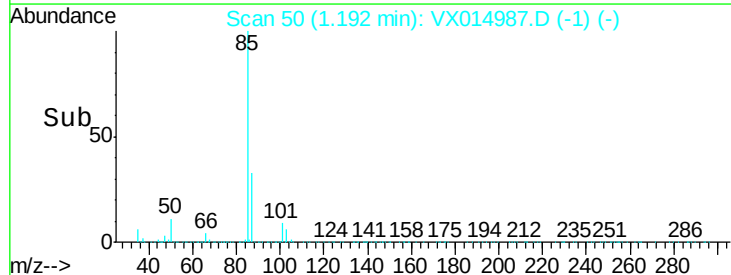
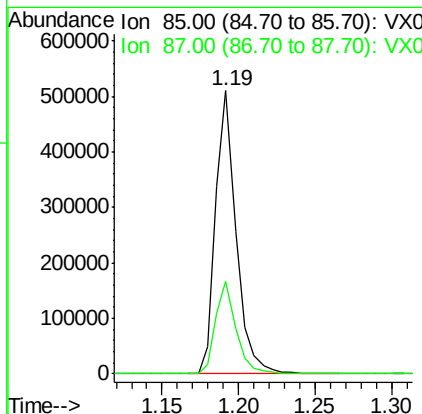
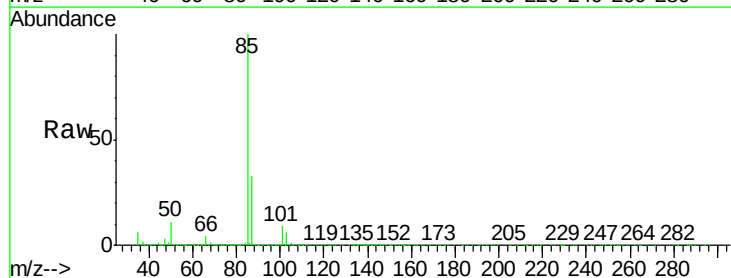
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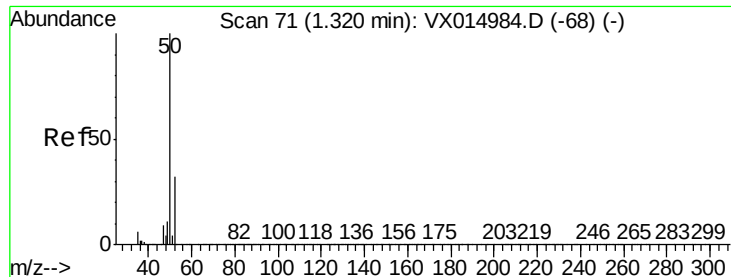


#2

Dichlorodifluoromethane
 Concen: 101.629 ug/l
 RT: 1.19 min Scan# 50
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.7	15.3	45.9





#3

Chloromethane

Concen: 123.178 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 649592

Ion Ratio Lower Upper

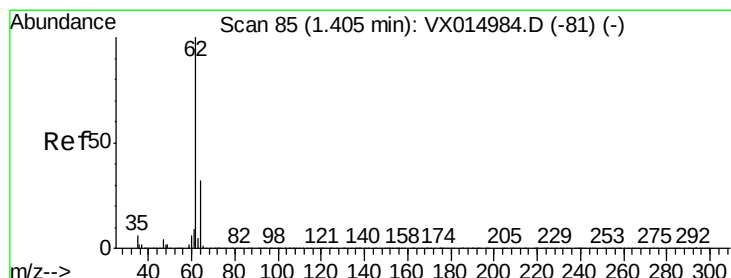
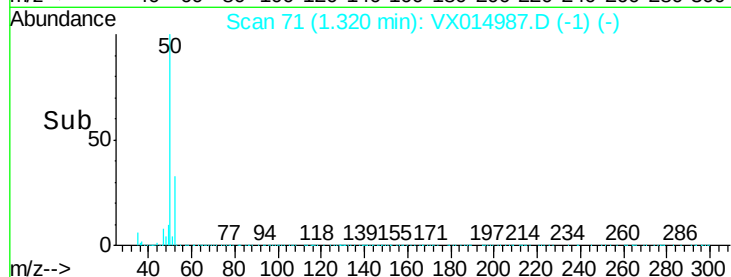
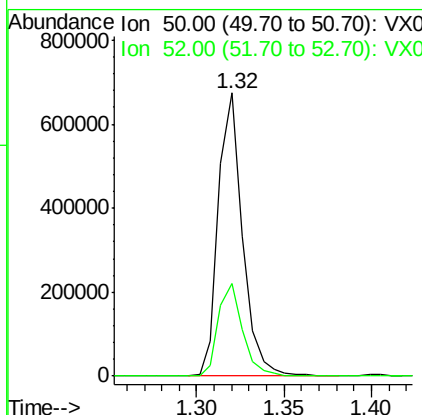
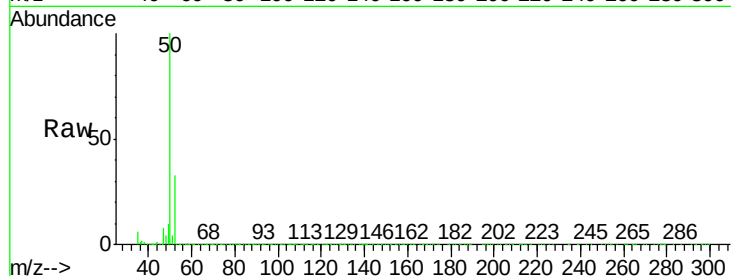
50 100

52 32.9 25.4 38.0

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#4

Vinyl Chloride

Concen: 118.101 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014987.D

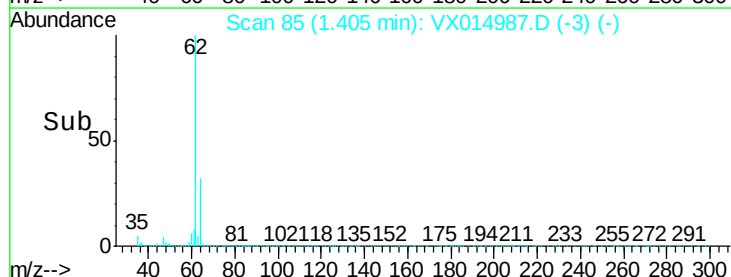
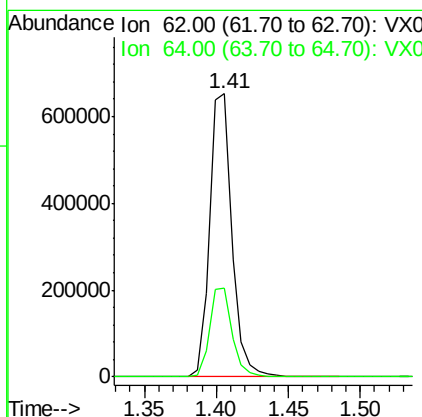
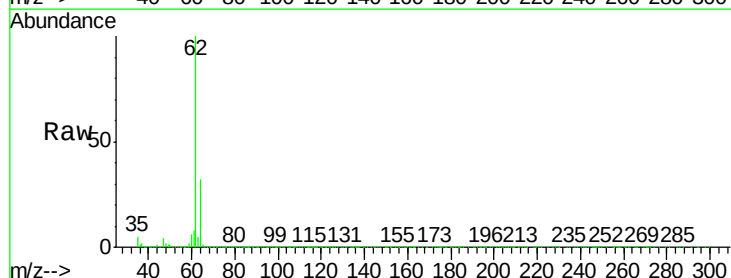
Acq: 21 Feb 2020 10:44

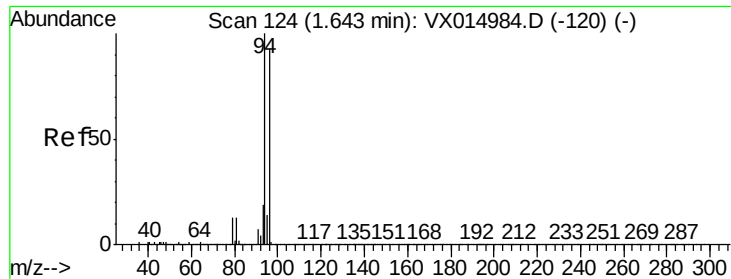
Tgt Ion: 62 Resp: 694964

Ion Ratio Lower Upper

62 100

64 31.6 25.4 38.0





#5

Bromomethane

Concen: 133.144 ug/l

RT: 1.63 min Scan# 122

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 511766

Ion Ratio Lower Upper

94 100

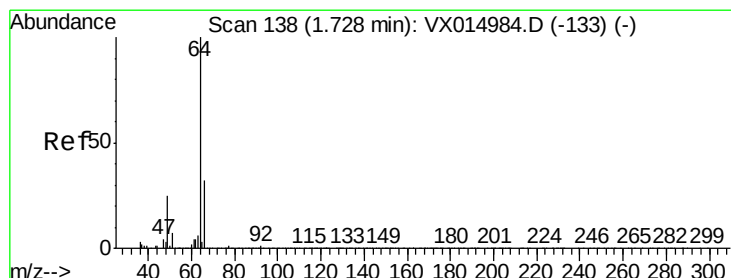
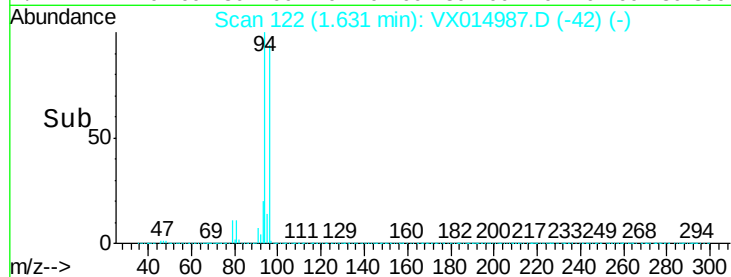
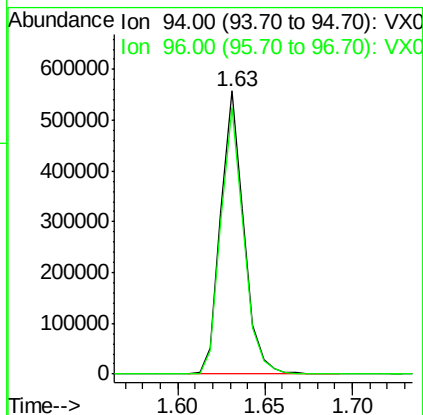
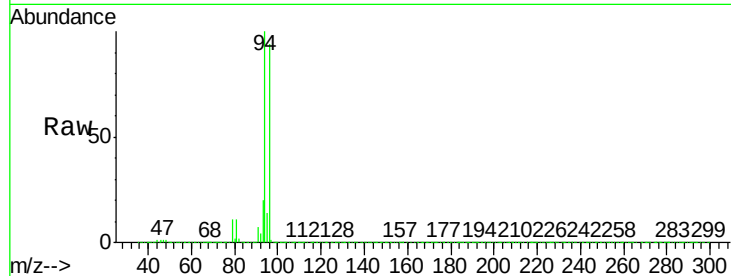
96 94.4 74.6 112.0

Manual Integrations

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#6

Chloroethane

Concen: 131.163 ug/l

RT: 1.71 min Scan# 135

Delta R.T. -0.02 min

Lab File: VX014987.D

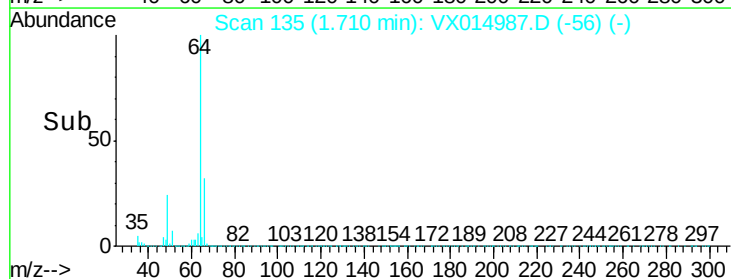
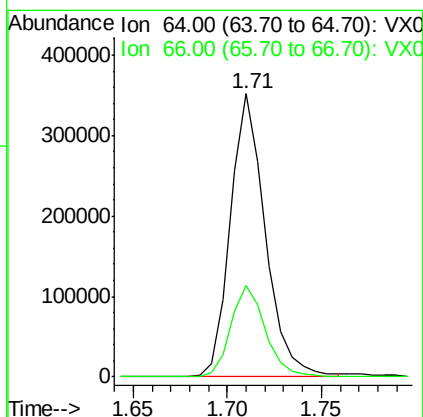
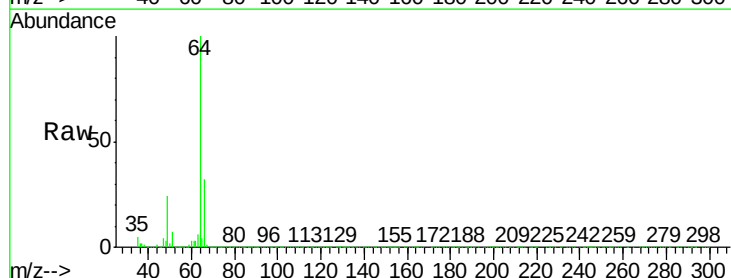
Acq: 21 Feb 2020 10:44

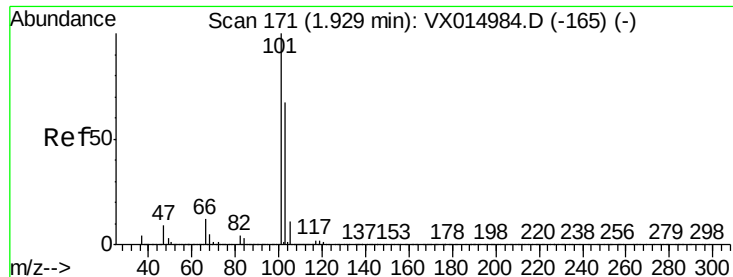
Tgt Ion: 64 Resp: 447965

Ion Ratio Lower Upper

64 100

66 32.1 25.8 38.6





#7

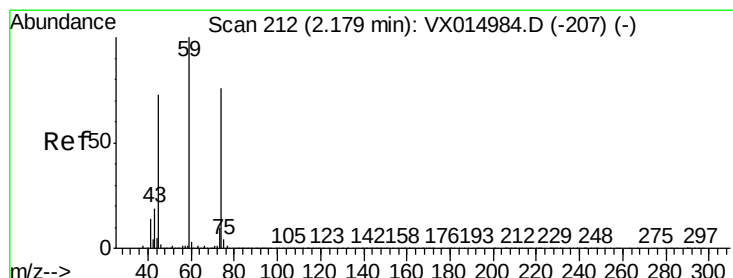
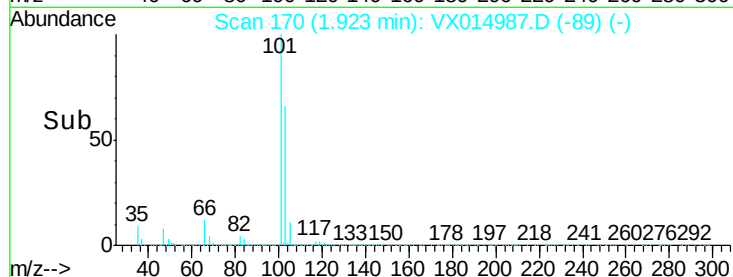
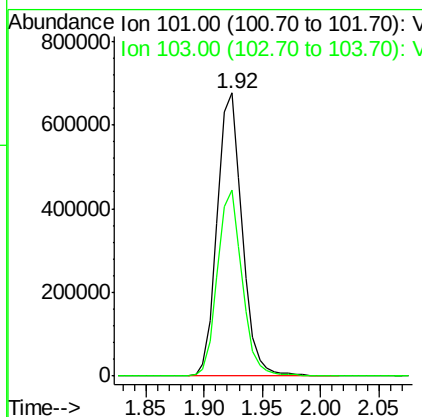
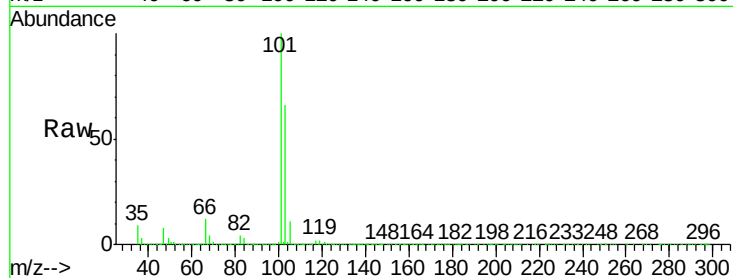
Trichlorofluoromethane
Concen: 144.839 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.4	80.2

Manual Integrations
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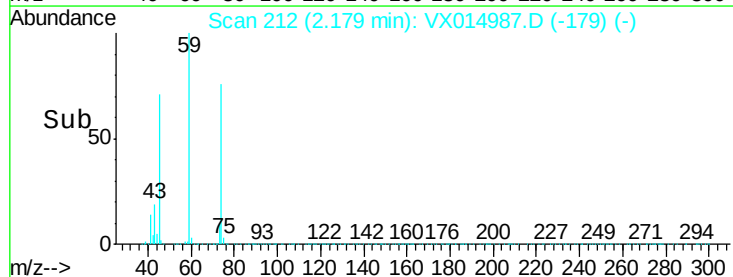
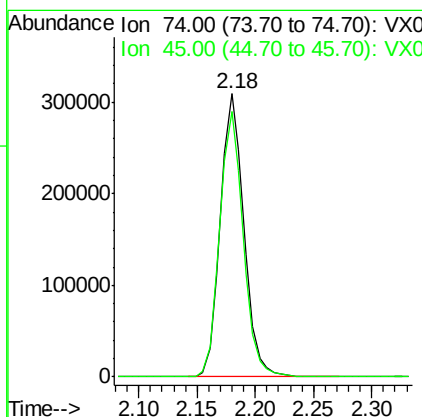
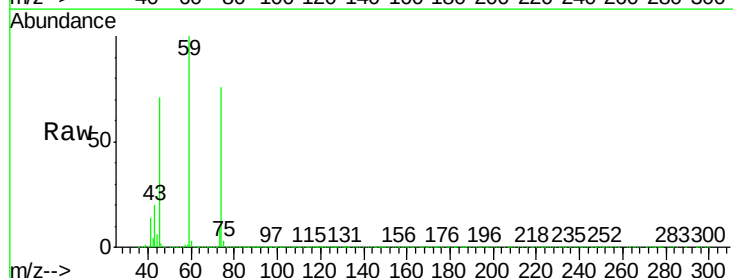
MMDadoda
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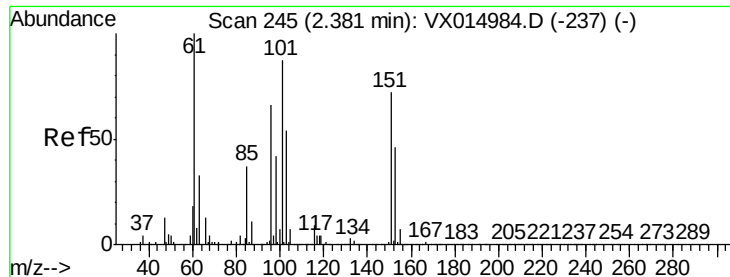


#8

Diethyl Ether
Concen: 144.181 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
74	100		
45	93.3	19.6	176.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 144.415 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

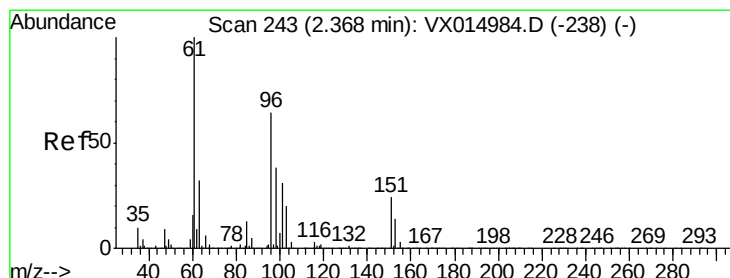
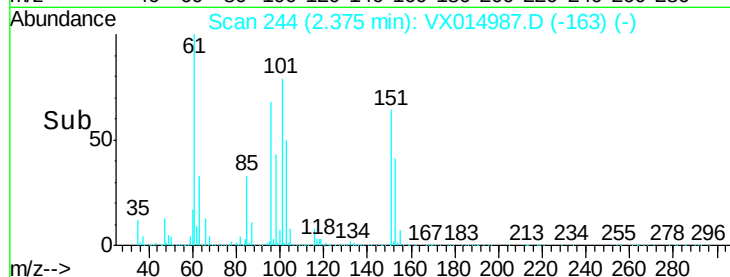
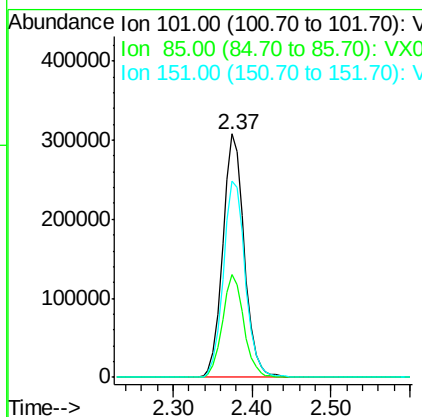
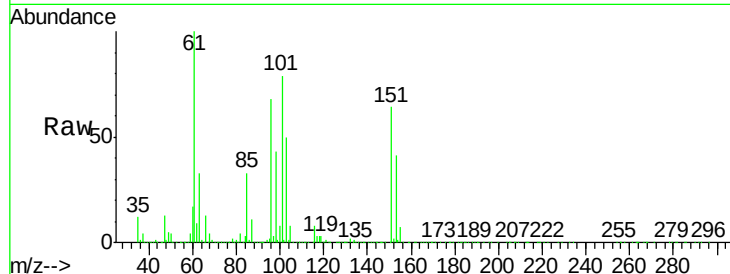
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	579595
Ion Ratio	Lower	Upper	
101	100		
85	42.1	0.0	86.6
151	83.0	0.0	167.4

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#10

1,1-Dichloroethene

Concen: 148.108 ug/l

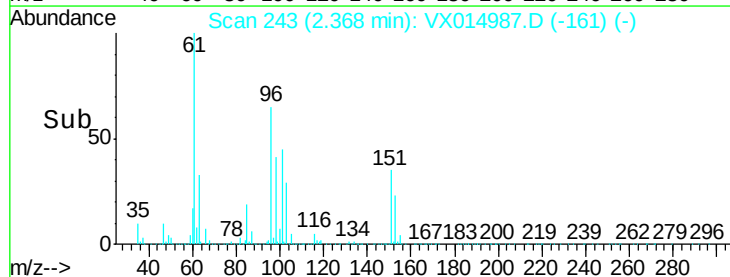
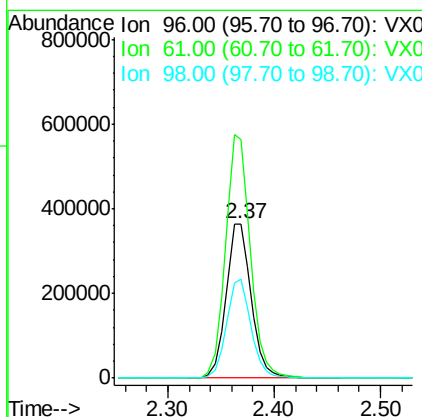
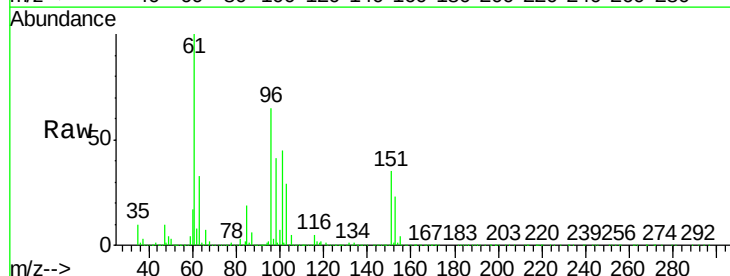
RT: 2.37 min Scan# 243

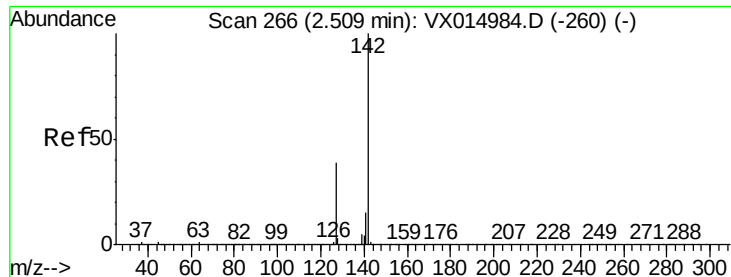
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	96	Resp:	598833
Ion Ratio	Lower	Upper	
96	100		
61	154.1	126.1	189.1
98	63.7	48.2	72.2





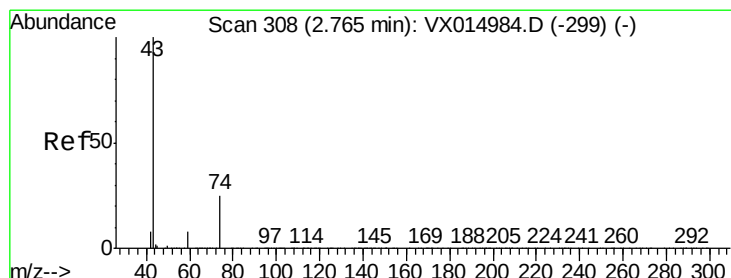
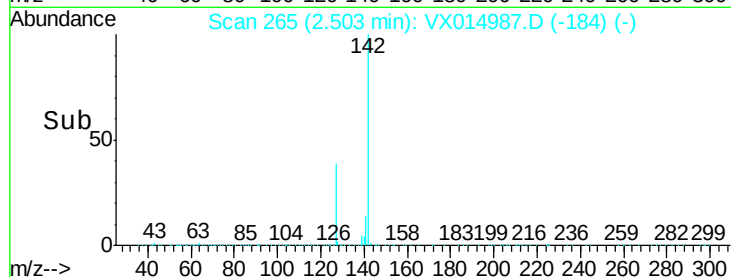
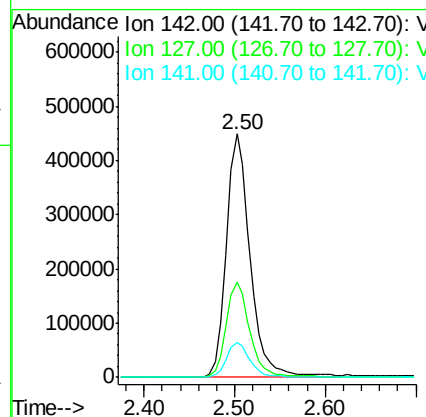
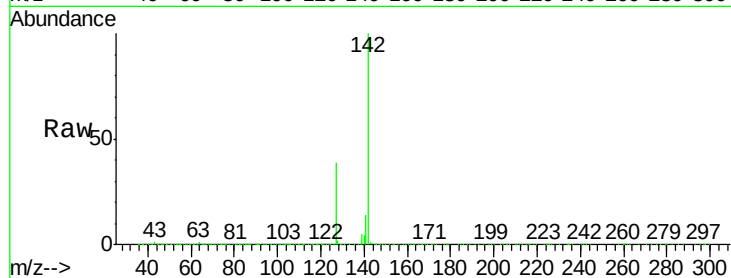
#11
Methvl Iodide
Concen: 155.263 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.1	19.7	59.0
141	14.4	7.4	22.2

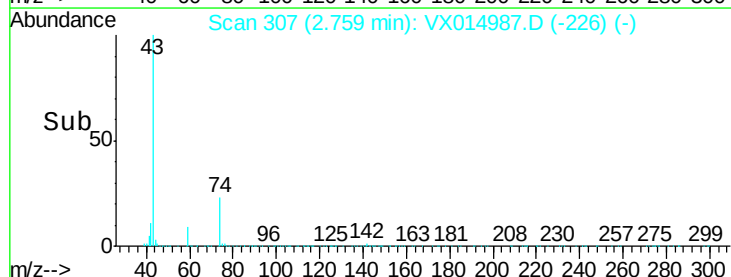
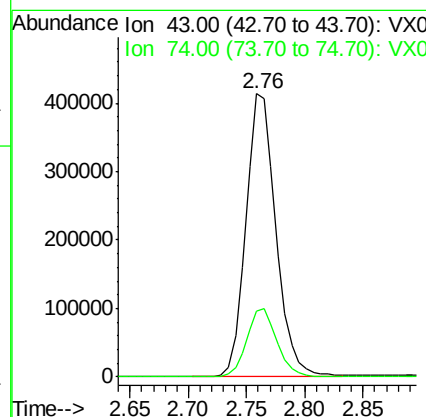
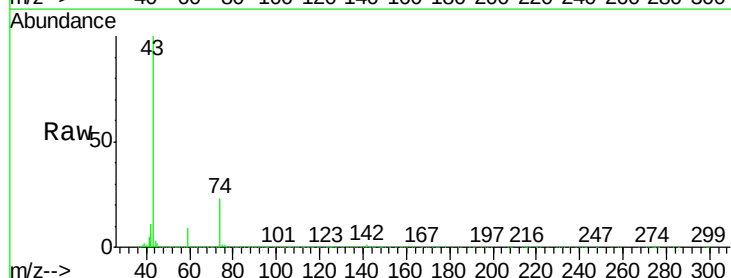
Manual Integrations
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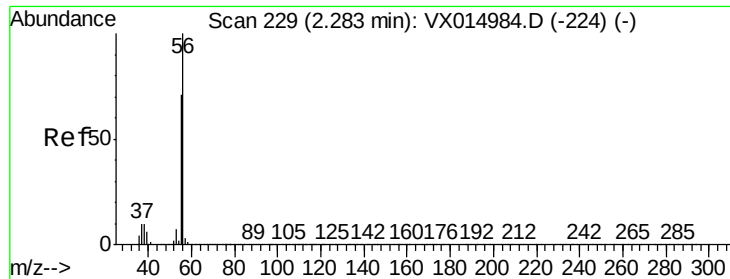
MMDadoda
2/24/2020 11:29:04 AM



#12
Methyl Acetate
Concen: 108.546 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.2	19.8	29.8





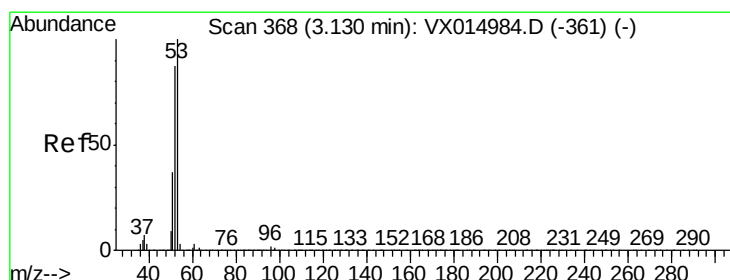
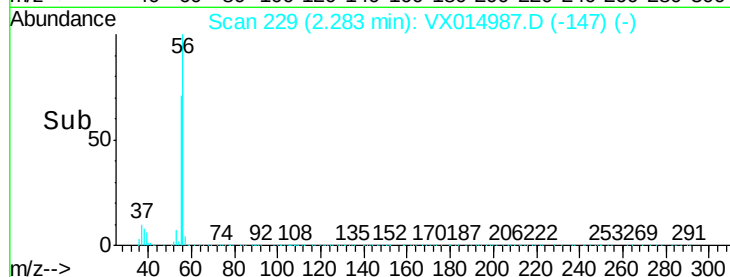
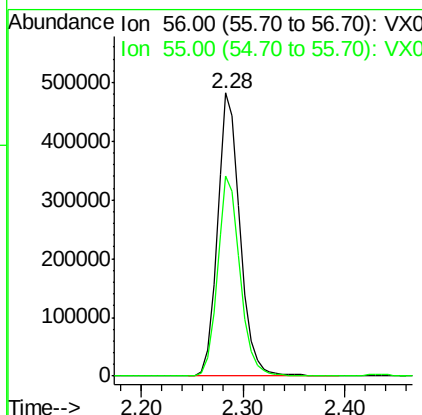
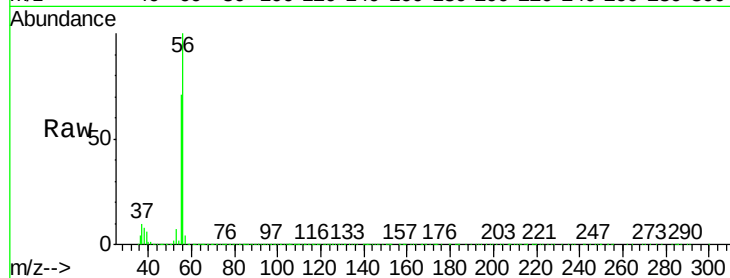
#13
Acrolein
Concen: 920.594 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
55	70.4	56.2	84.2	

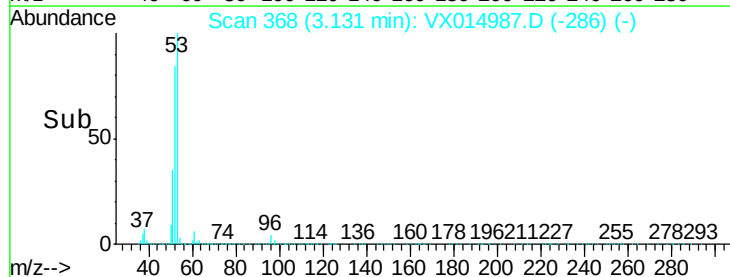
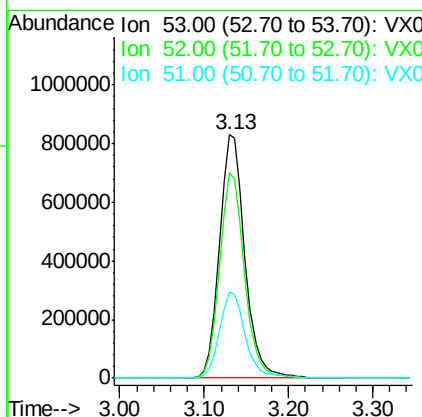
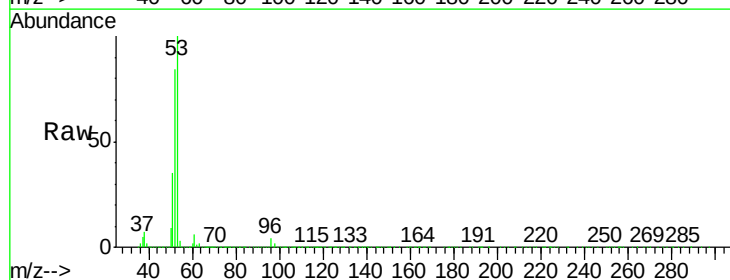
Manual Integrations
APPROVED

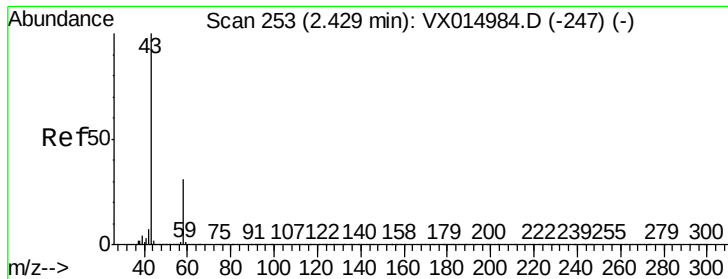
MMDadoda
2/24/2020 11:29:04 AM



#14
Acrylonitrile
Concen: 705.027 ug/l
RT: 3.13 min Scan# 368
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ion	Ratio	Lower	Upper
53	100			
52	82.8	41.5	124.6	
51	35.9	18.1	54.4	





#15

Acetone

Concen: 668.591 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 58 Resp: 557828

Ion Ratio Lower Upper

58 100

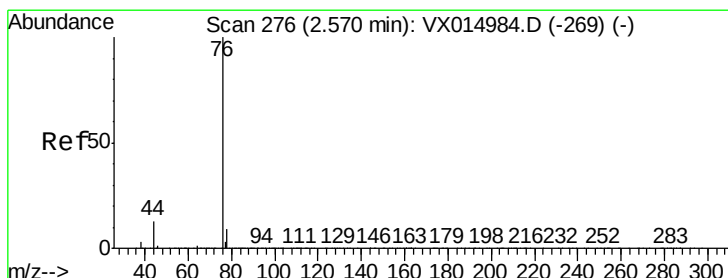
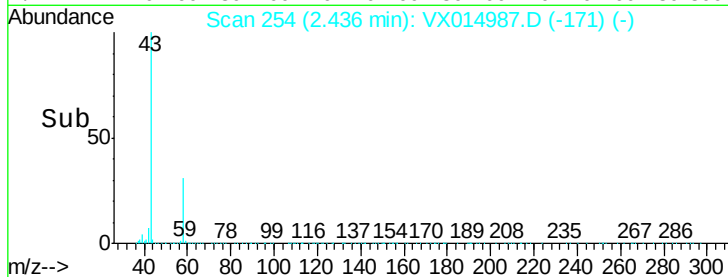
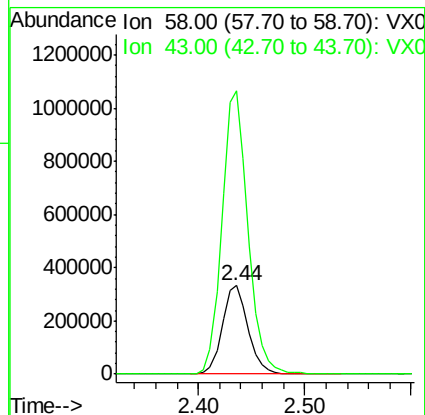
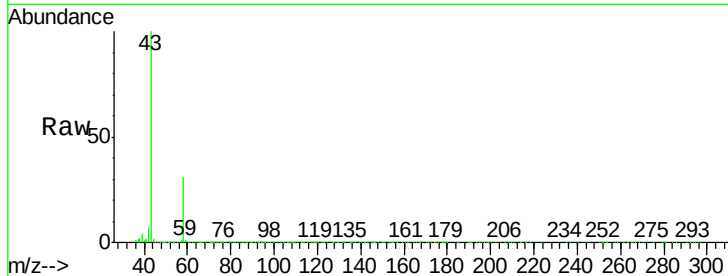
43 319.0 257.7 386.5

Manual Integrations

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MMDadoda

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#16

Carbon Disulfide

Concen: 148.507 ug/l

RT: 2.56 min Scan# 275

Delta R.T. -0.01 min

Lab File: VX014987.D

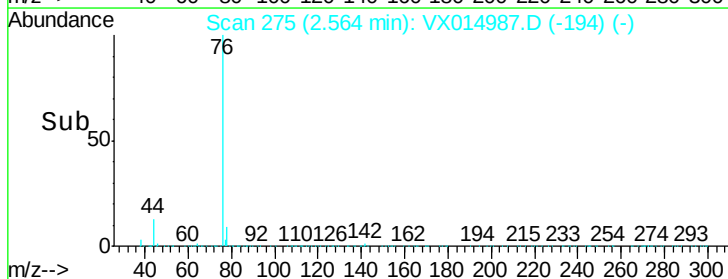
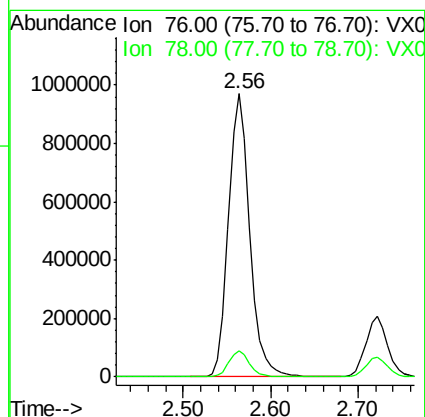
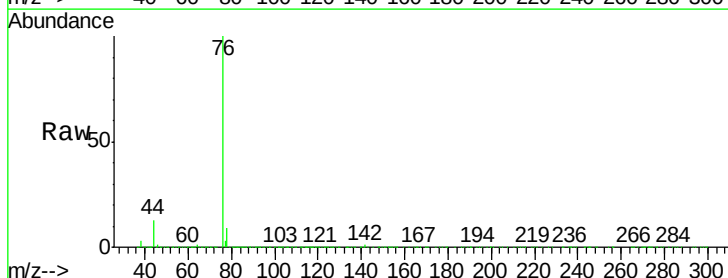
Acq: 21 Feb 2020 10:44

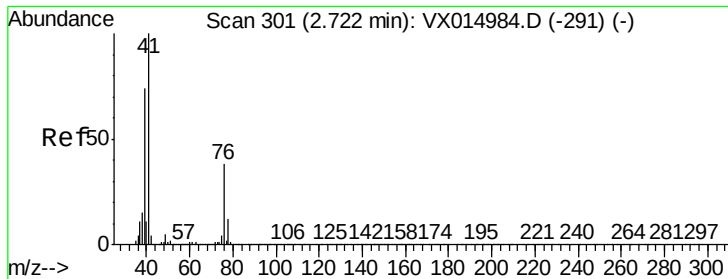
Tgt Ion: 76 Resp: 1639703

Ion Ratio Lower Upper

76 100

78 9.2 7.1 10.7





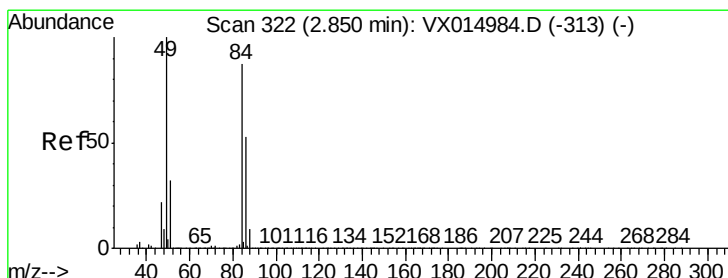
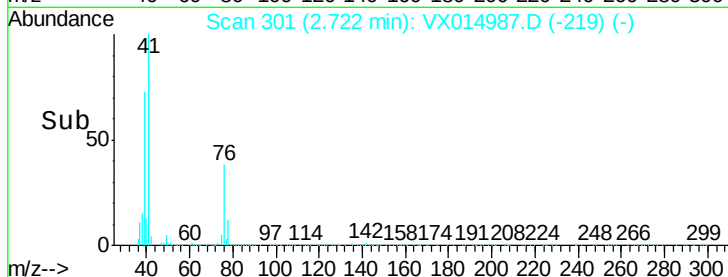
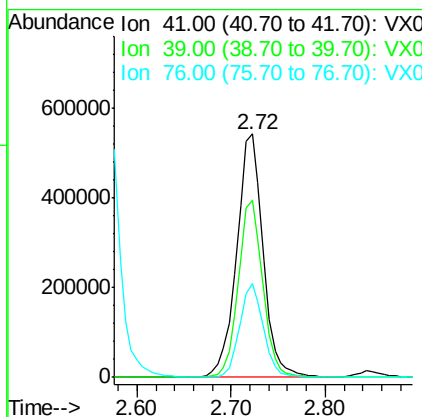
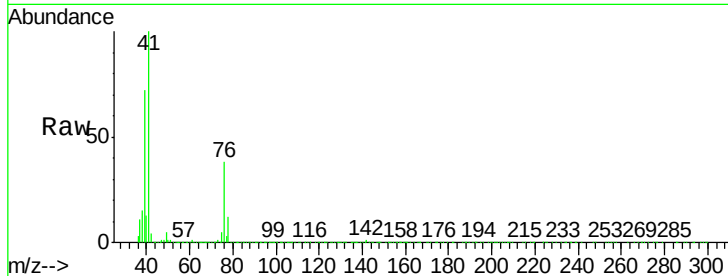
#17
Allvl chloride
Concen: 142.440 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
41	100		
39	72.5	37.1	111.5
76	38.2	18.8	56.4

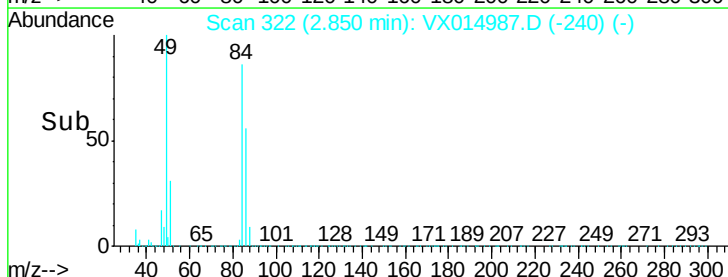
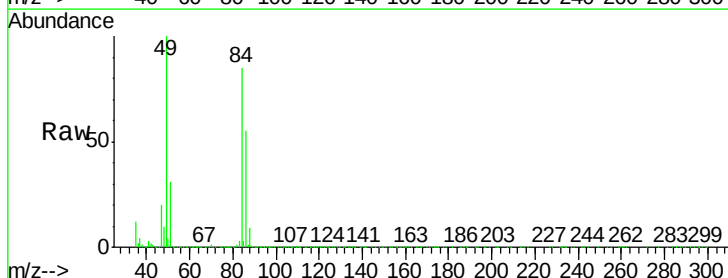
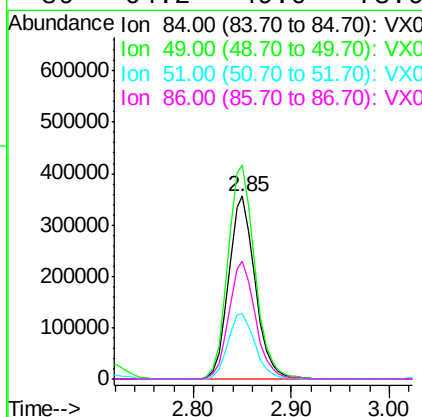
Manual Integrations
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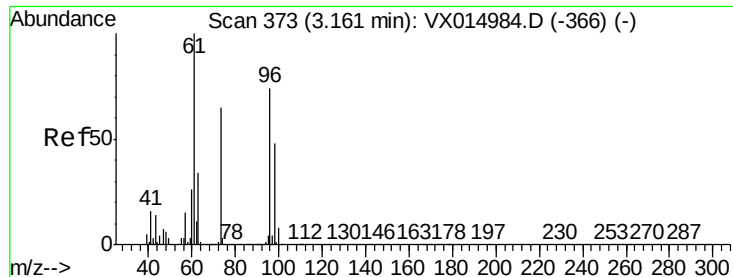
MMDadoda
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#18
Methylene Chloride
Concen: 141.256 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.9	92.2	138.2
51	35.8	29.7	44.5
86	64.2	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 147.175 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

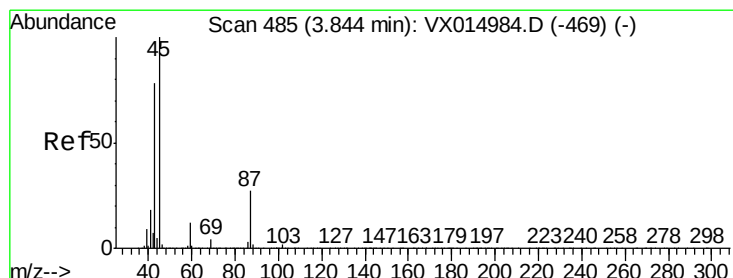
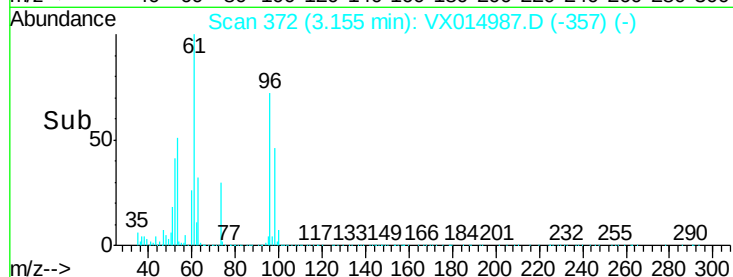
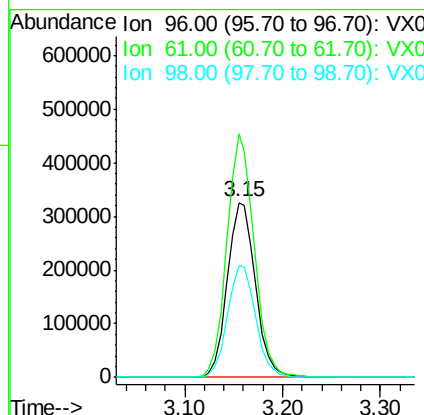
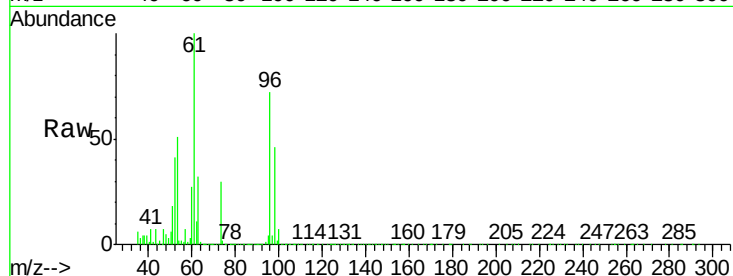
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	643013
Ion	Ratio	Lower	Upper
96	100		
61	139.5	107.1	160.7
98	64.1	51.4	77.2

Manual Integrations
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MMDadoda
2/24/2020 11:29:04 AM



#20

Diisopropyl ether

Concen: 142.268 ug/l

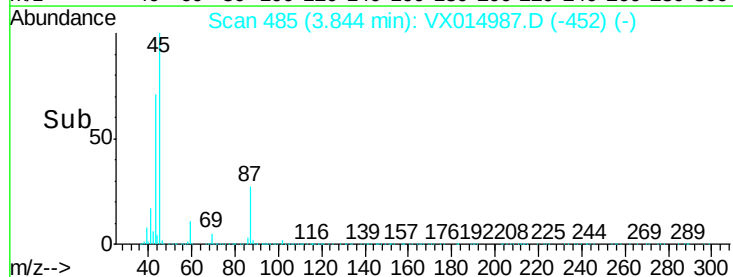
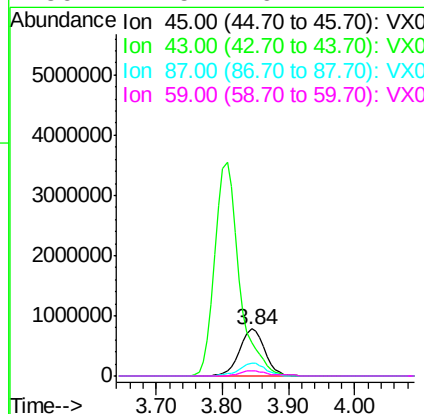
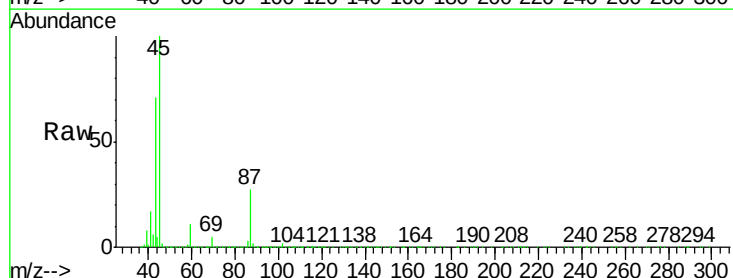
RT: 3.84 min Scan# 485

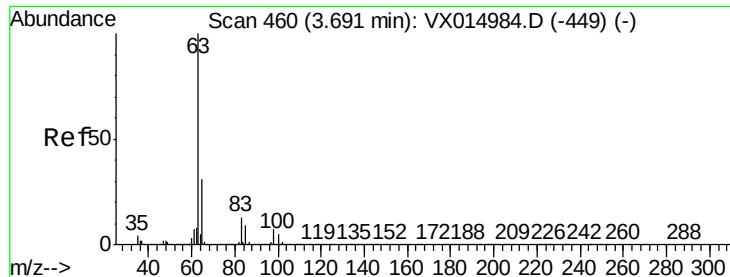
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	45	Resp:	2098970
Ion	Ratio	Lower	Upper
45	100		
43	71.1	62.3	93.5
87	27.4	21.8	32.6
59	11.5	9.4	14.2





#21

1,1-Dichloroethane

Concen: 145.215 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

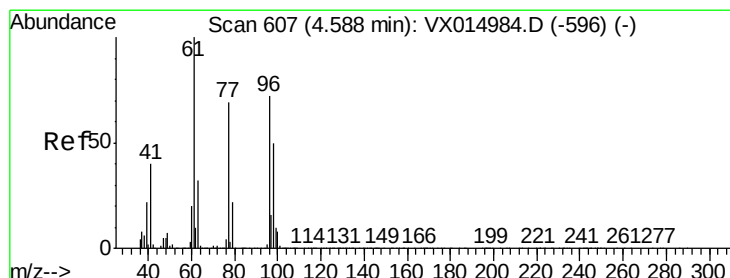
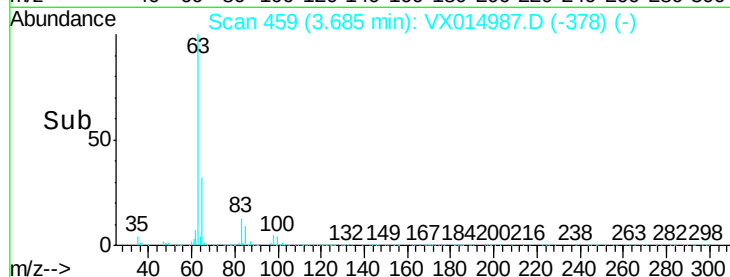
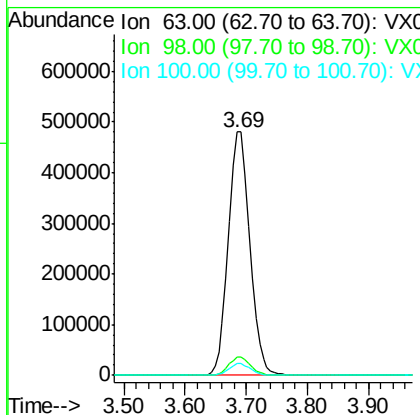
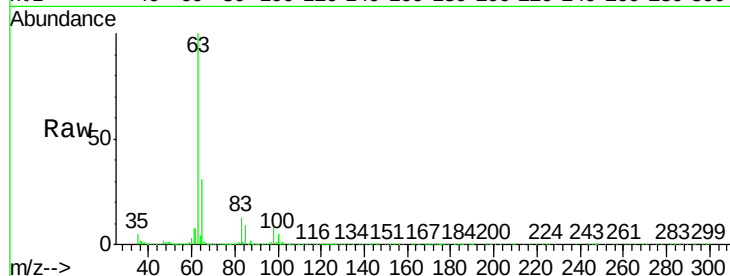
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	1161614
Ion	Ratio	Lower	Upper
63	100		
98	7.6	3.5	10.5
100	4.7	2.5	7.5

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 149.742 ug/l

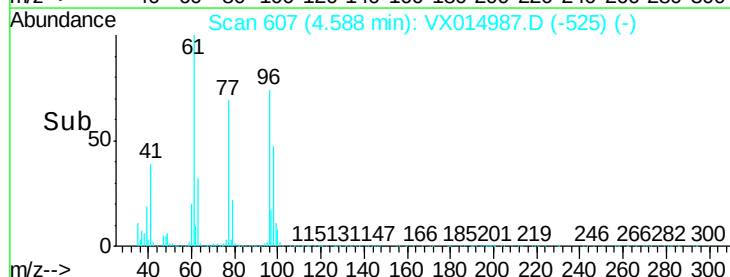
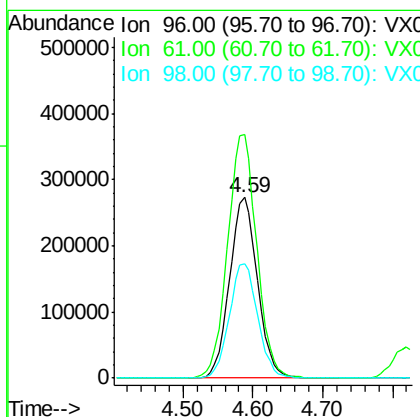
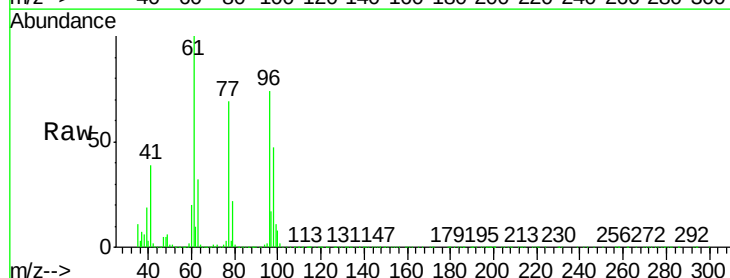
RT: 4.59 min Scan# 607

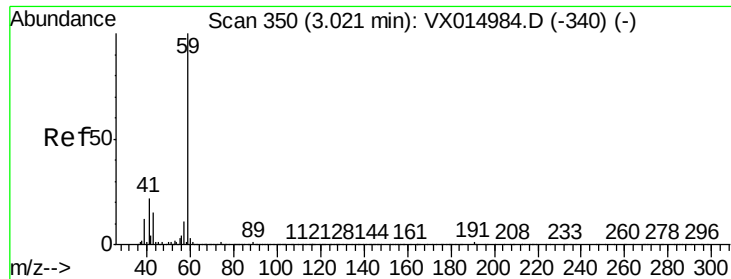
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	96	Resp:	754885
Ion	Ratio	Lower	Upper
96	100		
61	140.3	110.6	165.8
98	64.6	50.4	75.6





#23

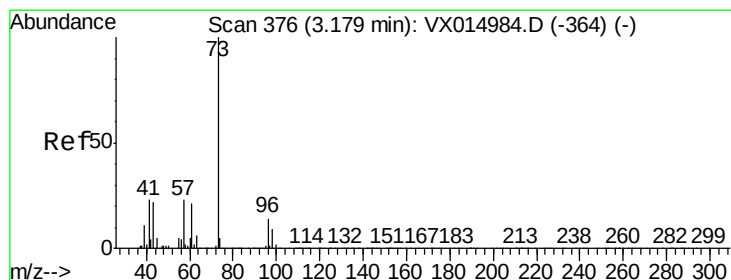
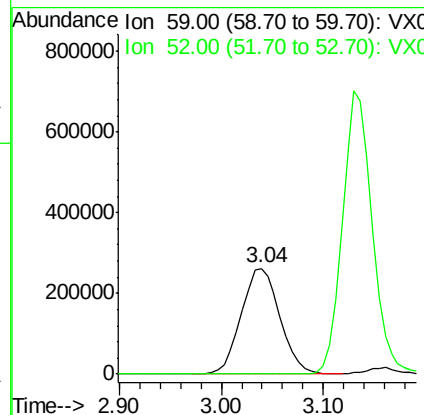
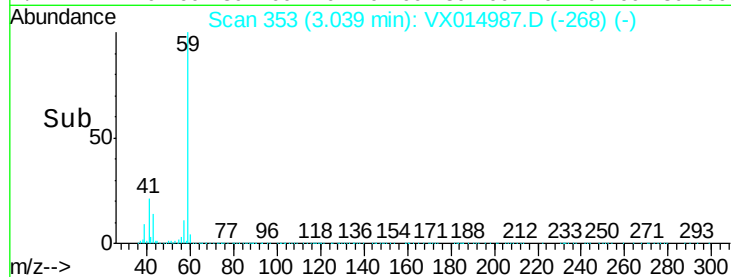
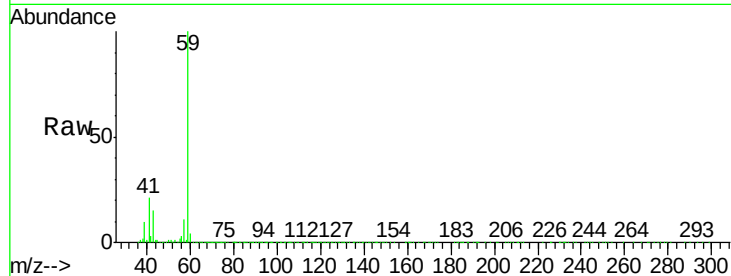
tert-Butyl Alcohol
Concen: 686.041 ug/l
RT: 3.04 min Scan# 353
Delta R.T. 0.02 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.2	0.4	0.6#

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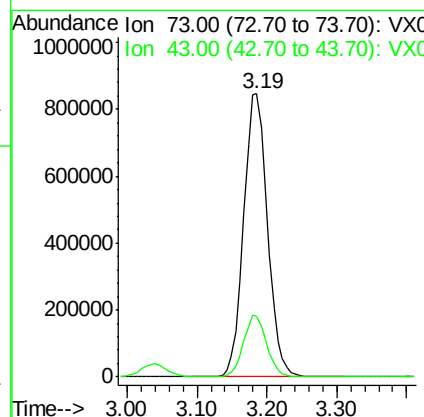
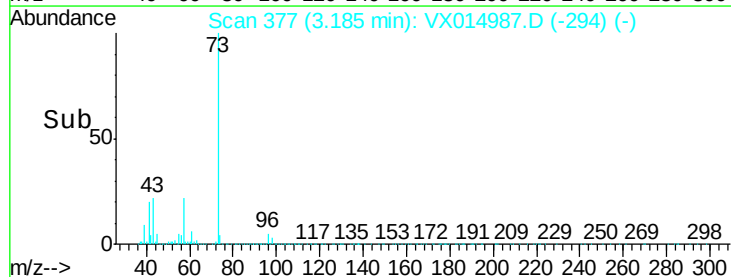
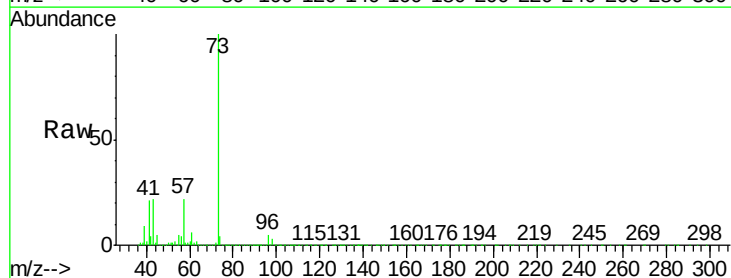
MMDadoda
2/24/2020 11:29:04 AM

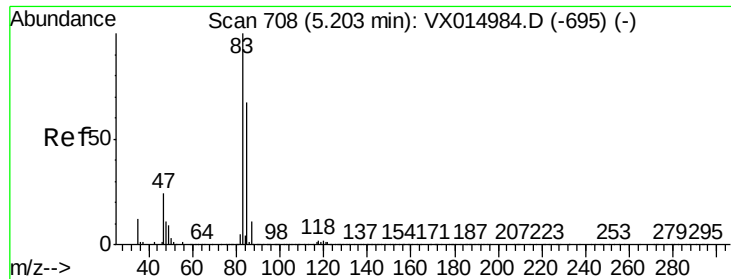


#24

Methyl tert-Butyl Ether
Concen: 148.713 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
73	100		
43	21.2	17.7	26.5





#25

Chloroform

Concen: 146.833 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 83 Resp: 1150318

Ion Ratio Lower Upper

83 100

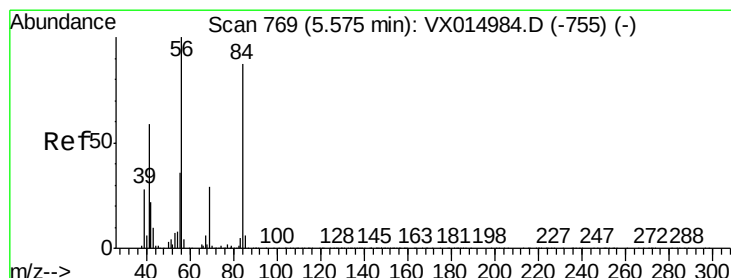
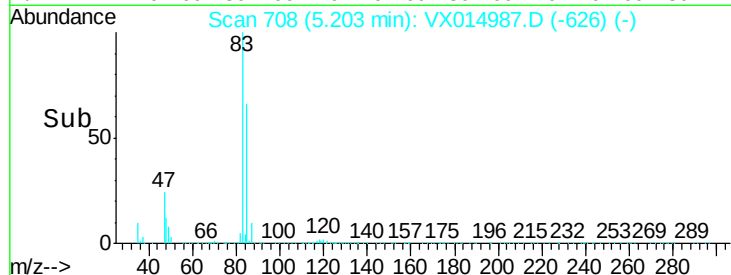
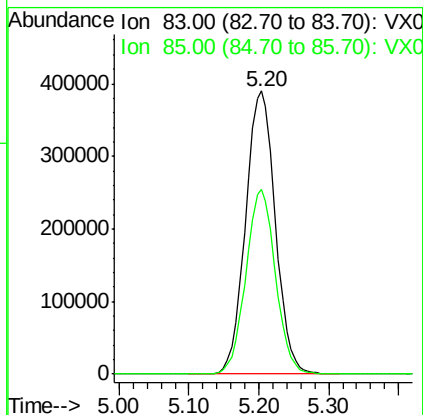
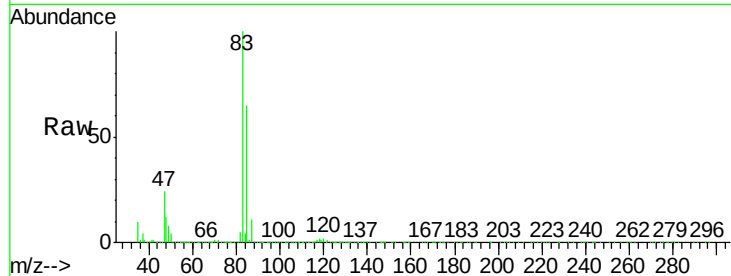
85 65.4 53.4 80.0

Manual Integrations

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MMDadoda

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#26

Cyclohexane

Concen: 141.974 ug/l

RT: 5.58 min Scan# 769

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

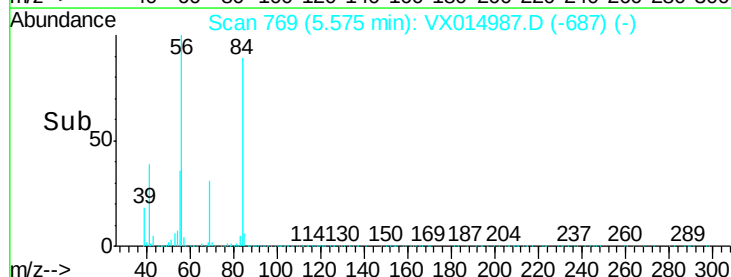
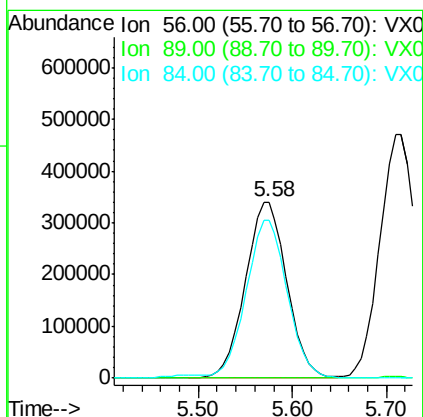
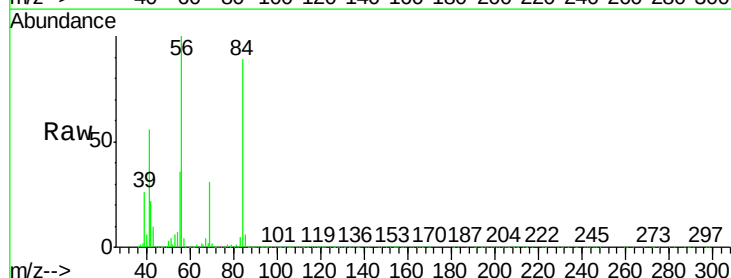
Tgt Ion: 56 Resp: 1044416

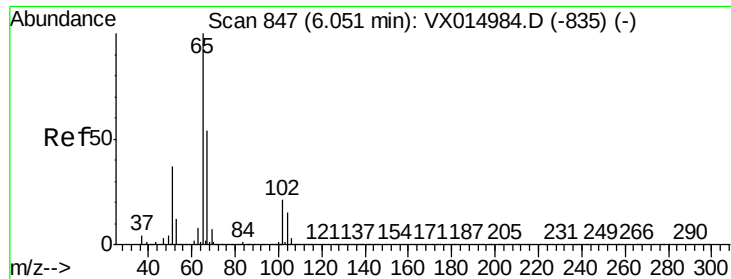
Ion Ratio Lower Upper

56 100

89 0.0 0.2 0.2#

84 89.1 71.8 107.8





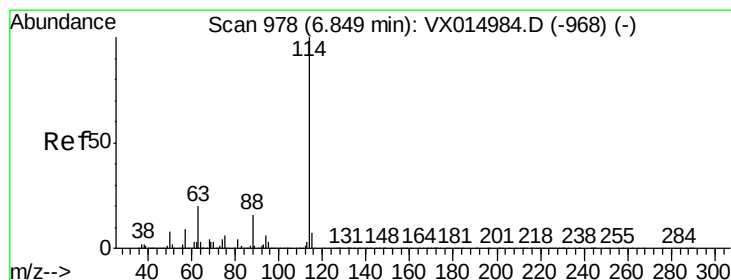
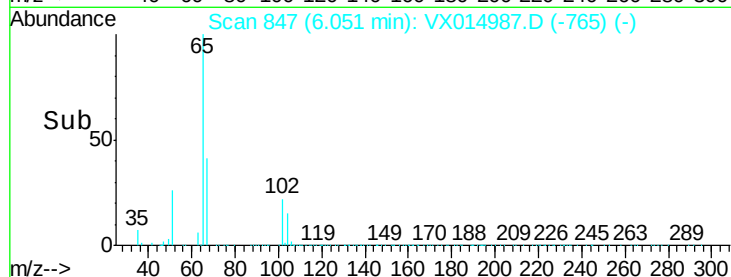
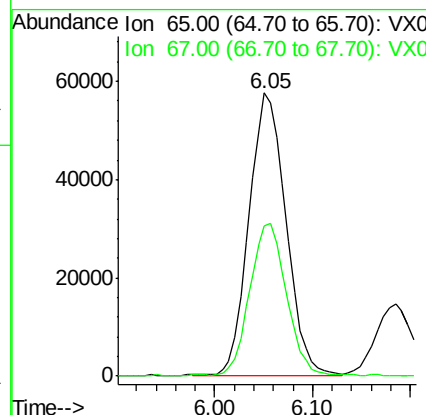
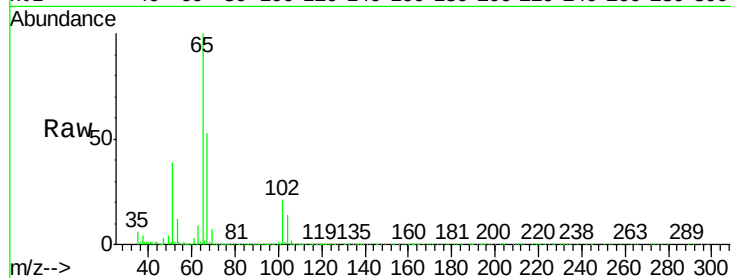
#27
 1,2-Dichloroethane-d4
 Concen: 29.102 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
65	100		
67	52.7	41.9	62.9

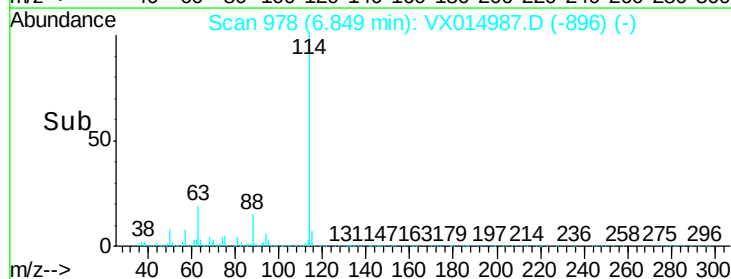
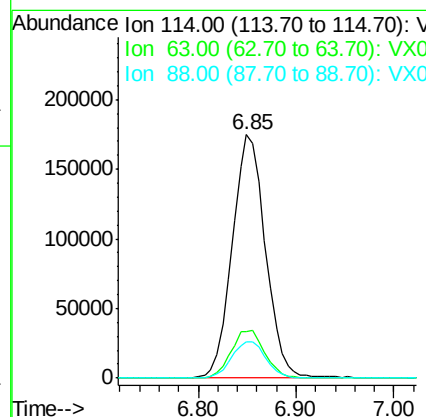
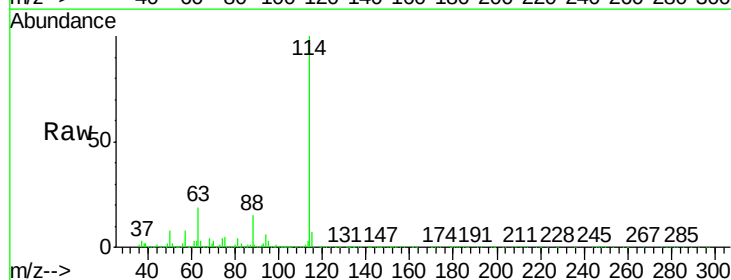
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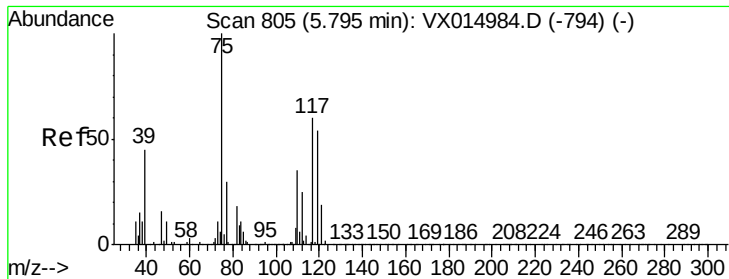
MMDadoda
 2/24/2020 11:29:04 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	15.6	23.4
88	15.5	12.2	18.2





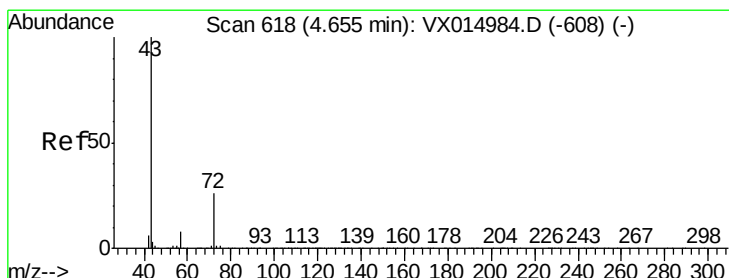
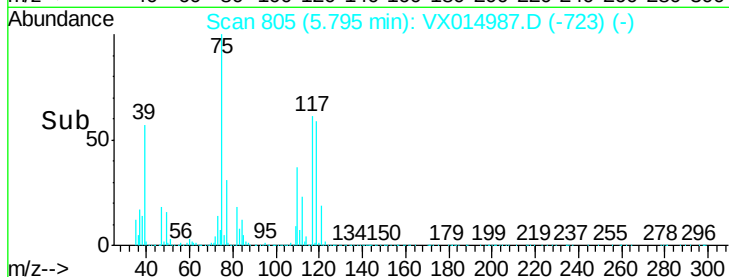
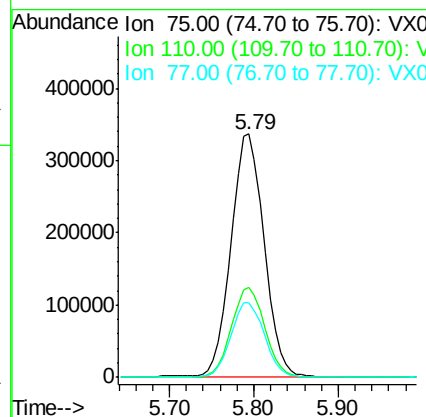
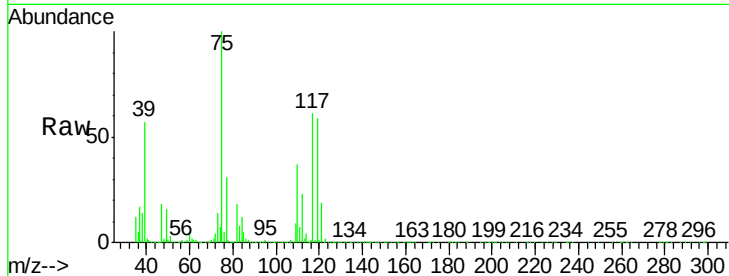
#29
 1,1-Dichloropropene
 Concen: 151.215 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.2	0.0	75.0
77	30.9	0.0	64.0

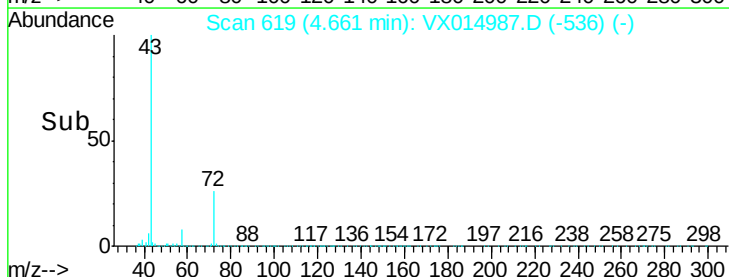
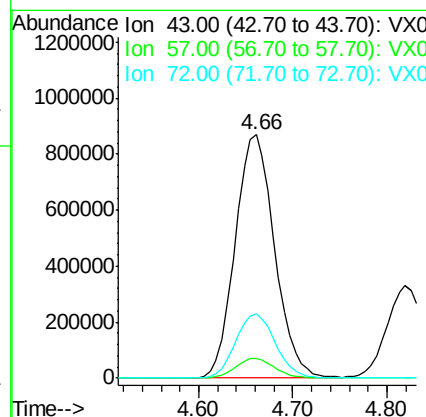
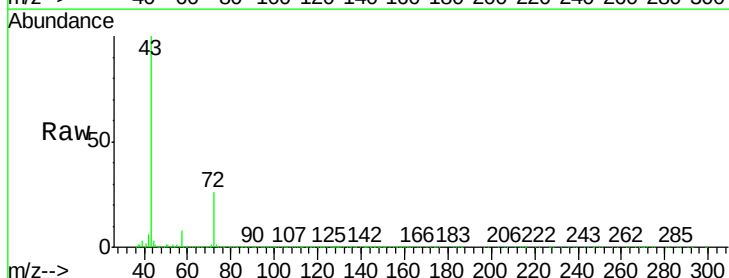
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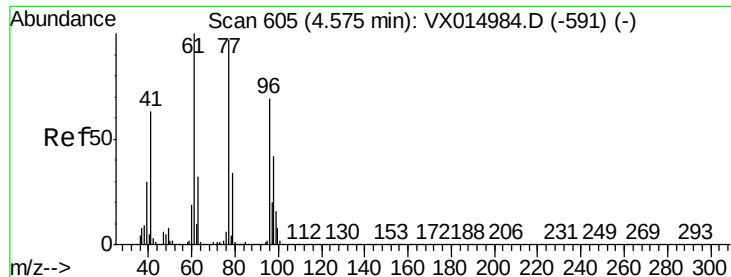
MMDadoda
 2/24/2020 11:29:04 AM



#30
 2-Butanone
 Concen: 681.021 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	8.1	6.5	9.7
72	26.6	20.3	30.5





#31

2,2-Dichloropropane

Concen: 153.426 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 77 Resp: 984725

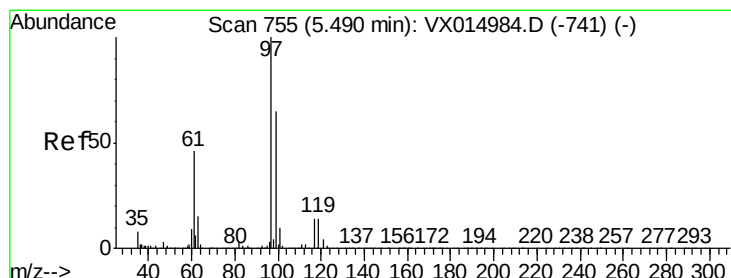
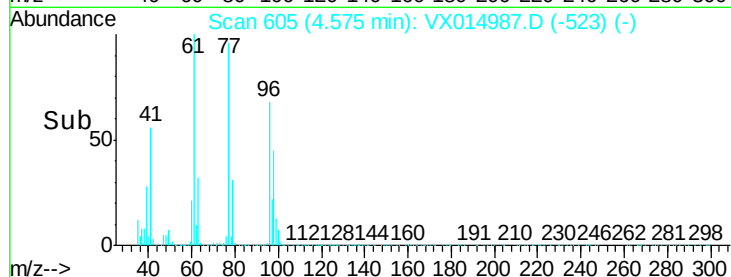
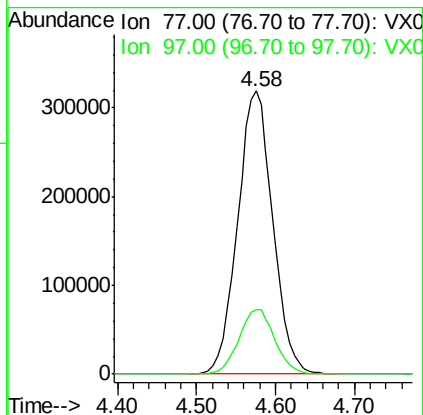
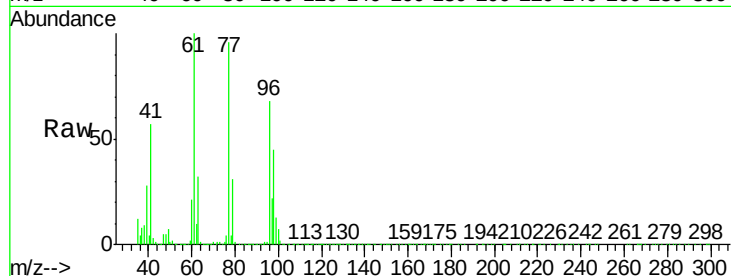
Ion Ratio Lower Upper

77 100

97 23.4 18.4 27.6

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#32

1,1,1-Trichloroethane

Concen: 152.652 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

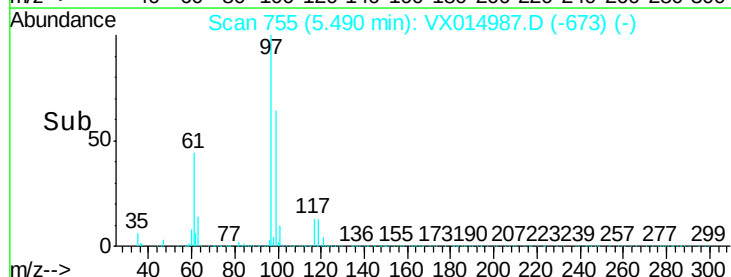
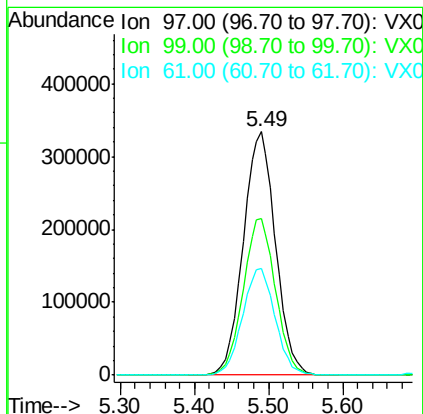
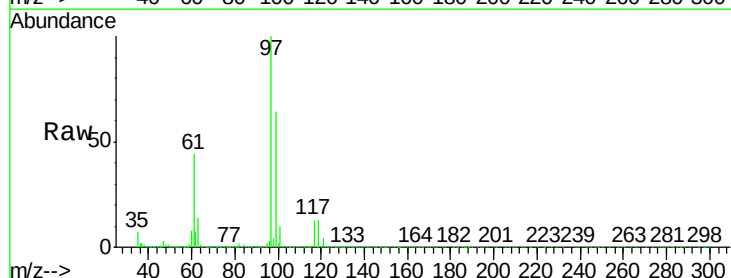
Tgt Ion: 97 Resp: 1012610

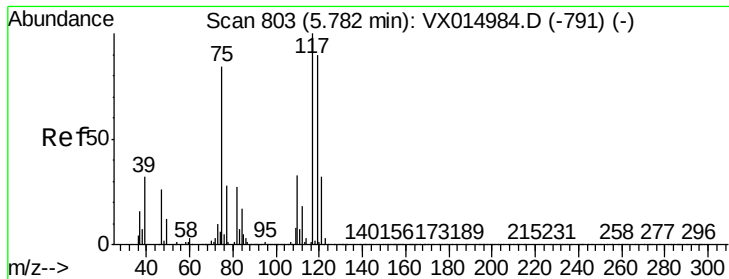
Ion Ratio Lower Upper

97 100

99 64.5 53.0 79.6

61 44.3 36.2 54.2





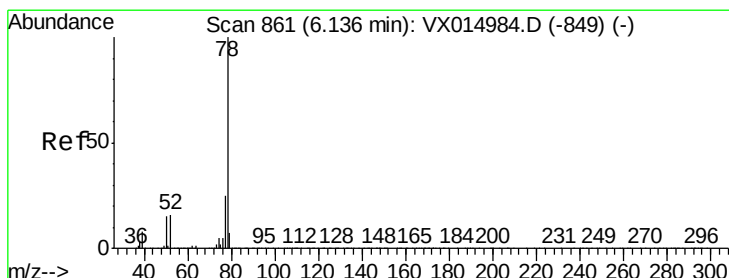
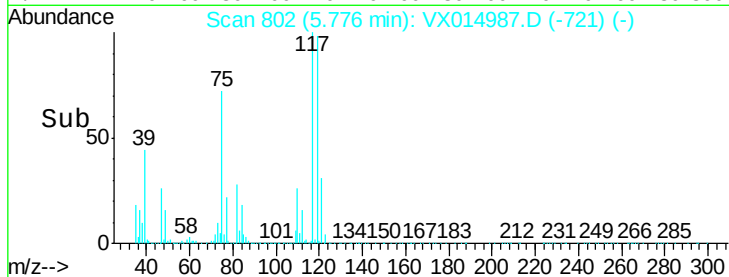
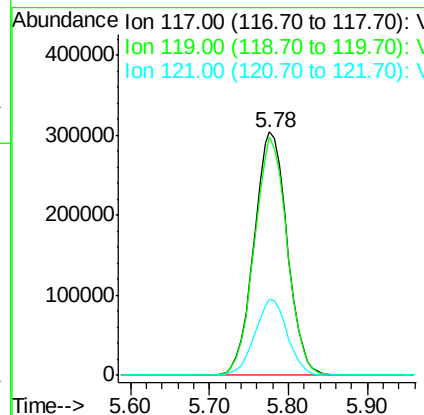
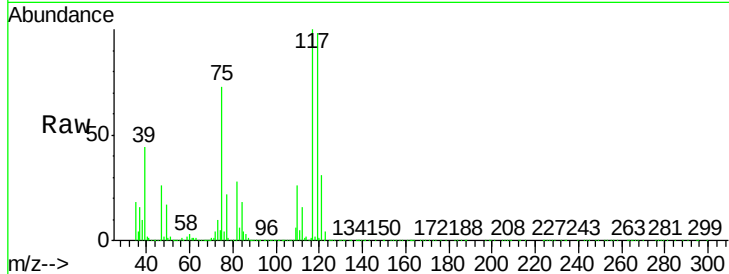
#33
Carbon Tetrachloride
Concen: 155.175 ug/l
RT: 5.78 min Scan# 802
Delta R.T. -0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
119	97.8	71.9	107.9
121	31.3	25.4	38.2

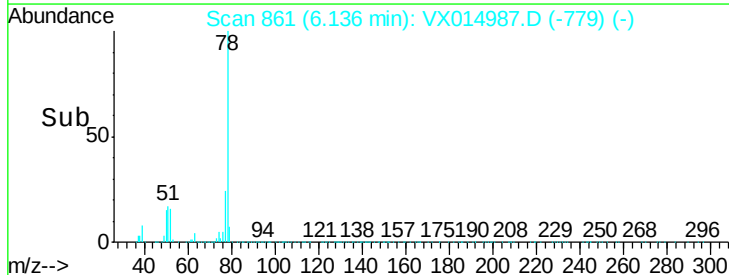
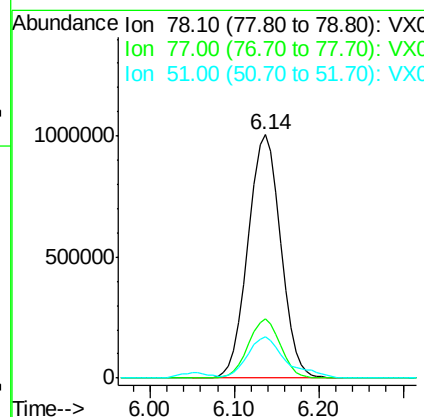
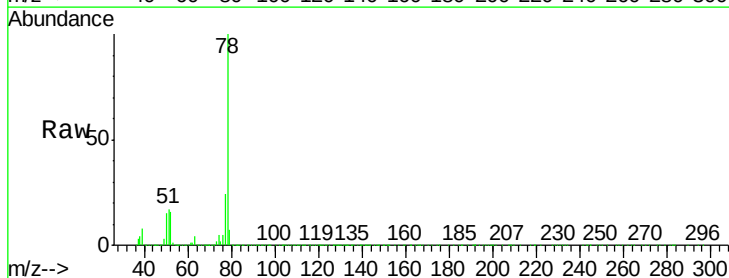
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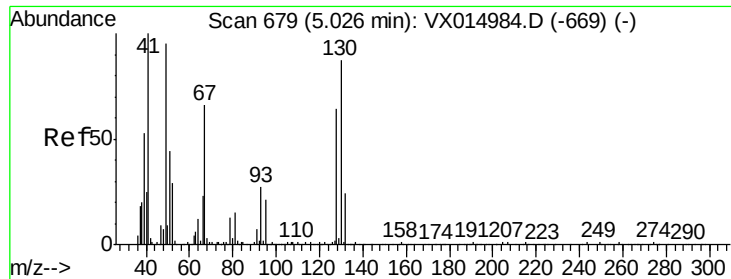
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2/24/2020 11:29:04 AM



#34
Benzene
Concen: 144.617 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	20.0	30.0
51	16.8	13.3	19.9





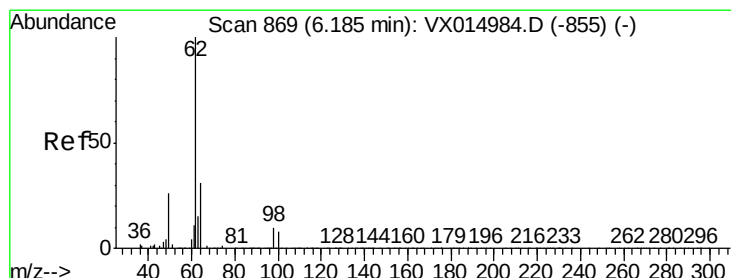
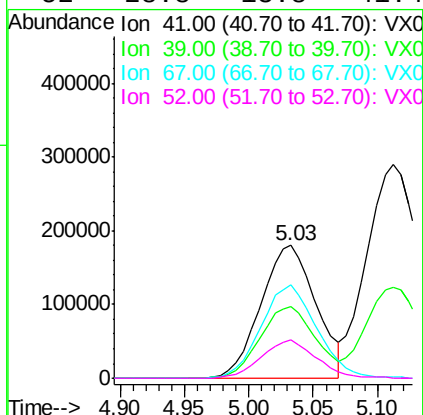
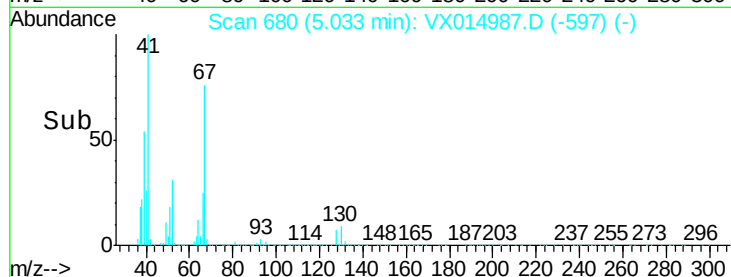
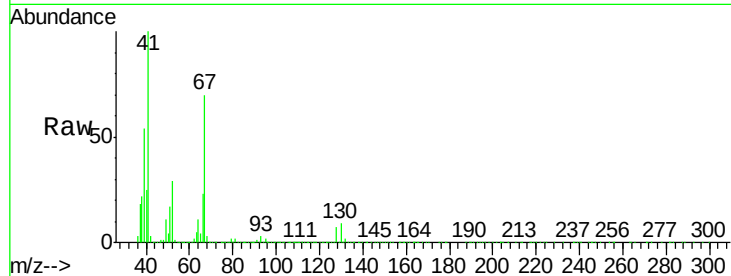
#35
Methacrylonitrile
Concen: 144.362 ug/l
RT: 5.03 min Scan# 680
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		533519		
39	53.6	25.9	77.7		
67	70.0	32.7	98.1		
52	28.8	13.8	41.4		

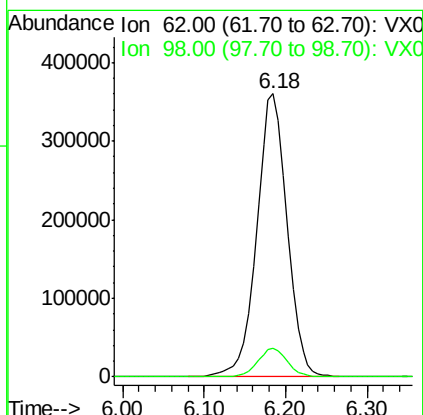
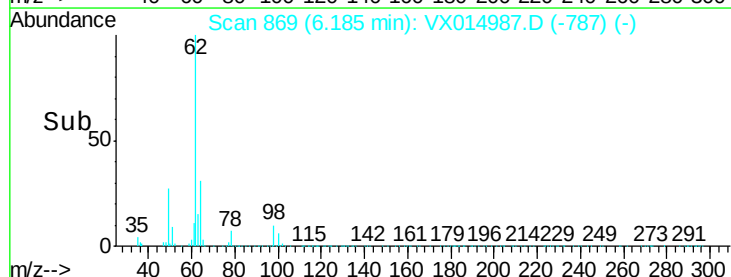
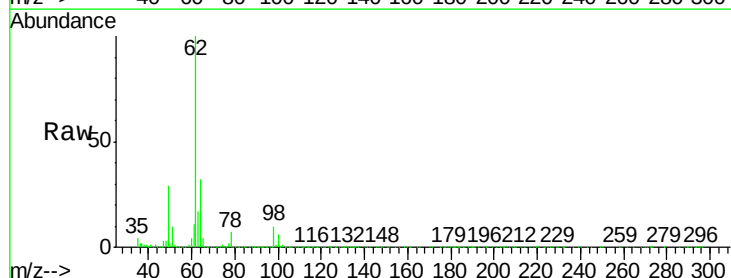
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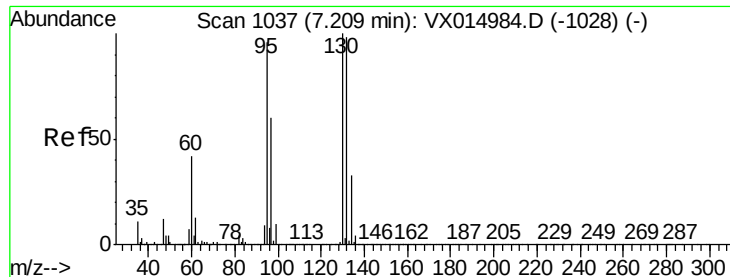
MMDadoda
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#36
1,2-Dichloroethane
Concen: 145.897 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		933311		
98	9.9	7.5	11.3		





#37

Trichloroethene

Concen: 151.950 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 762786

Ion Ratio Lower Upper

130 100

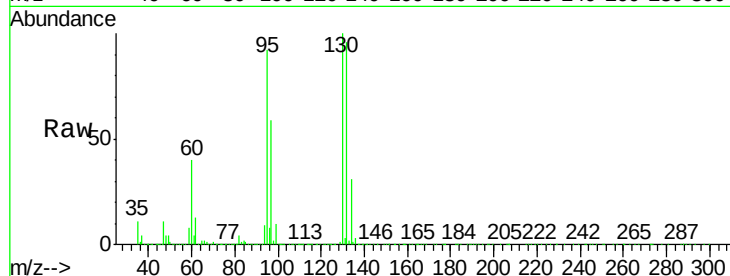
95 92.1 77.1 115.7

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

7.21

400000

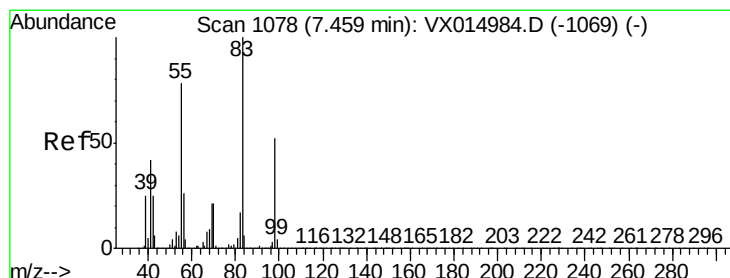
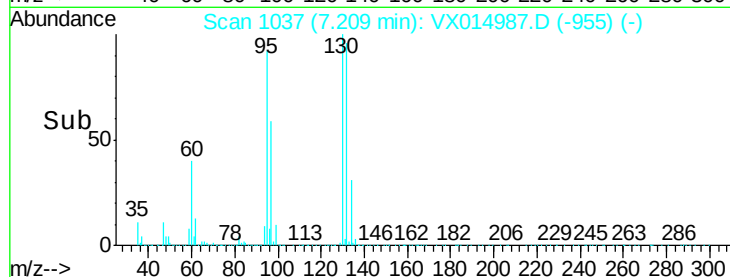
300000

200000

100000

0

Time-->



#38

Methylcyclohexane

Concen: 150.741 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

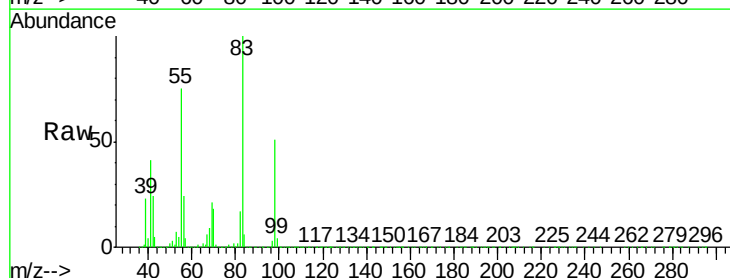
Tgt Ion: 83 Resp: 1114738

Ion Ratio Lower Upper

83 100

55 75.0 38.2 114.6

98 50.0 25.3 75.8



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

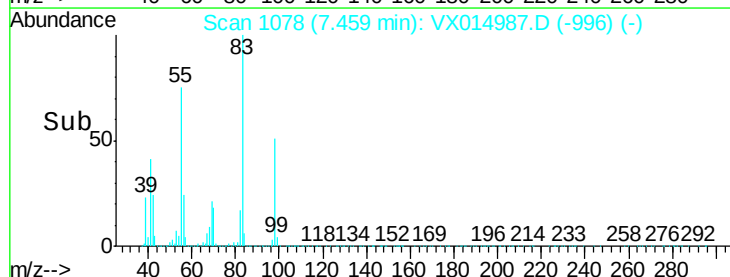
600000

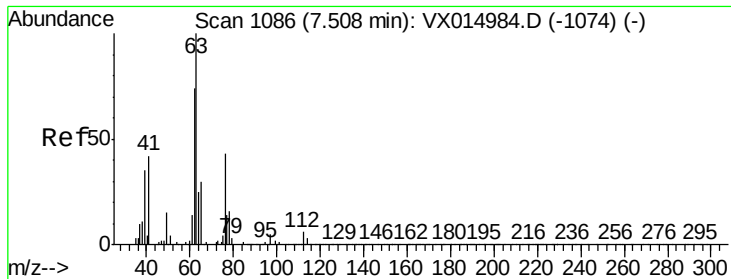
400000

200000

0

Time-->





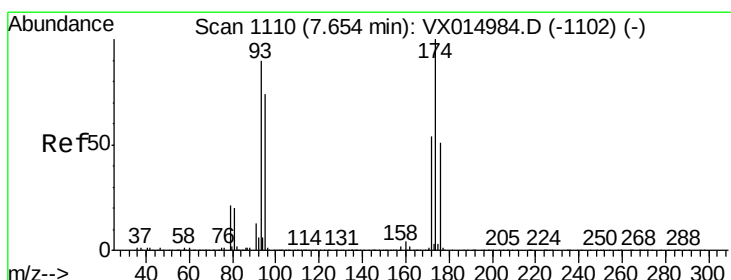
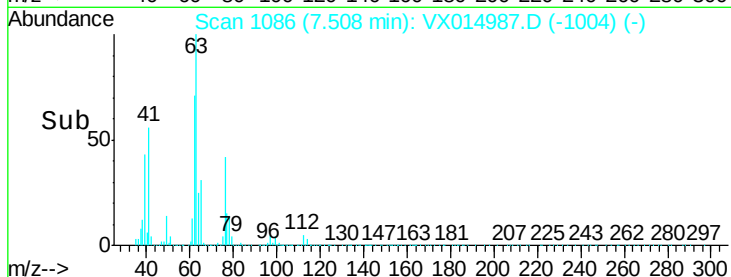
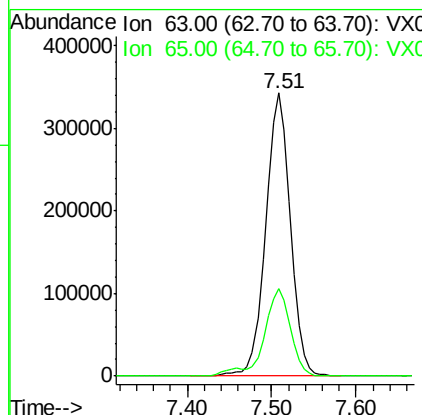
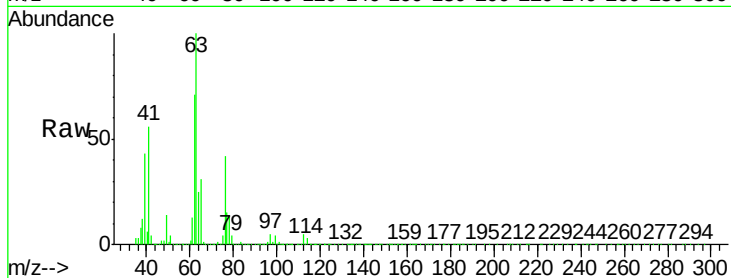
#39
 1,2-Dichloropropane
 Concen: 145.869 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

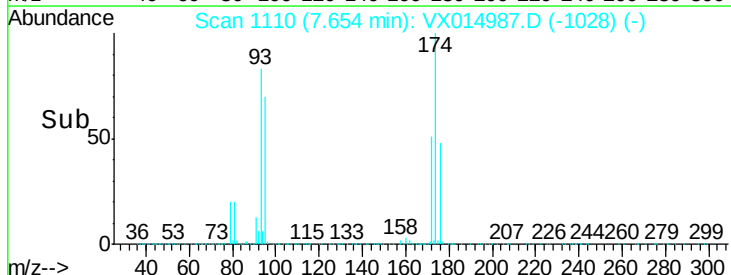
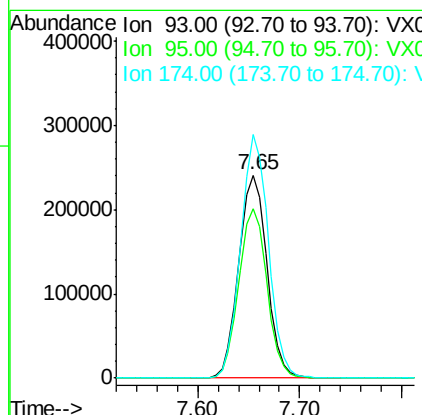
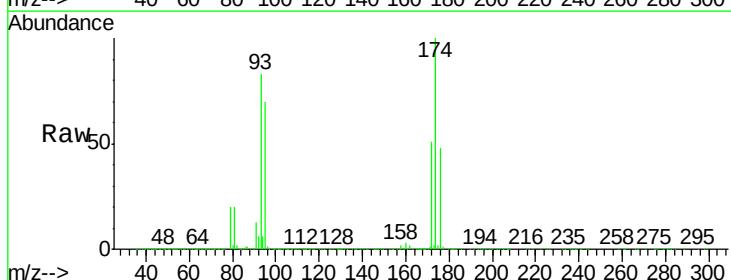
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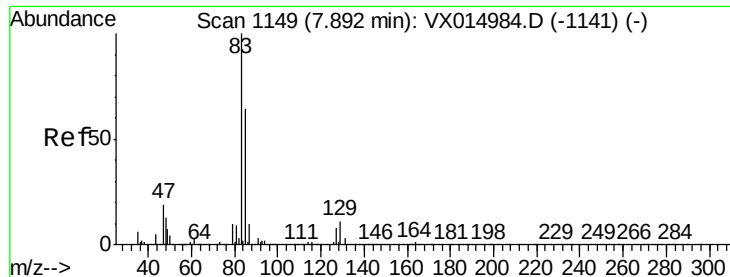
MMDadoda
 2/24/2020 11:29:04 AM



#40
 Dibromomethane
 Concen: 148.948 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.3	0.0	164.6
174	118.5	0.0	226.4





#41

Bromodichloromethane

Concen: 156.186 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

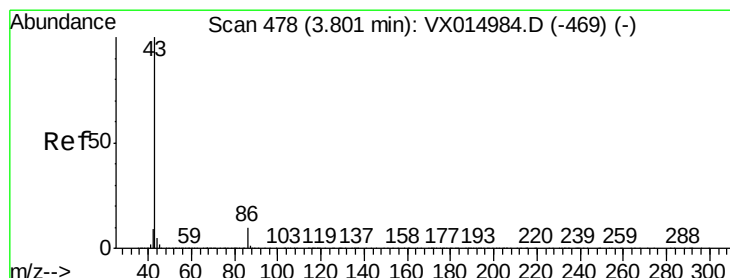
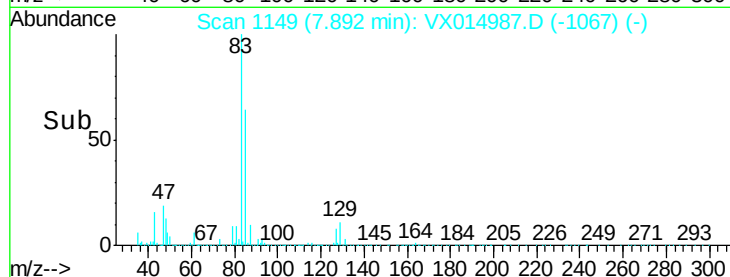
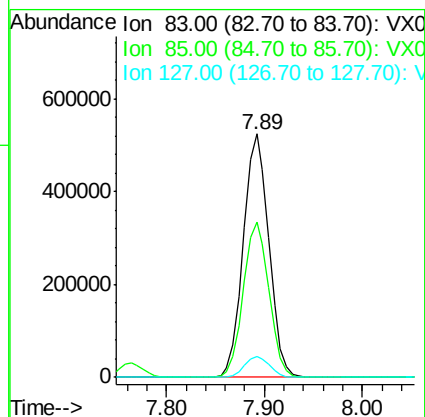
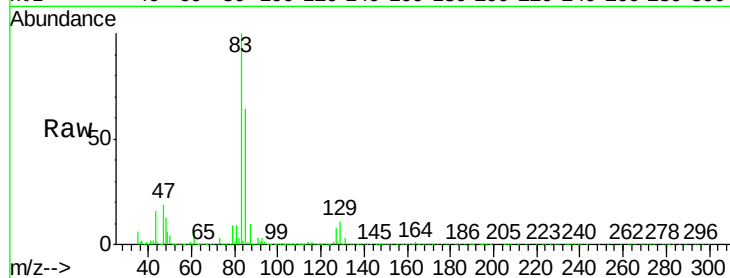
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	946074
Ion Ratio	Lower	Upper	
83	100		
85	63.8	51.0	76.4
127	8.4	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 780.313 ug/l

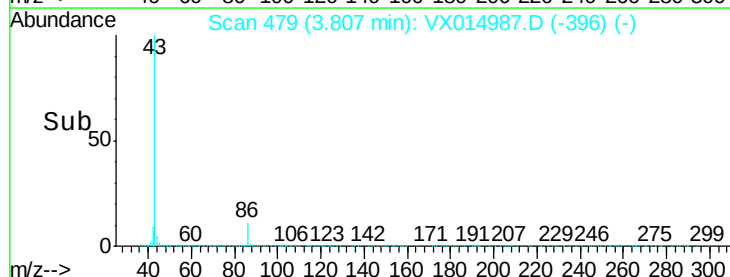
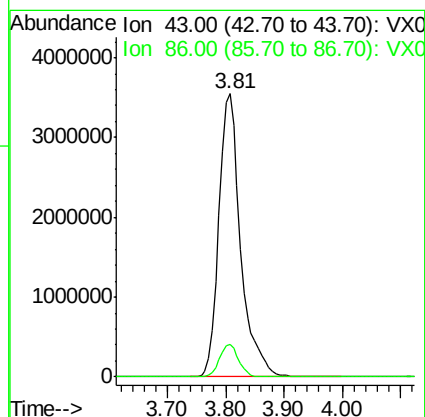
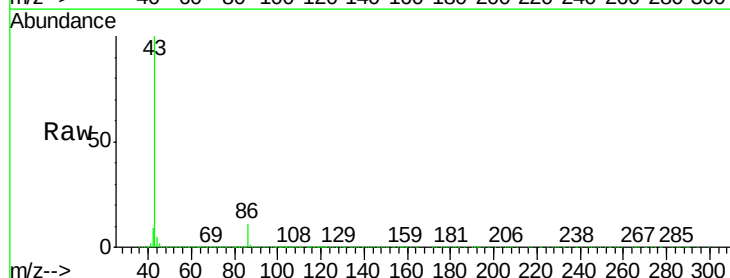
RT: 3.81 min Scan# 479

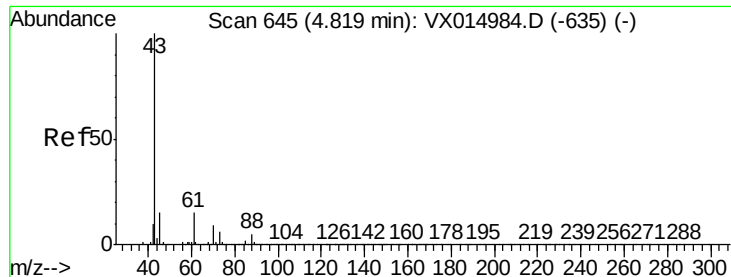
Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	43	Resp:	9158888
Ion Ratio	Lower	Upper	
43	100		
86	10.1	7.6	11.4





#43

Ethyl Acetate

Concen: 142.065 ug/l

RT: 4.82 min Scan# 645

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tot Ion: 43 Resp: 951795

Ion Ratio Lower Upper

43 100

45 14.9 10.8 16.2

Instrument :

MSVOA_X

ClientSampleId :

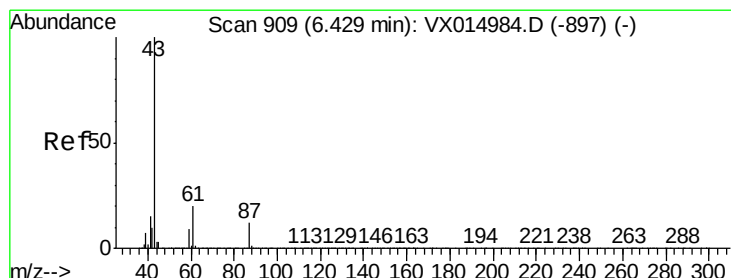
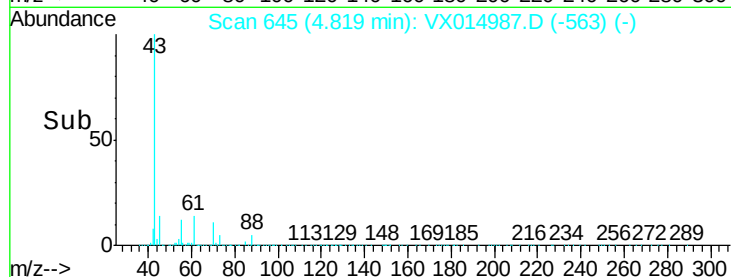
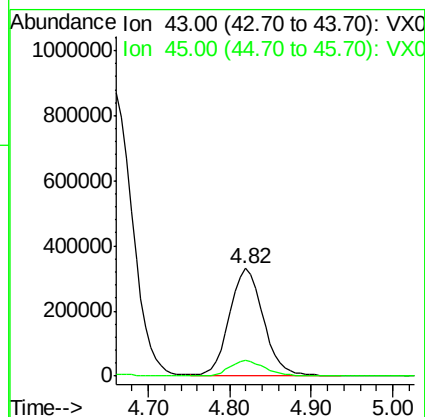
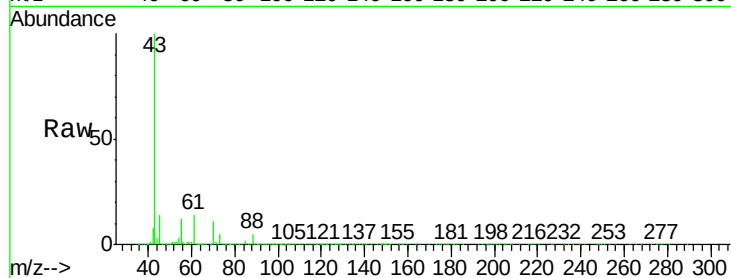
VSTDIC150

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#44

Isopropyl Acetate

Concen: 148.996 ug/l

RT: 6.43 min Scan# 910

Delta R.T. 0.01 min

Lab File: VX014987.D

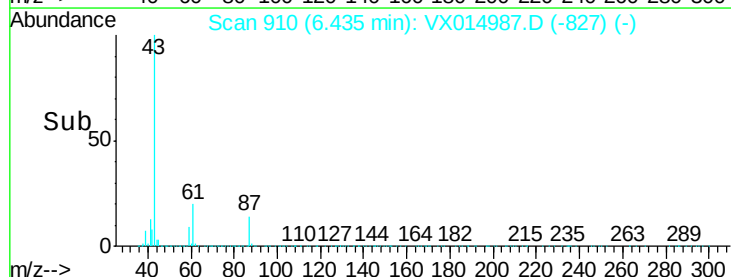
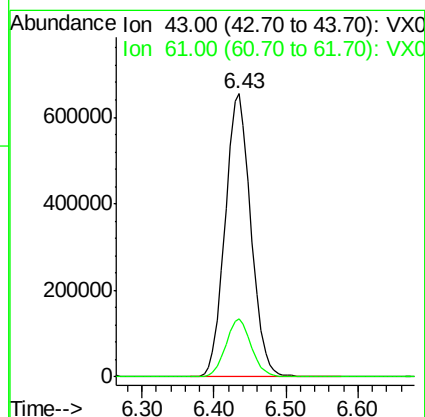
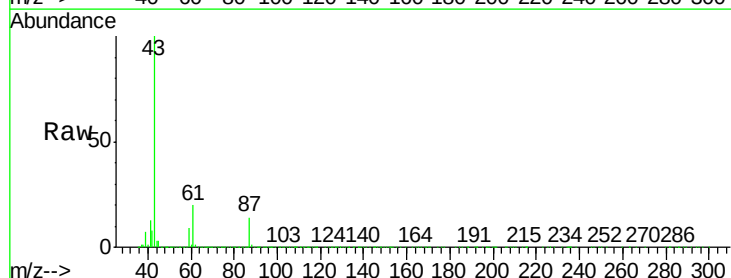
Acq: 21 Feb 2020 10:44

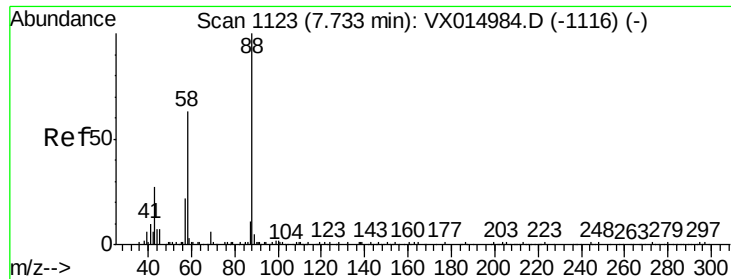
Tgt Ion: 43 Resp: 1625529

Ion Ratio Lower Upper

43 100

61 20.2 15.6 23.4





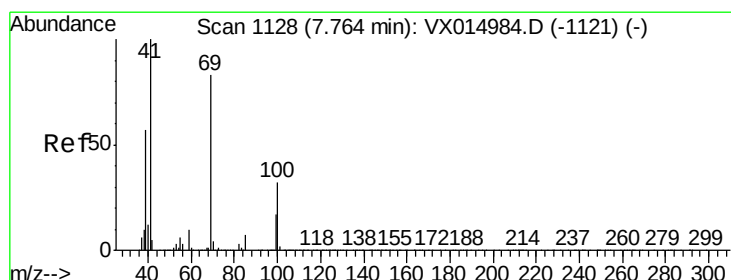
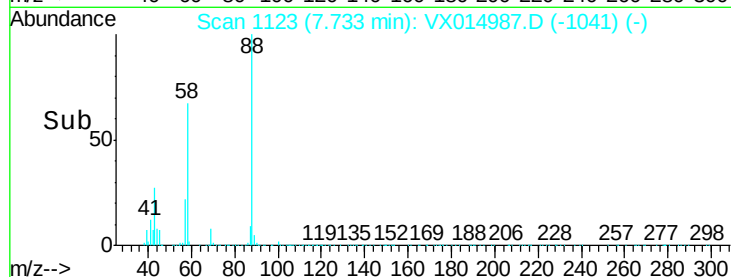
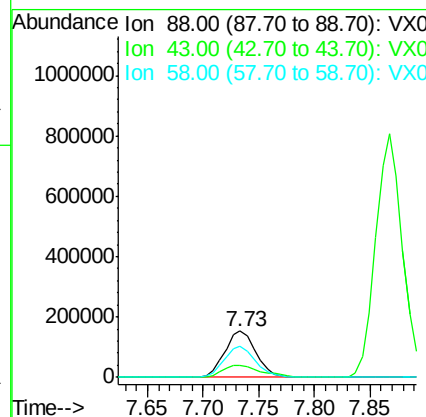
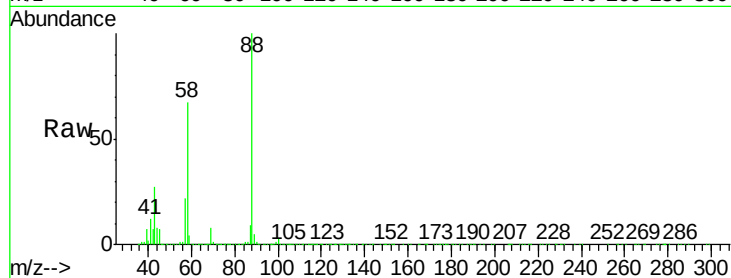
#45
1,4-Dioxane
Concen: 2749.402 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
88	100	294606		
43	32.5		25.4	38.2
58	68.7		55.8	83.8

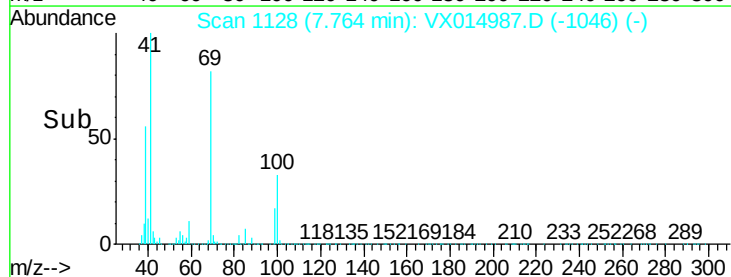
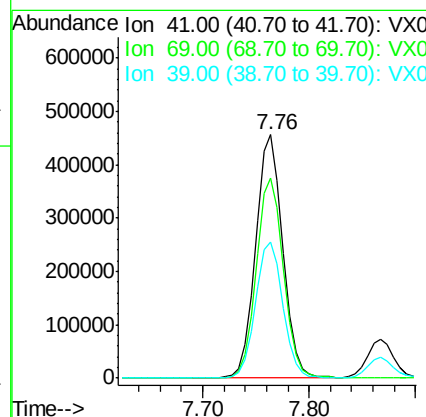
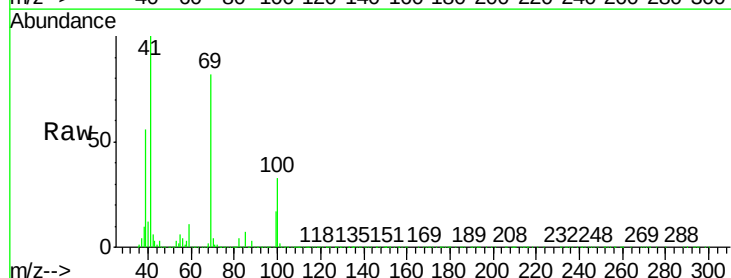
Manual Integrations
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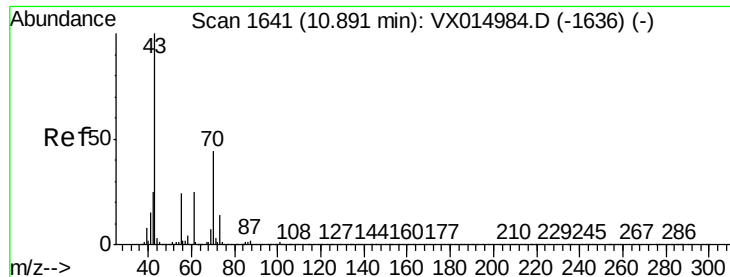
MMDadoda
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#46
Methyl methacrylate
Concen: 152.105 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	815006		
69	82.0		41.4	124.2
39	55.9		28.3	84.9





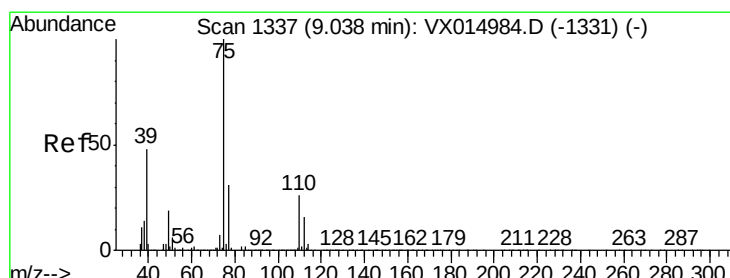
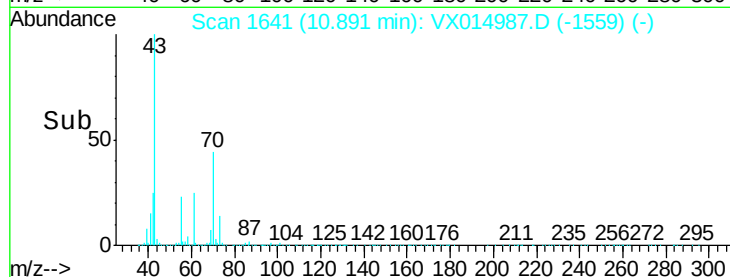
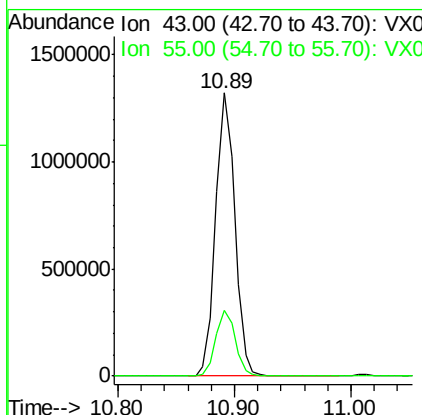
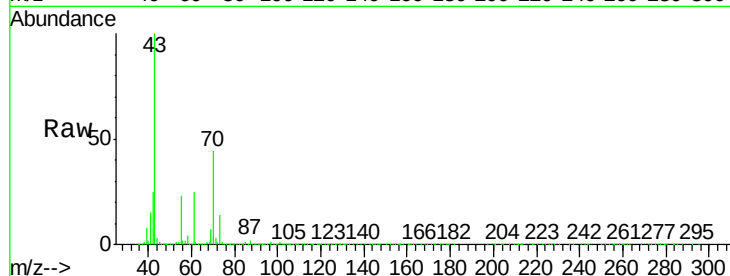
#47
n-amvl Acetate
Concen: 162.320 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 1499655
Ion Ratio Lower Upper
43 100
55 23.7 19.2 28.8

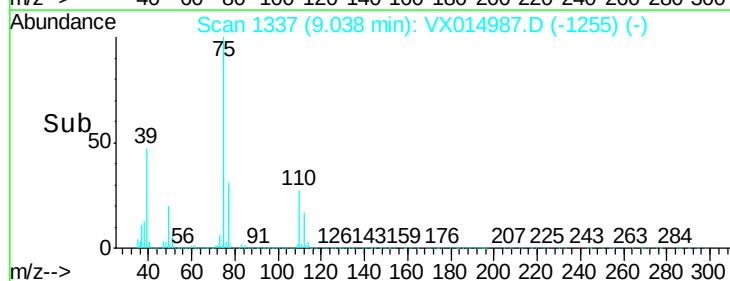
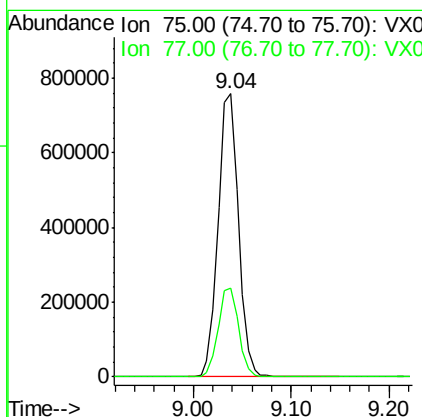
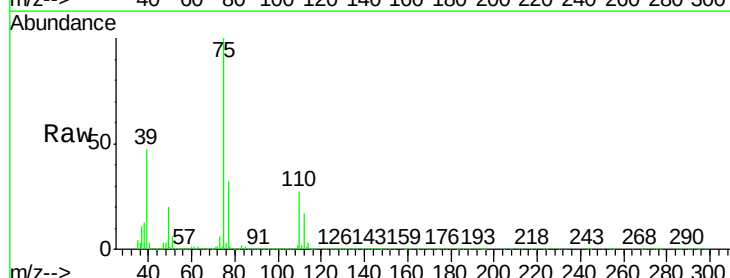
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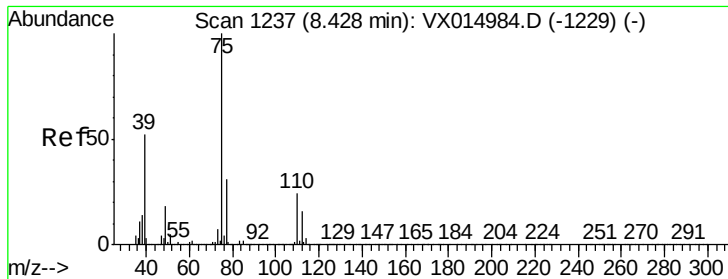
MMDadoda
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#48
t-1,3-Dichloropropene
Concen: 165.896 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion: 75 Resp: 1096763
Ion Ratio Lower Upper
75 100
77 31.5 24.6 36.8





#49

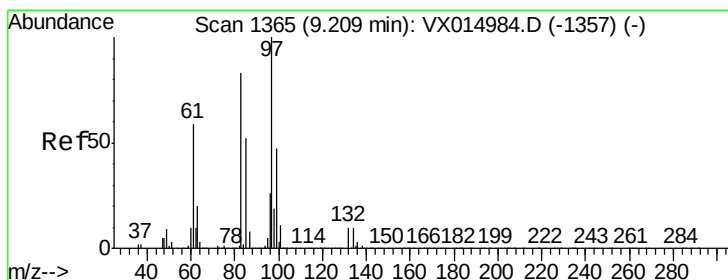
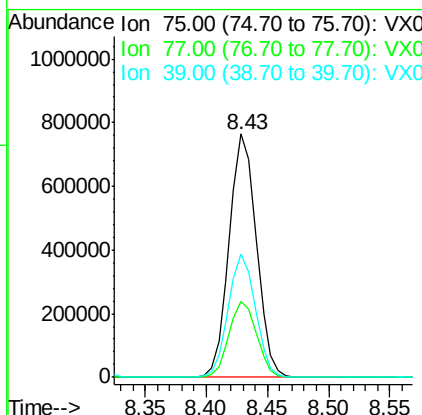
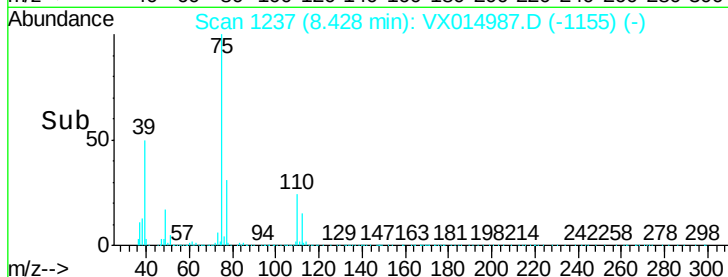
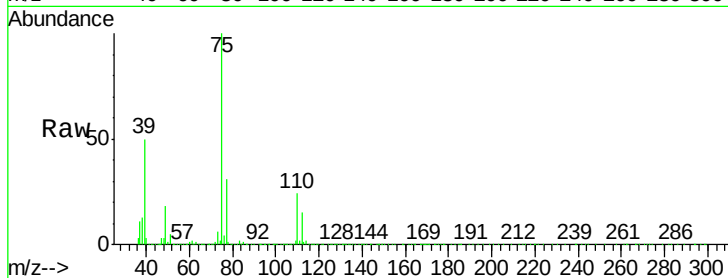
cis-1,3-Dichloropropene
Concen: 158.495 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.6	36.8
39	50.4	41.5	62.3

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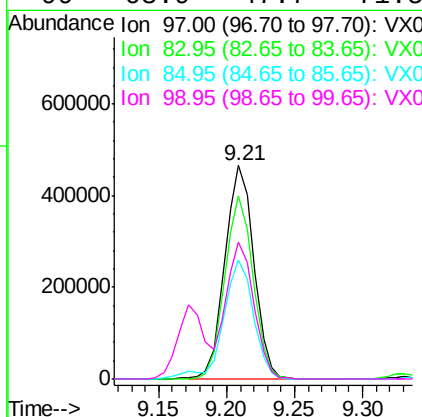
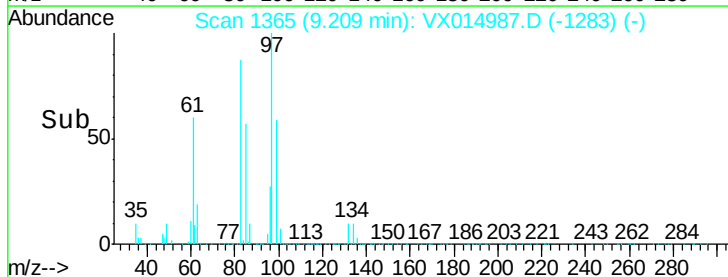
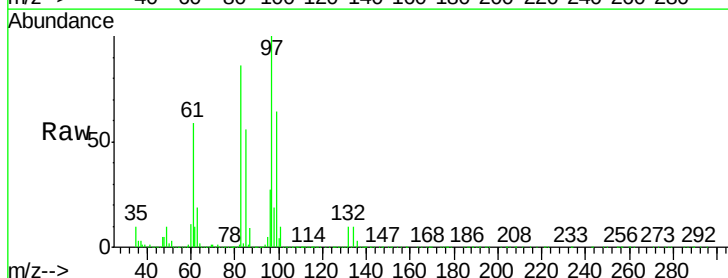
MMDadoda
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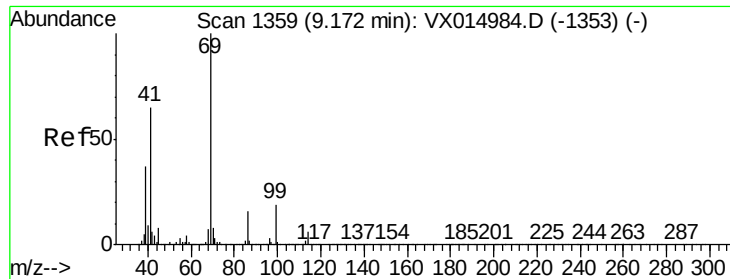


#50

1,1,2-Trichloroethane
Concen: 147.047 ug/l
RT: 9.21 min Scan# 1365
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.6	66.2	99.2
85	55.8	42.4	63.6
99	63.9	47.7	71.5





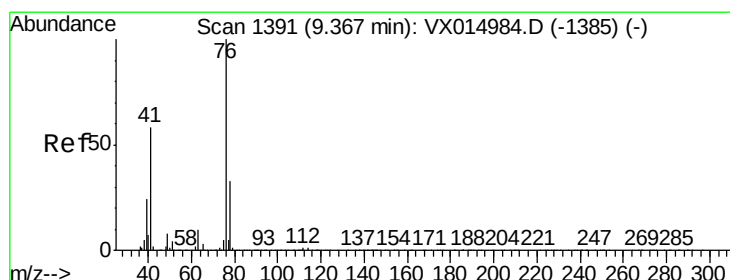
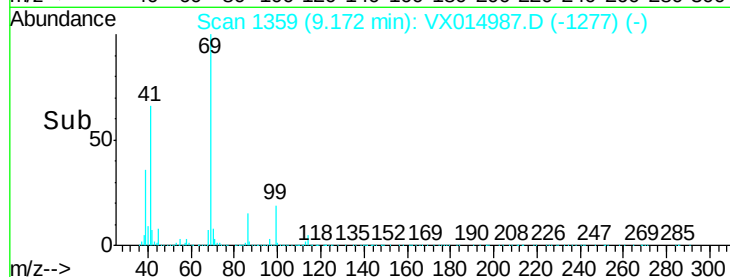
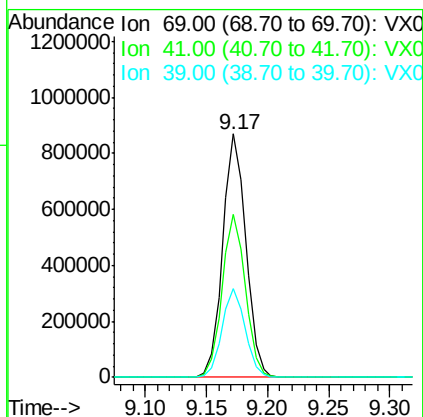
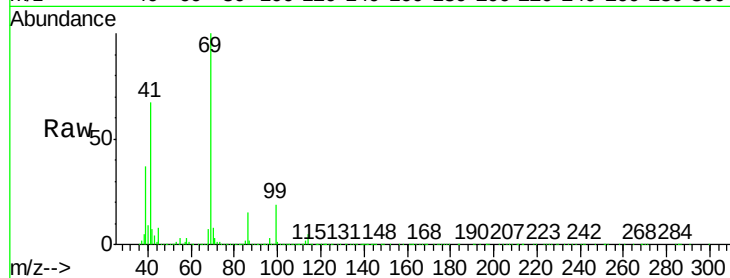
#51
Ethyl methacrylate
Concen: 156.742 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
69	100		
41	66.7	32.7	98.1
39	36.6	18.2	54.6

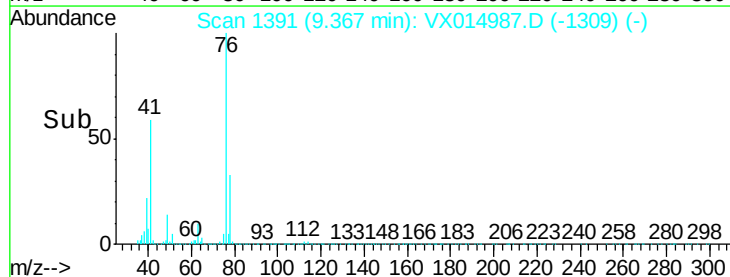
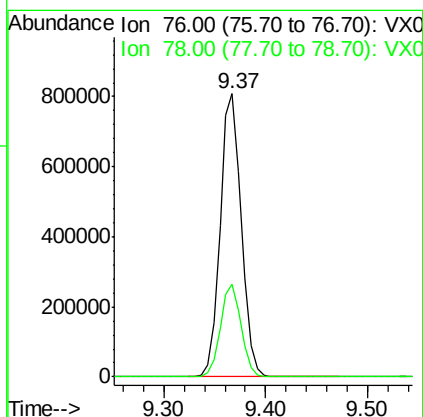
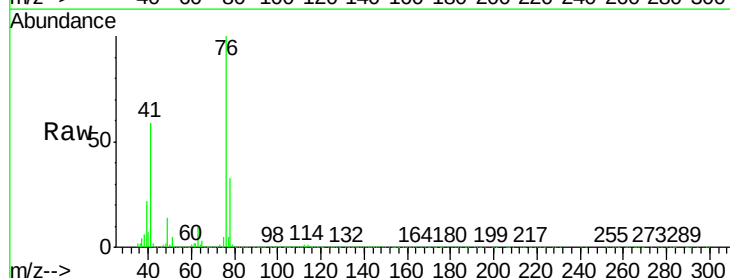
Manual Integrations
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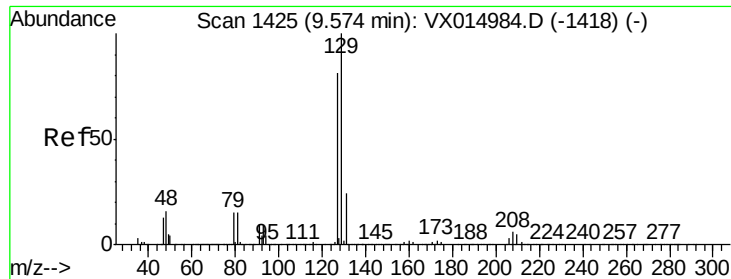
MMDadoda
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#52
1,3-Dichloropropane
Concen: 146.725 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.1	0.0	65.0





#53

Dibromochloromethane

Concen: 164.090 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 795290

Ion Ratio Lower Upper

129 100

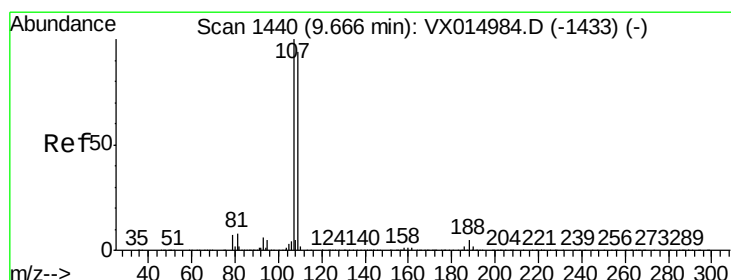
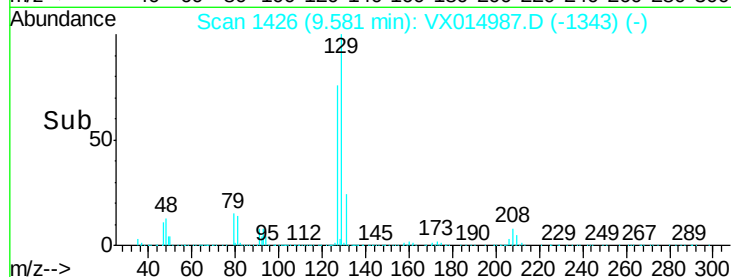
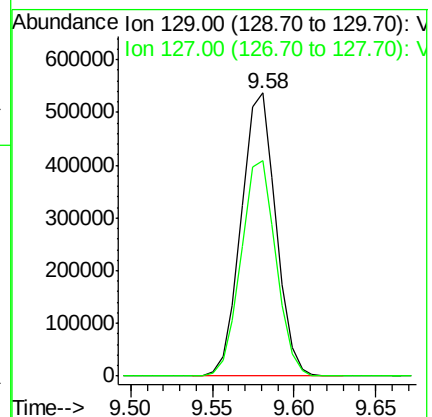
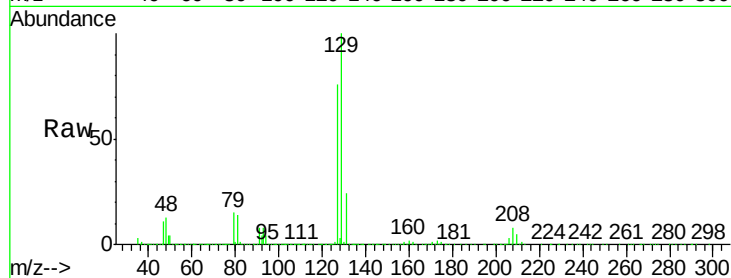
127 76.9 38.3 114.9

Manual Integrations

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#54

1,2-Dibromoethane

Concen: 151.042 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014987.D

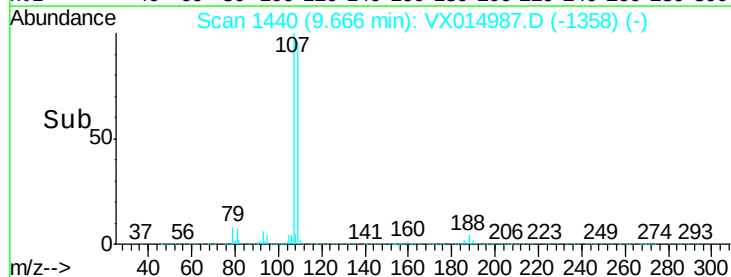
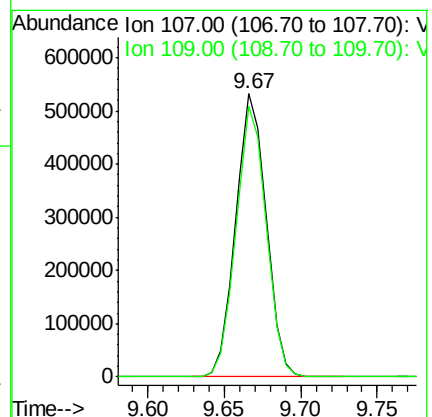
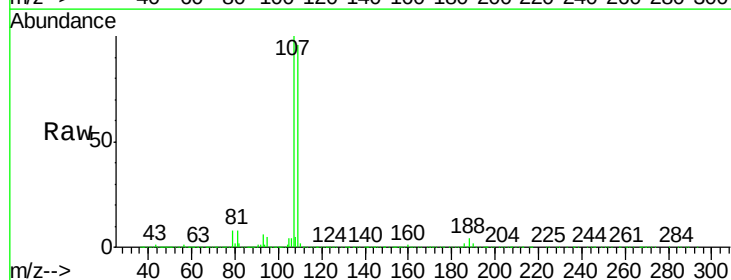
Acq: 21 Feb 2020 10:44

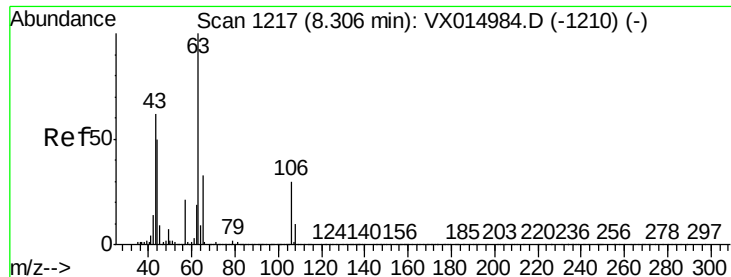
Tgt Ion:107 Resp: 732458

Ion Ratio Lower Upper

107 100

109 95.0 76.3 114.5





#55

2-Chloroethyl vinyl ether

Concen: 822.794 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

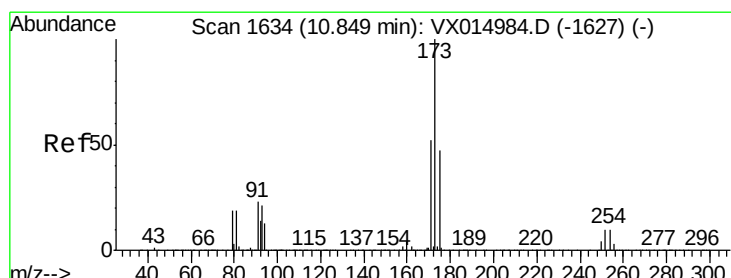
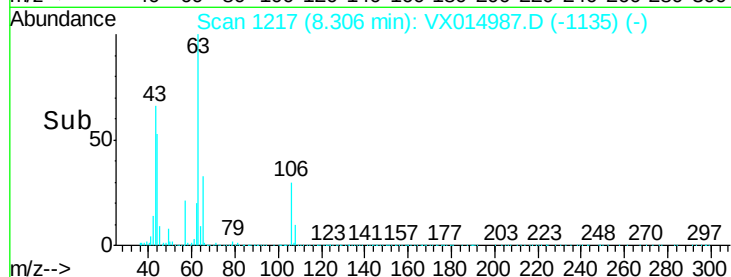
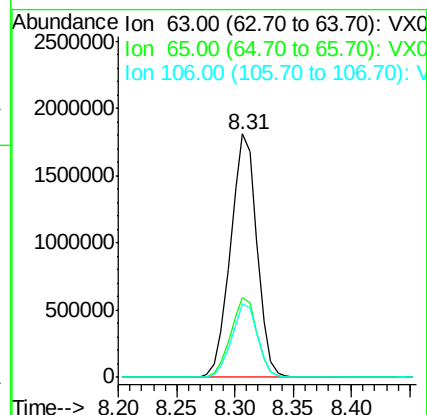
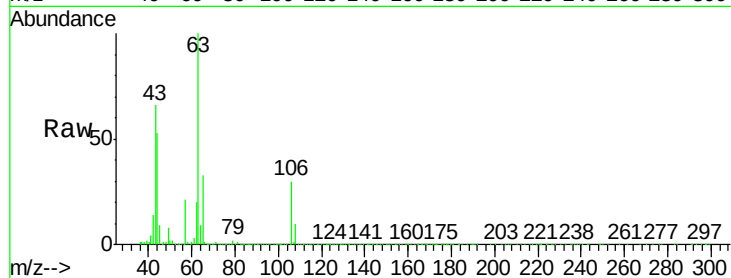
ClientSampleId :

VSTDIC150

Tot Ion:	63	Resp:	2836651
Ion	Ratio	Lower	Upper
63	100		
65	32.8	26.0	39.0
106	30.0	23.9	35.9

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#56

Bromoform

Concen: 174.960 ug/l

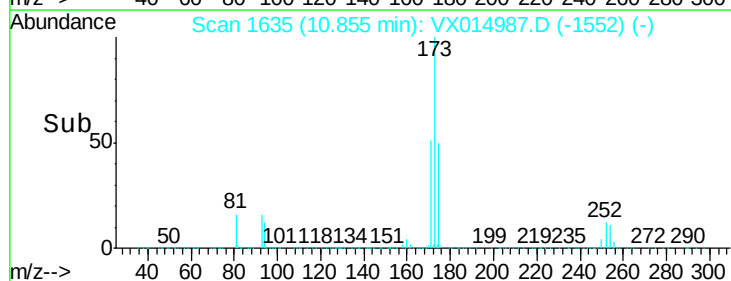
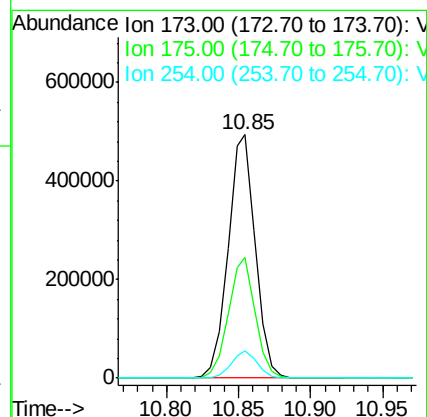
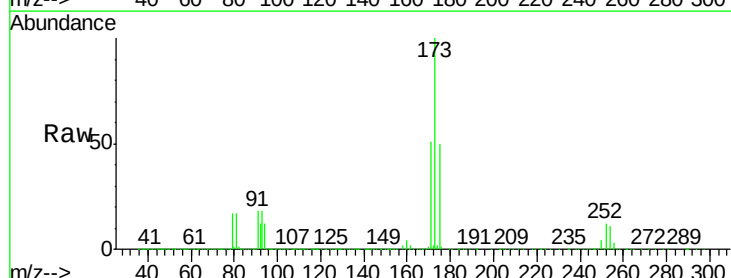
RT: 10.85 min Scan# 1635

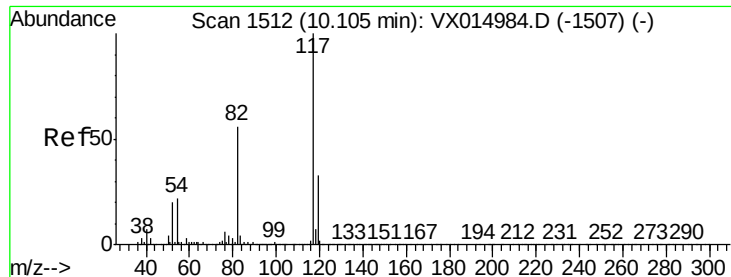
Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	173	Resp:	653303
Ion	Ratio	Lower	Upper
173	100		
175	49.0	38.6	57.8
254	10.9	8.6	13.0





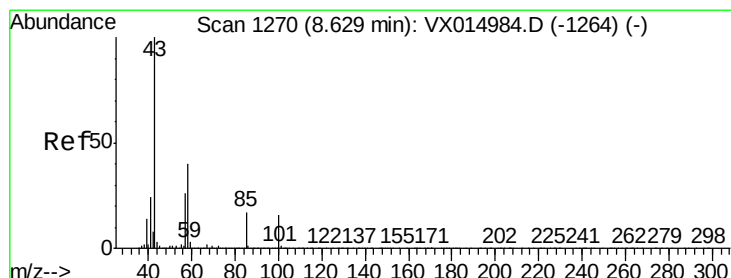
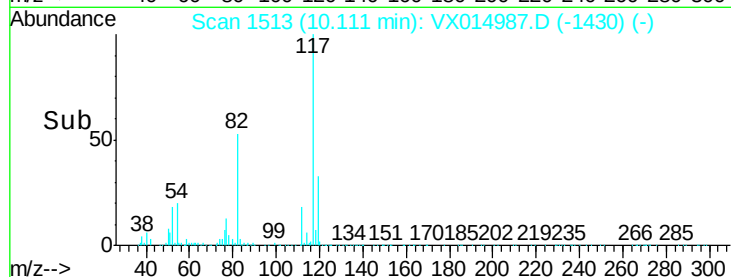
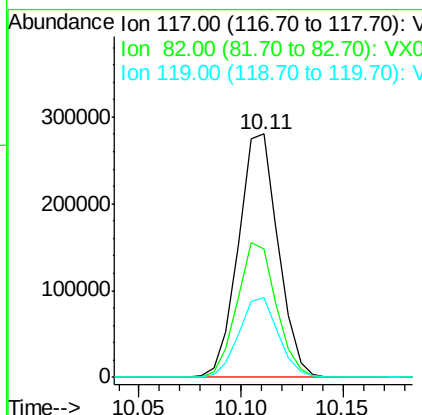
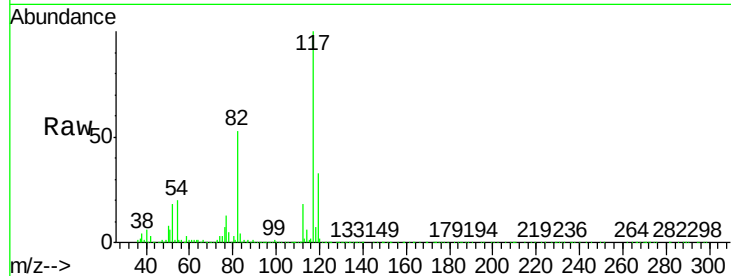
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.4	65.2
119	32.6	26.0	39.0

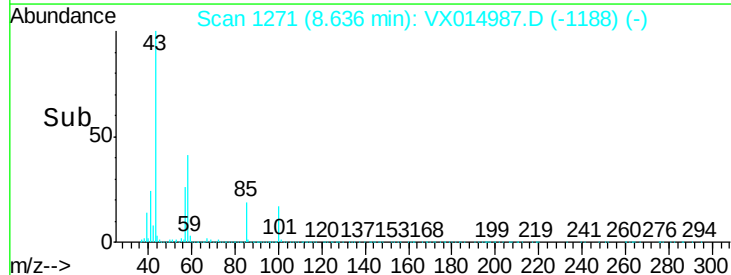
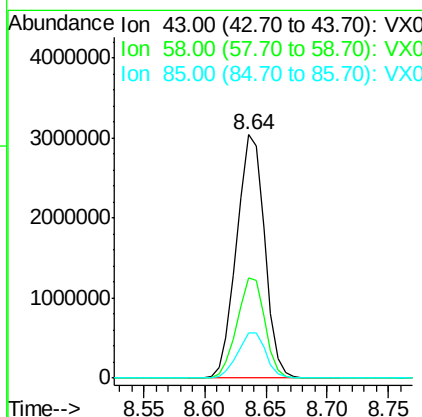
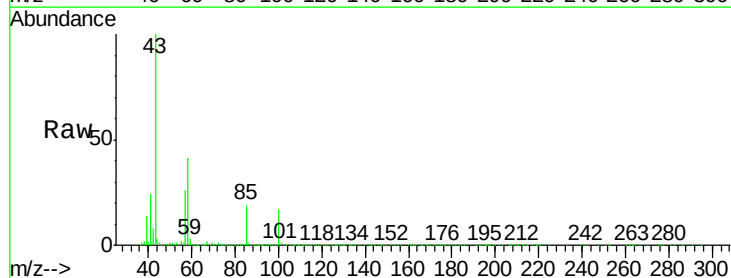
Manual Integrations
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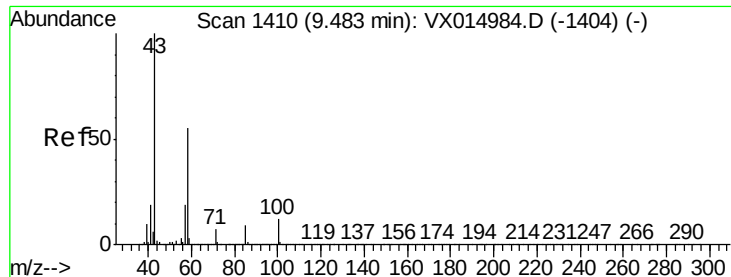
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#58
4-Methyl-2-Pentanone
Concen: 699.871 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
43	100		
58	40.8	31.7	47.5
85	18.6	14.4	21.6





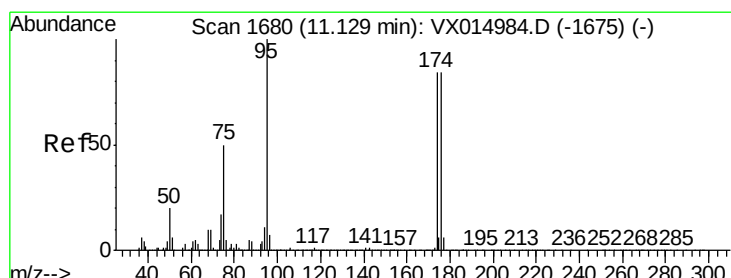
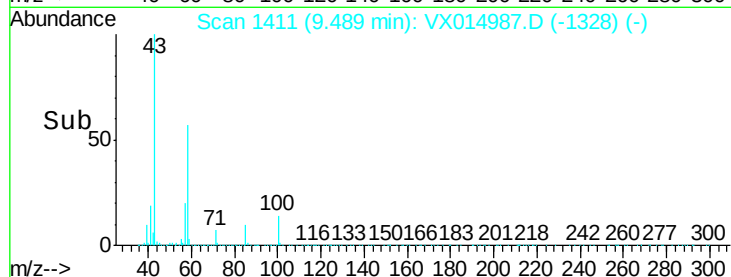
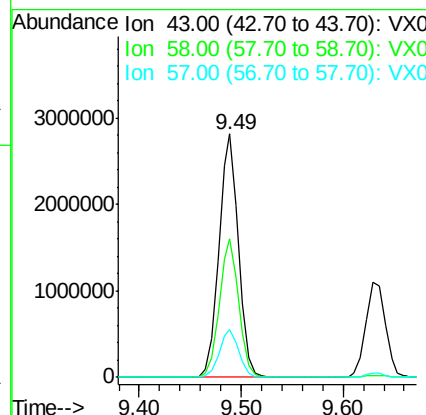
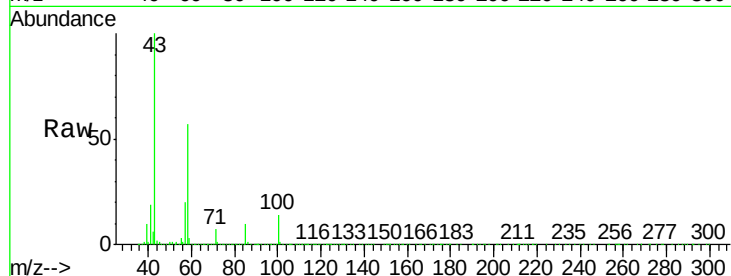
#59
2-Hexanone
Concen: 701.994 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
58	56.6	44.1	66.1
57	19.7	15.3	22.9

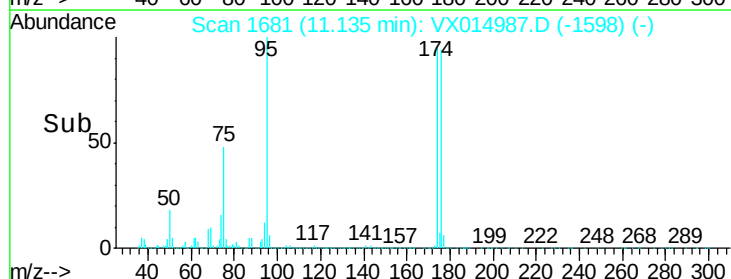
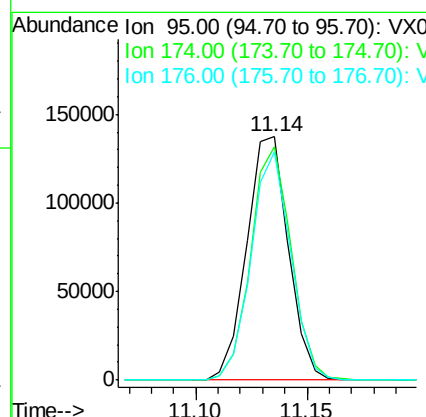
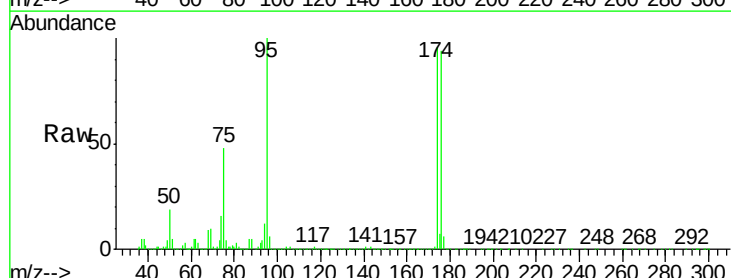
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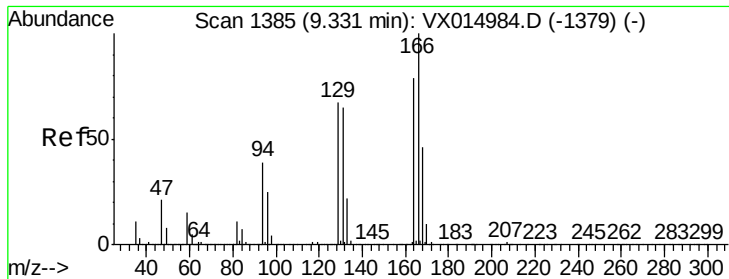
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#60
4-Bromofluorobenzene
Concen: 29.815 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
95	100		
174	92.5	72.3	108.5
176	89.3	72.0	108.0





#61

Tetrachloroethene

Concen: 134.388 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

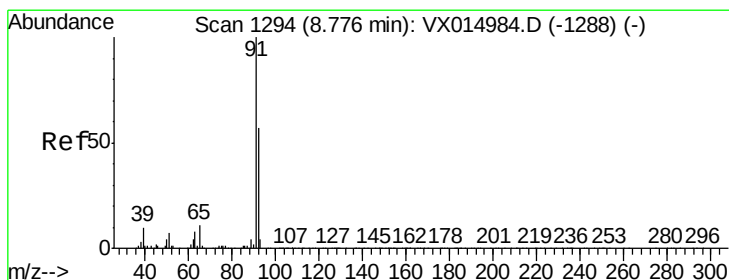
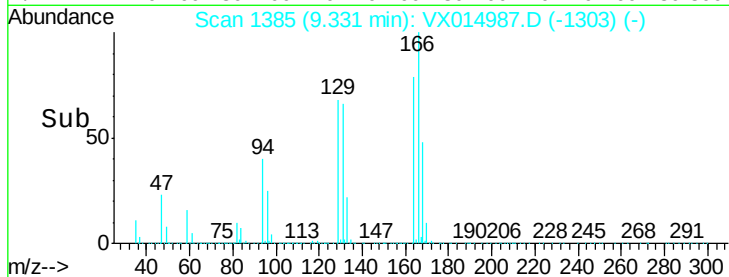
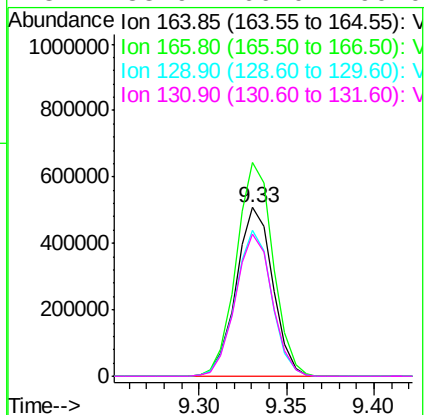
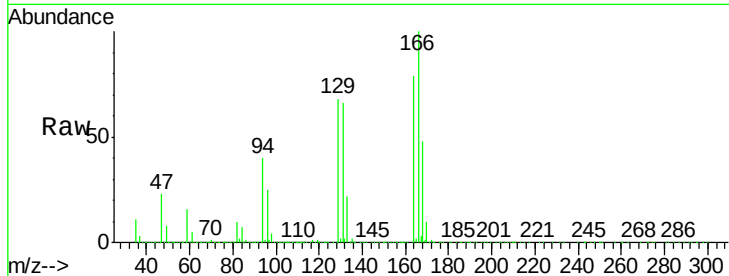
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.2	151.8
129	86.6	67.6	101.4
131	83.9	66.0	99.0

Manual Integrations
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#62

Toluene

Concen: 147.262 ug/l

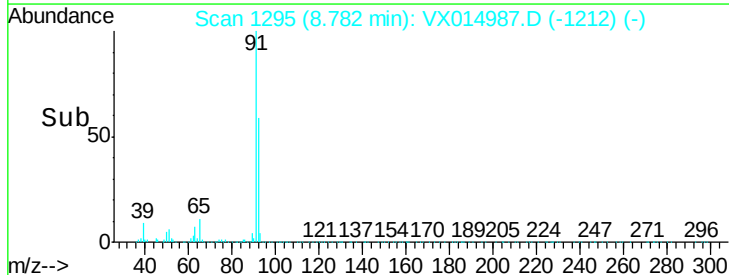
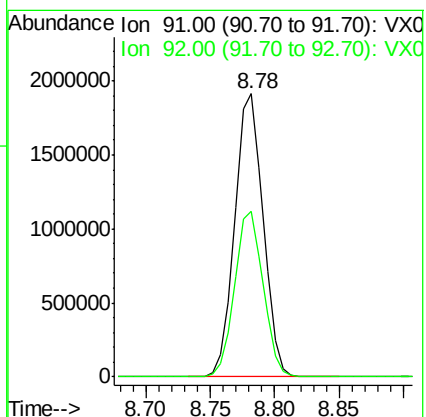
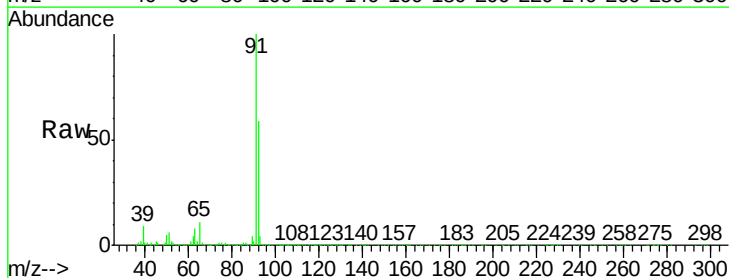
RT: 8.78 min Scan# 1295

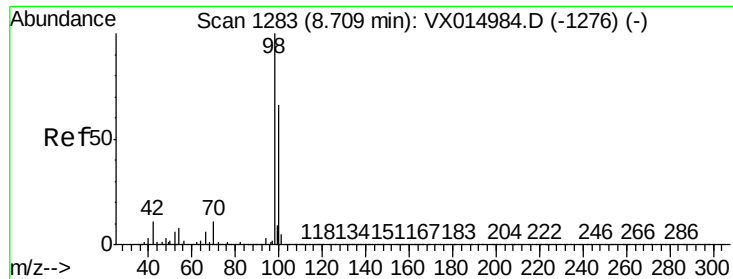
Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
91	100		
92	58.6	46.6	69.8





#63

Toluene-d8

Concen: 28.915 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 98 Resp: 492426

Ion Ratio Lower Upper

98 100

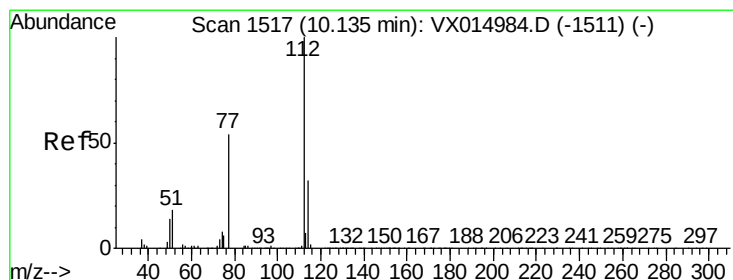
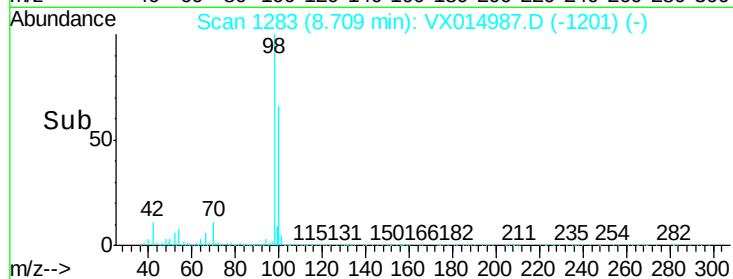
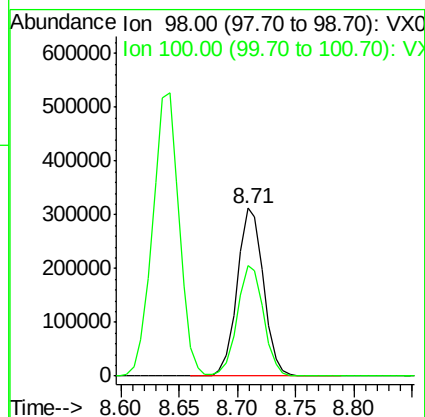
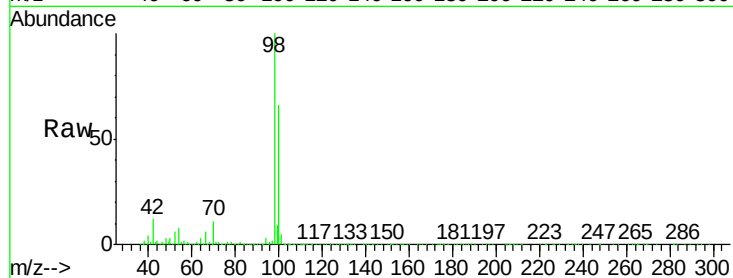
100 65.1 52.8 79.2

Manual Integrations

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#64

Chlorobenzene

Concen: 152.736 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014987.D

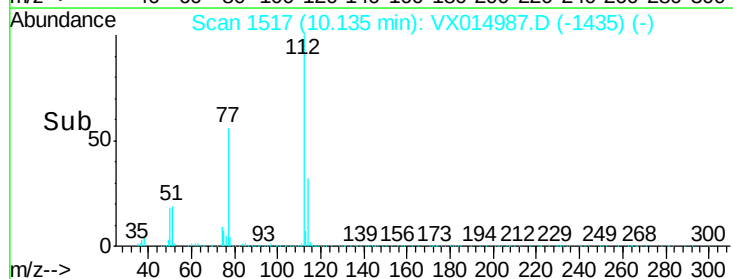
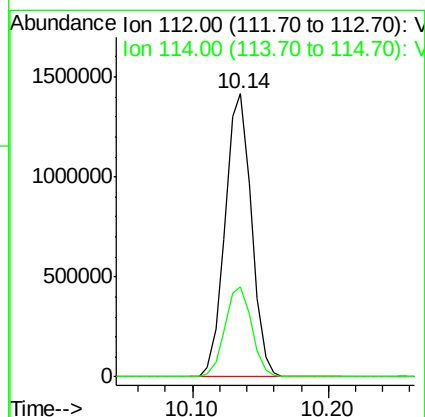
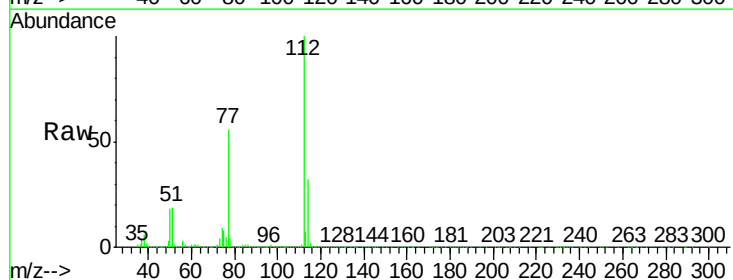
Acq: 21 Feb 2020 10:44

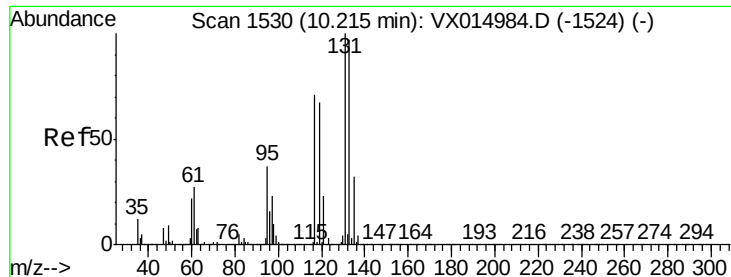
Tgt Ion: 112 Resp: 1900086

Ion Ratio Lower Upper

112 100

114 32.0 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 156.554 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

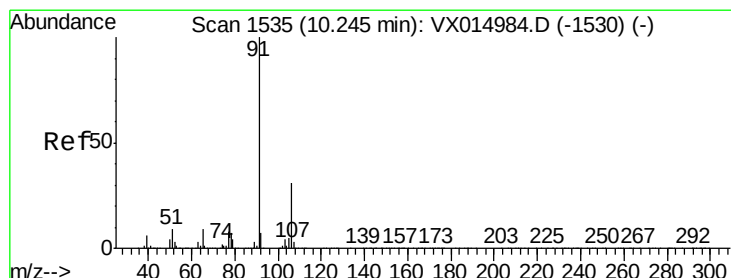
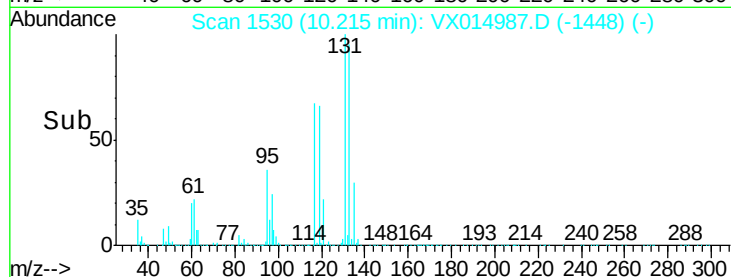
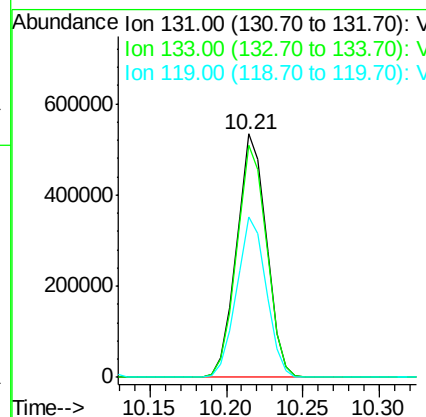
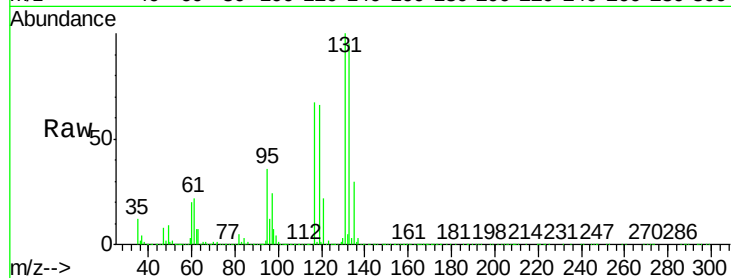
ClientSampleId :

VSTDICC150

Tot Ion:	131	Resp:	719954
Ion Ratio	Lower	Upper	
131	100		
133	95.8	0.0	191.4
119	65.6	0.0	132.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 153.325 ug/l

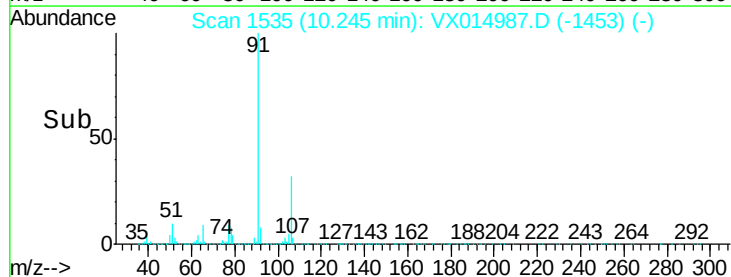
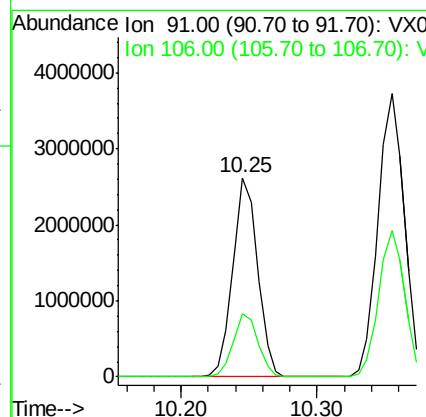
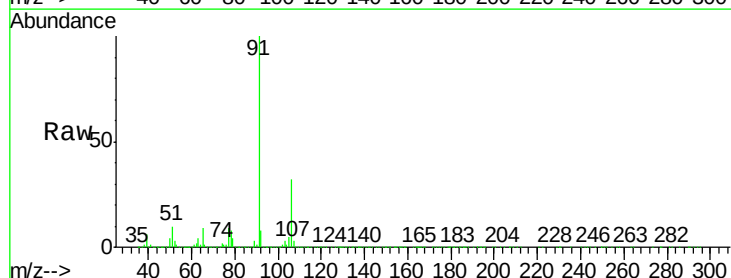
RT: 10.25 min Scan# 1535

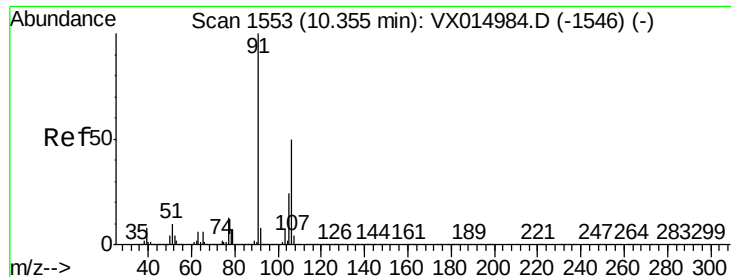
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	91	Resp:	3329479
Ion Ratio	Lower	Upper	
91	100		
106	31.6	24.7	37.1





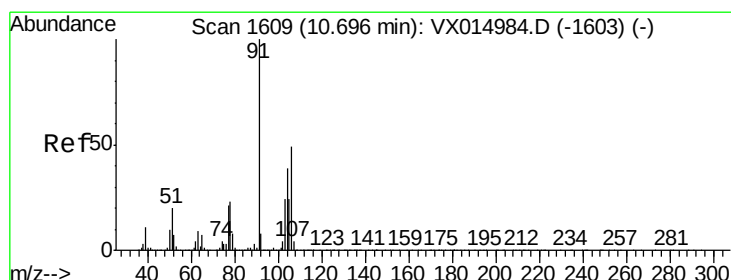
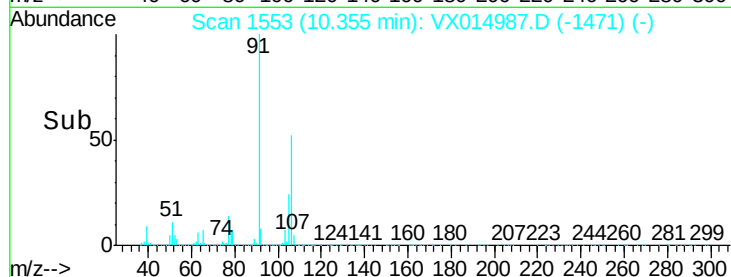
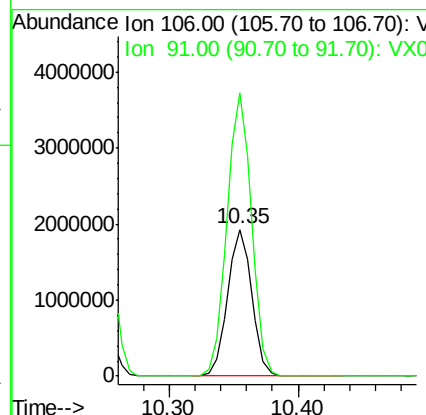
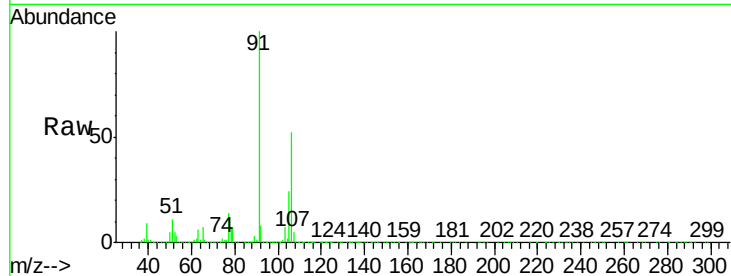
#67
m/p-Xylenes
Concen: 308.929 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 2568220
Ion Ratio Lower Upper
106 100
91 194.8 160.4 240.6

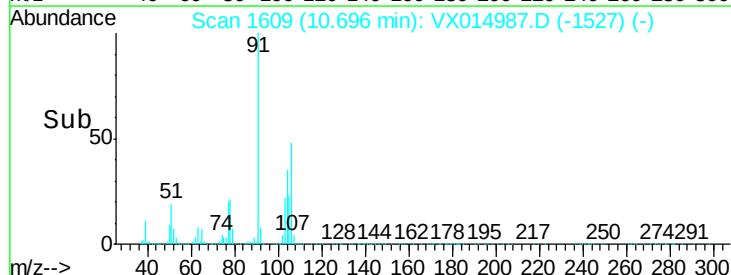
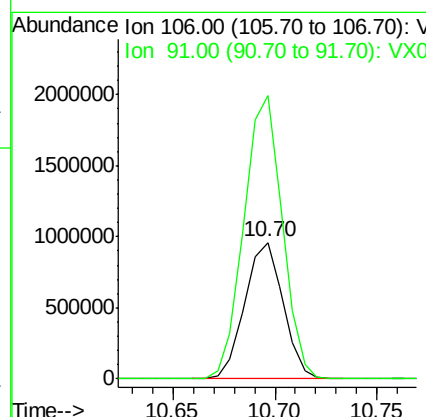
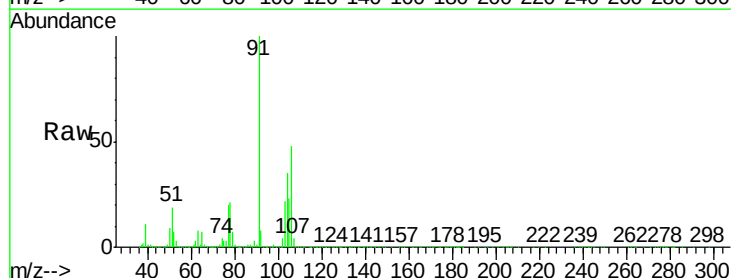
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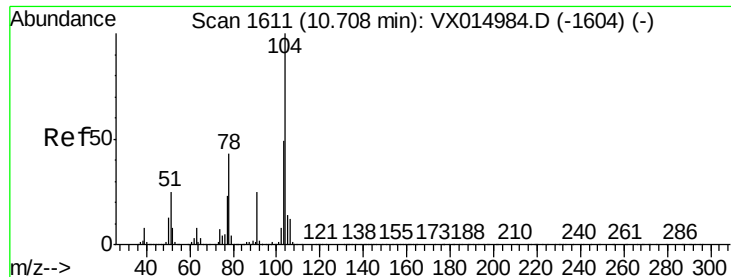
MMDadoda
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#68
o-Xylene
Concen: 154.726 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion:106 Resp: 1251705
Ion Ratio Lower Upper
106 100
91 208.2 105.3 315.9





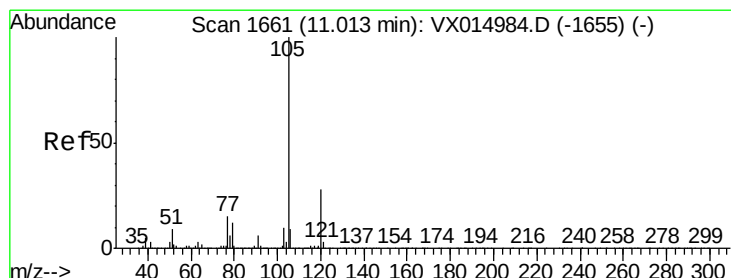
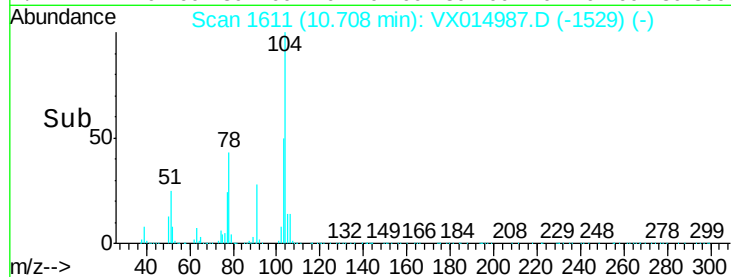
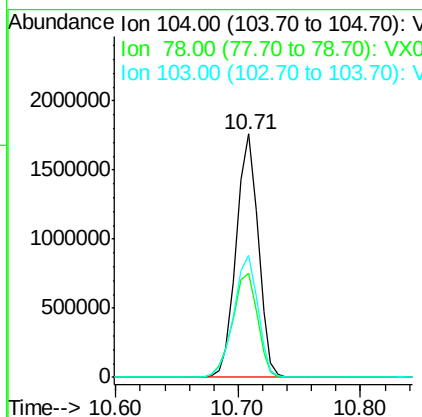
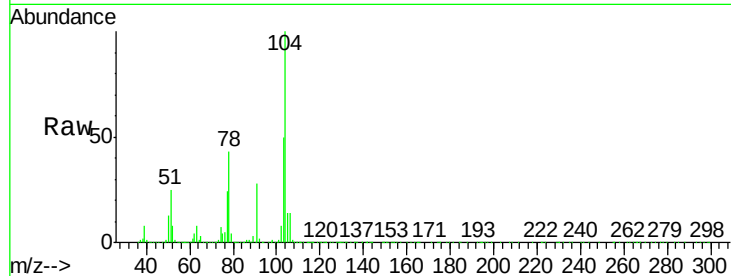
#69
Stvrene
Concen: 159.303 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.6	39.4	59.2
103	54.7	42.9	64.3

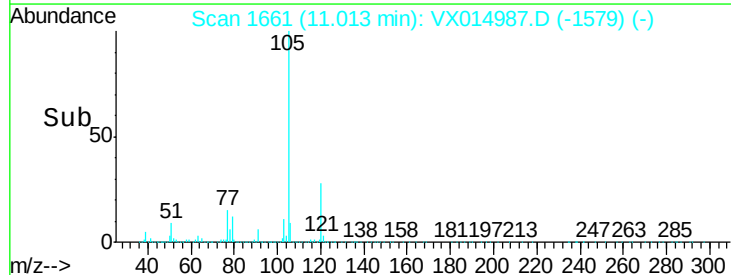
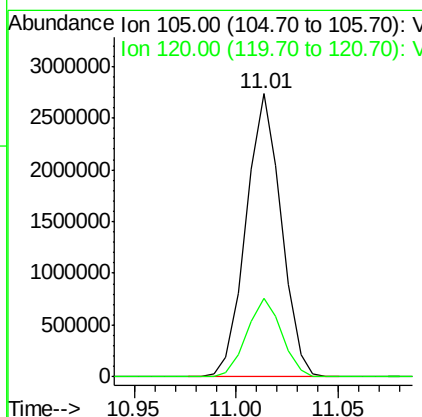
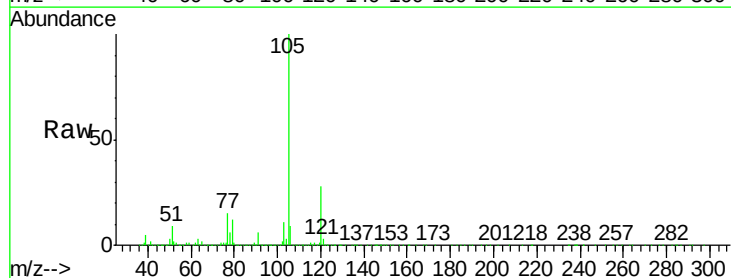
Manual Integrations
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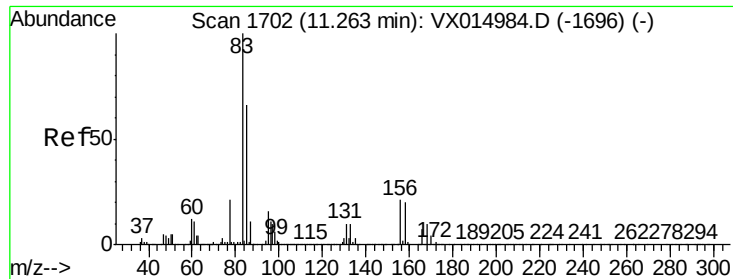
MMDadoda
2/24/2020 11:29:04 AM



#70
Isopropylbenzene
Concen: 153.631 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.6	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 151.159 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC150

Tot Ion: 83 Resp: 1072204

Ion Ratio Lower Upper

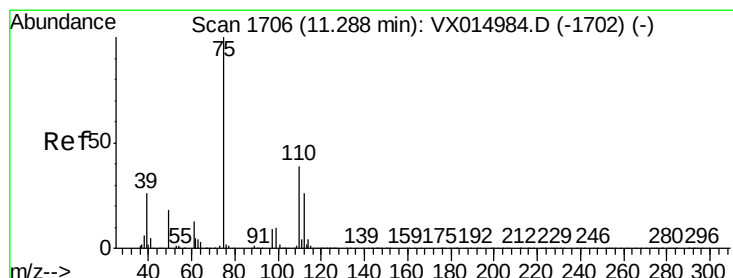
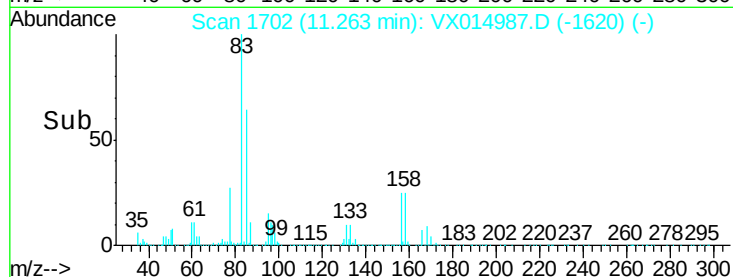
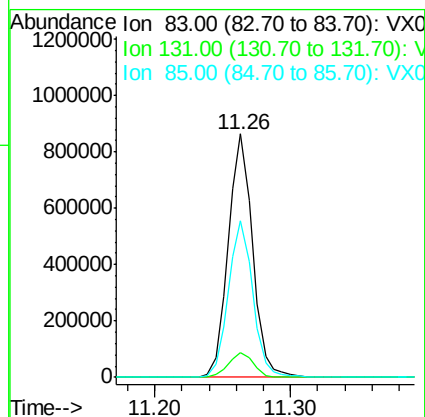
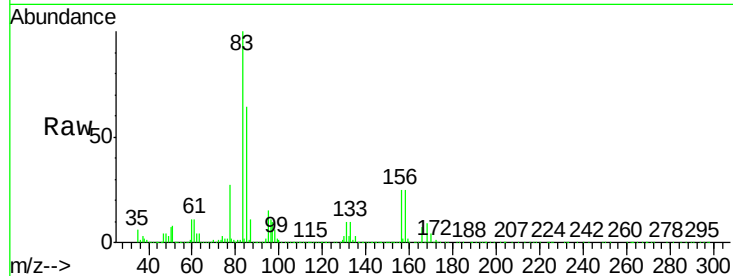
83 100

131 10.4 5.1 15.4

85 64.7 32.2 96.6

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#72

1,2,3-Trichloropropane

Concen: 137.576 ug/l m

RT: 11.29 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VX014987.D

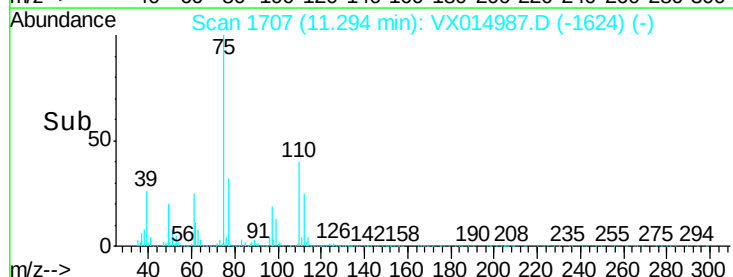
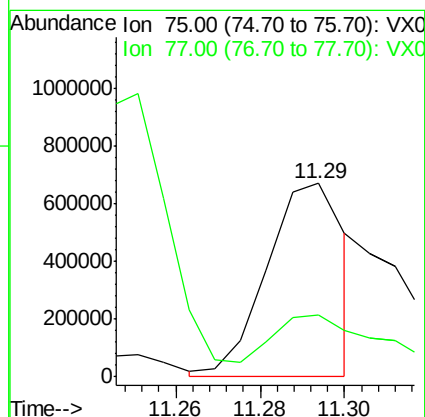
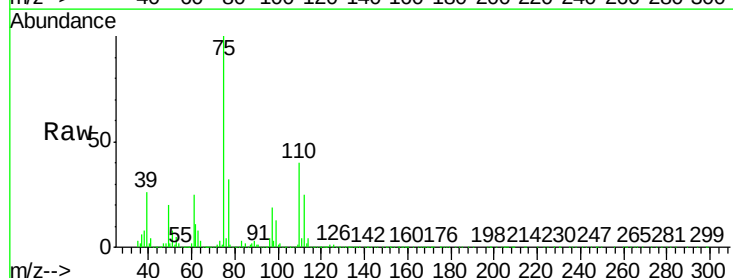
Acq: 21 Feb 2020 10:44

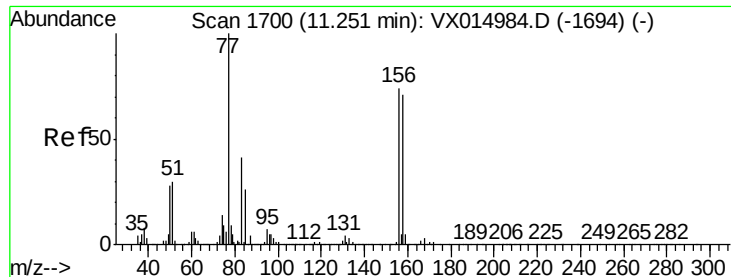
Tgt Ion: 75 Resp: 853966

Ion Ratio Lower Upper

75 100

77 45.8 0.0 75.4





#73

Bromobenzene

Concen: 158.345 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

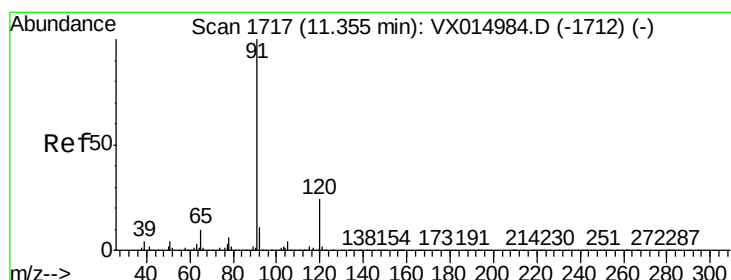
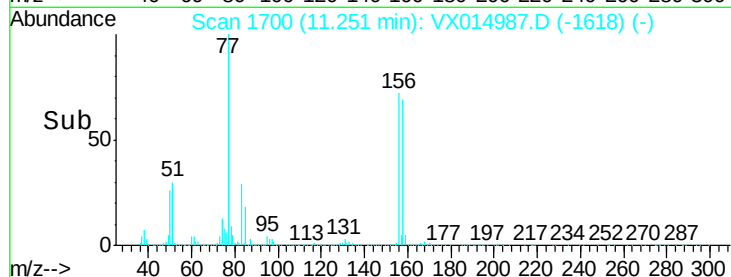
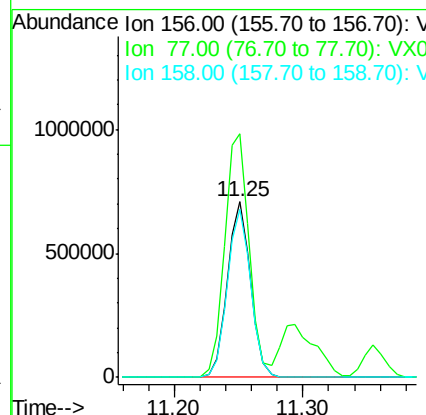
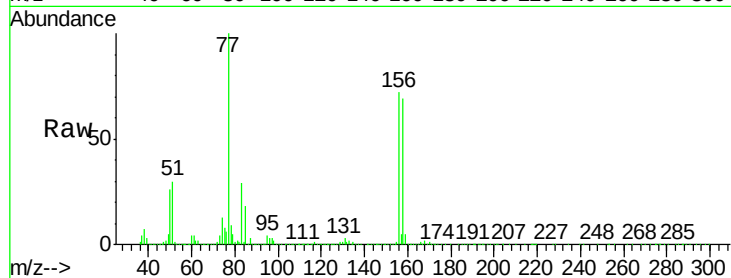
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
156	100	896848		
77	147.3	0.0	286.8	
158	96.9	0.0	191.8	

Manual Integrations
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#74

n-propylbenzene

Concen: 156.469 ug/l

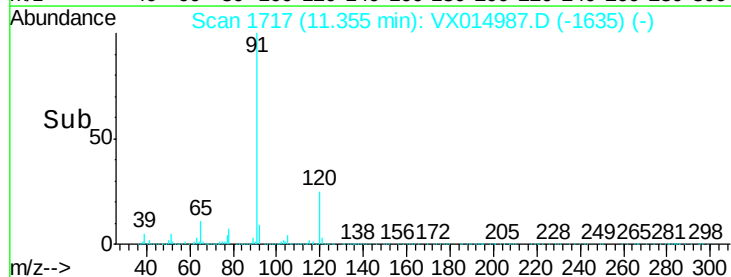
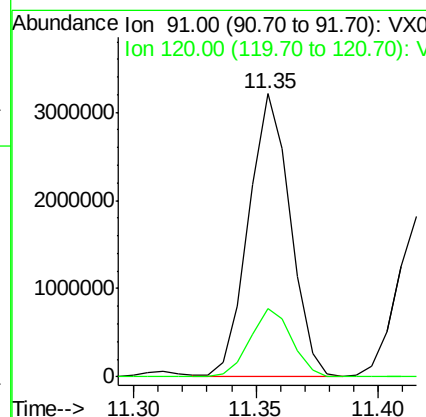
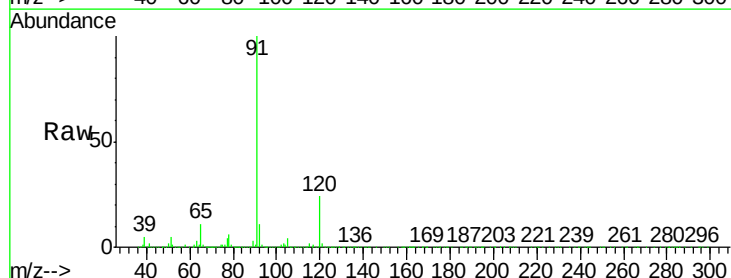
RT: 11.35 min Scan# 1717

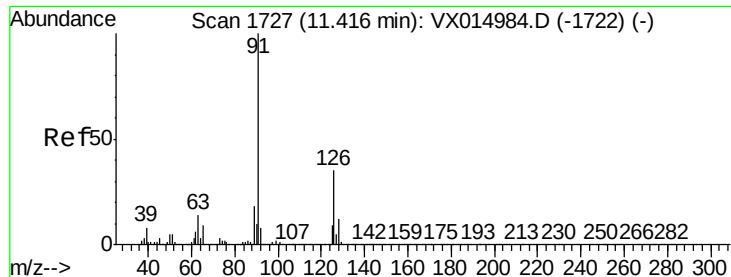
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	3811755		
120	24.0	0.0	47.0	





#75

2-Chlorotoluene

Concen: 151.903 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2214060

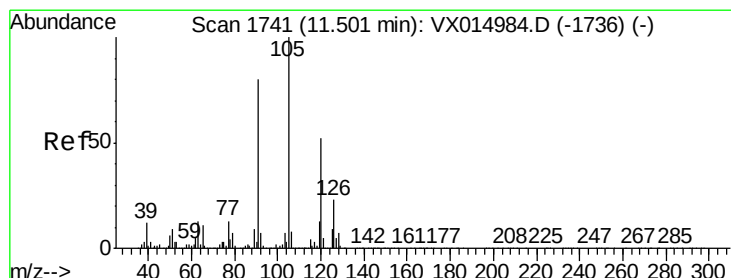
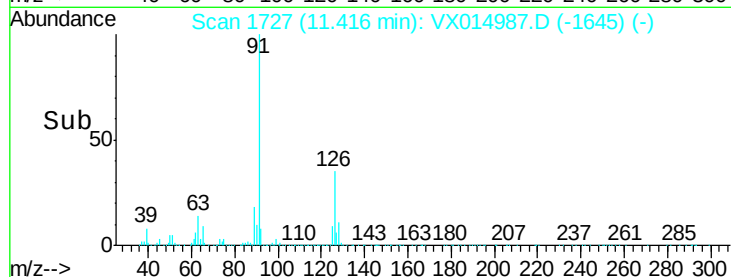
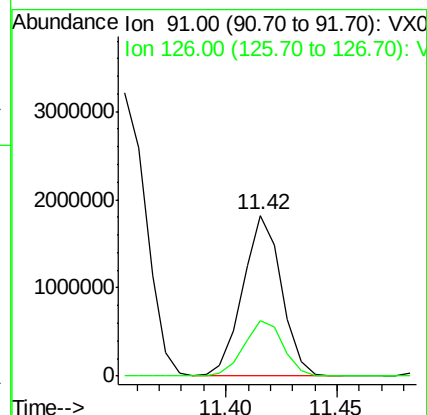
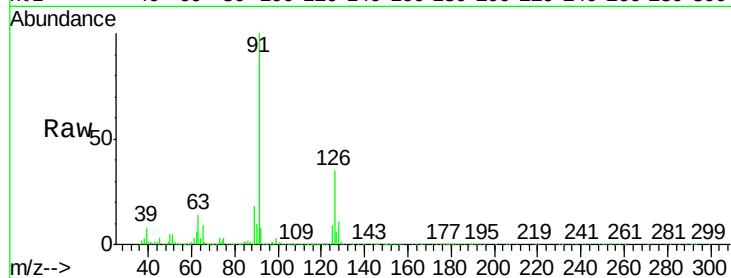
Ion Ratio Lower Upper

91 100

126 35.3 0.0 69.0

Manual Integrations
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#76

1,3,5-Trimethylbenzene

Concen: 159.447 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014987.D

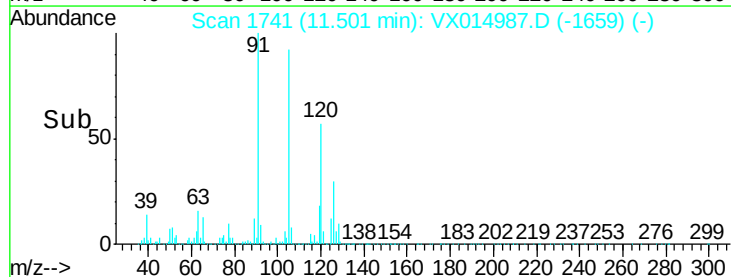
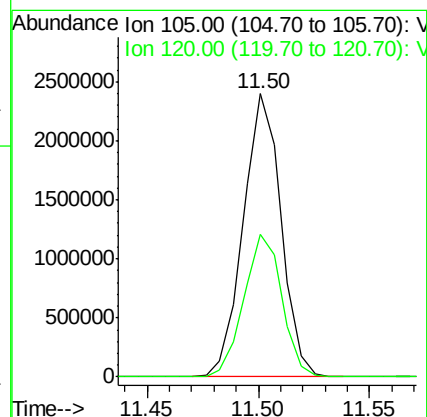
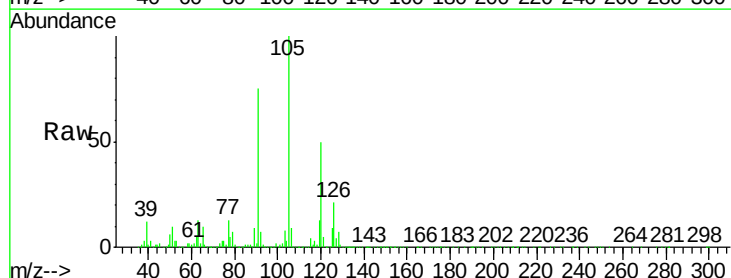
Acq: 21 Feb 2020 10:44

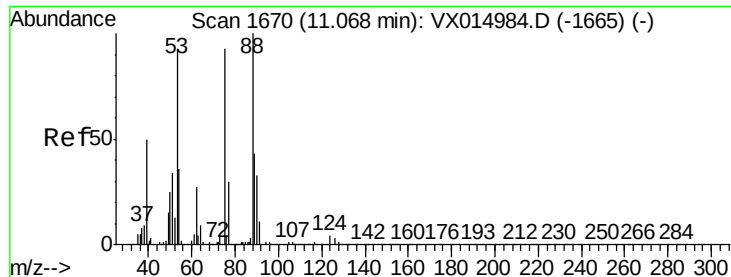
Tgt Ion: 105 Resp: 2831779

Ion Ratio Lower Upper

105 100

120 50.8 0.0 101.0





#77

t-1,4-Dichloro-2-butene

Concen: 171.214 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

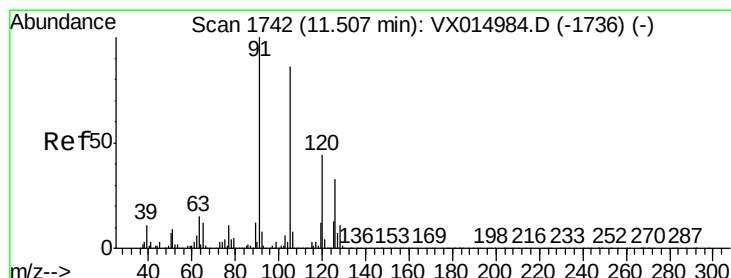
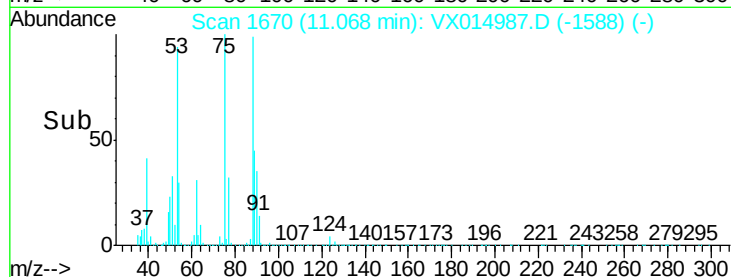
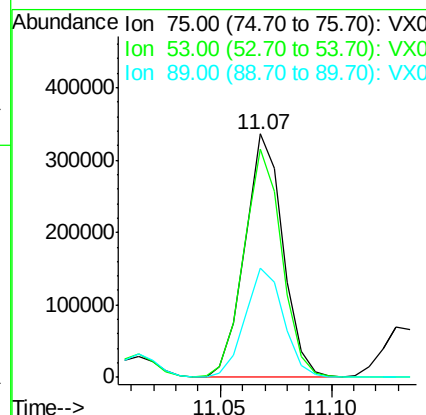
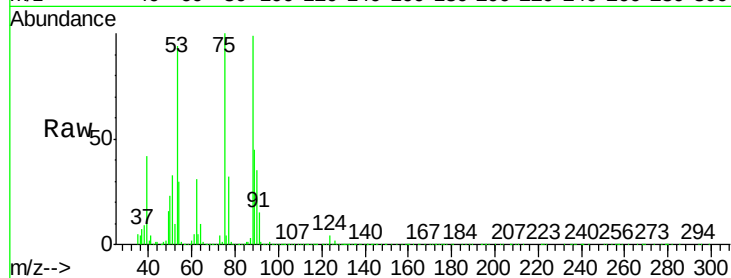
ClientSampleId :

VSTDIC150

Tot Ion:	75	Resp:	401732
Ion	Ratio	Lower	Upper
75	100		
53	93.5	50.0	149.8
89	44.6	23.5	70.5

Manual Integrations
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#78

4-Chlorotoluene

Concen: 158.497 ug/l

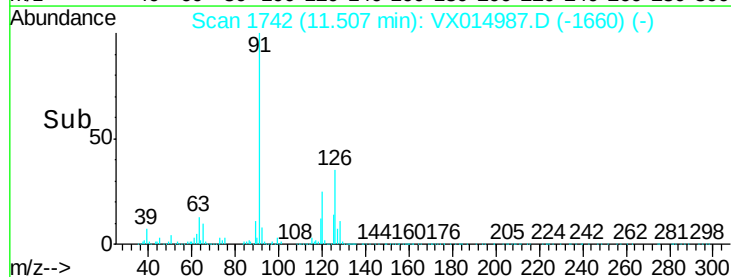
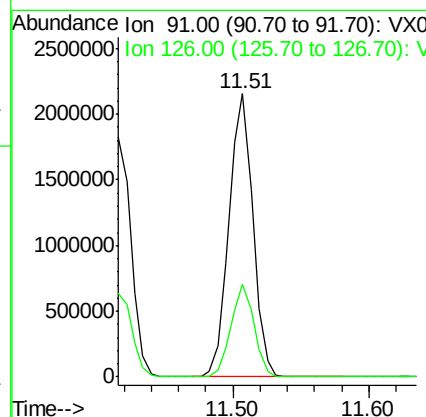
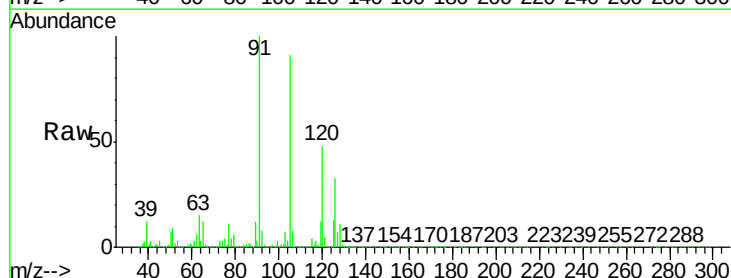
RT: 11.51 min Scan# 1742

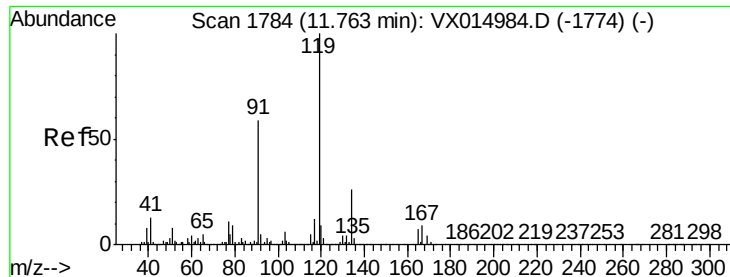
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	91	Resp:	2625969
Ion	Ratio	Lower	Upper
91	100		
126	31.5	0.0	62.0





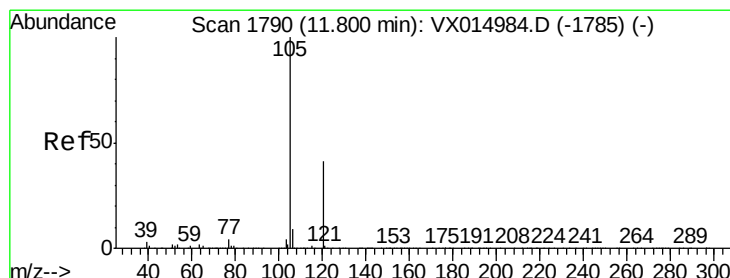
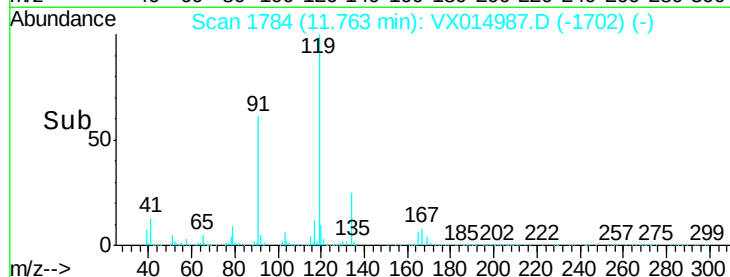
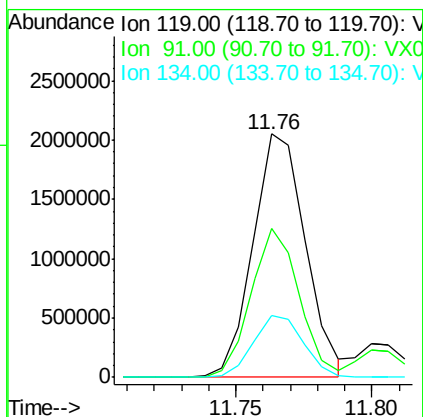
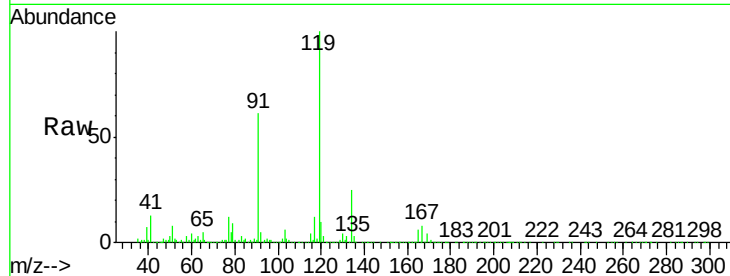
#79
tert-butylbenzene
Concen: 164.025 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampled :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.3	0.0	114.4
134	24.5	0.0	48.8

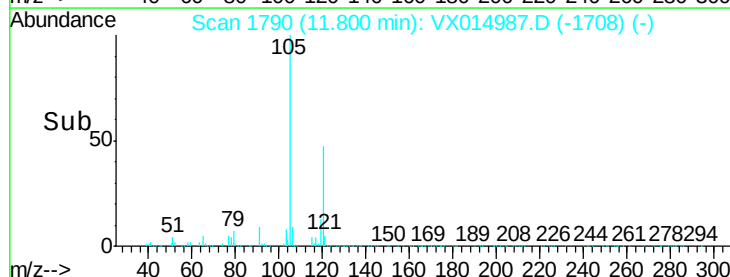
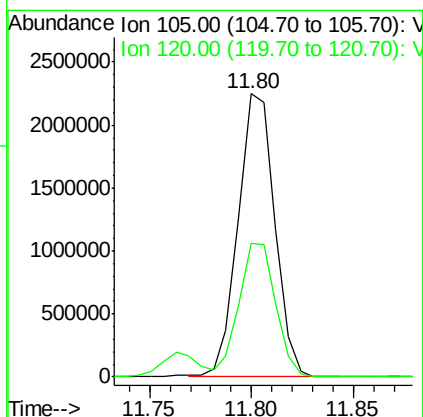
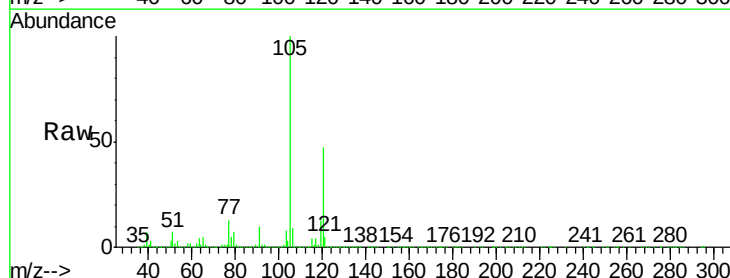
Manual Integrations
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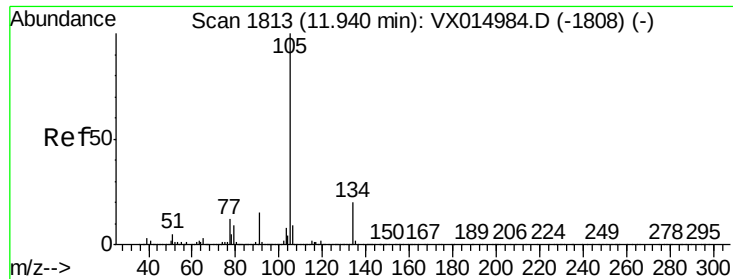
MMDadoda
2/24/2020 11:29:04 AM



#80
1,2,4-Trimethylbenzene
Concen: 158.754 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	47.0	0.0	93.4





#81

sec-Butylbenzene

Concen: 158.578 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3269339

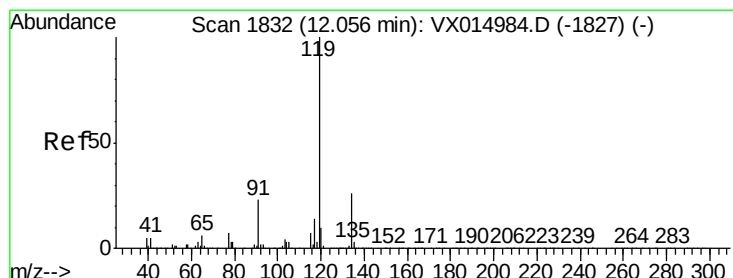
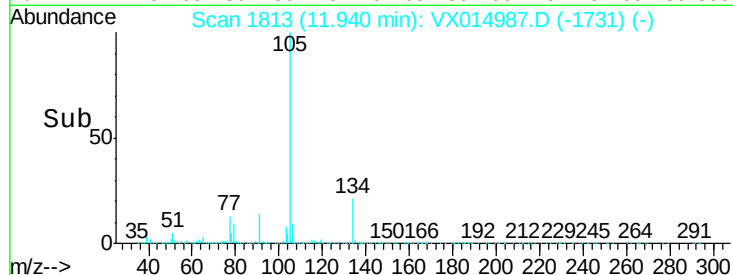
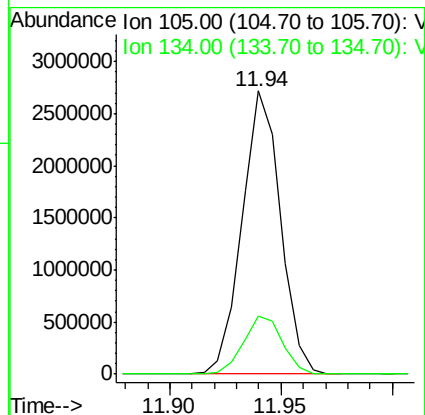
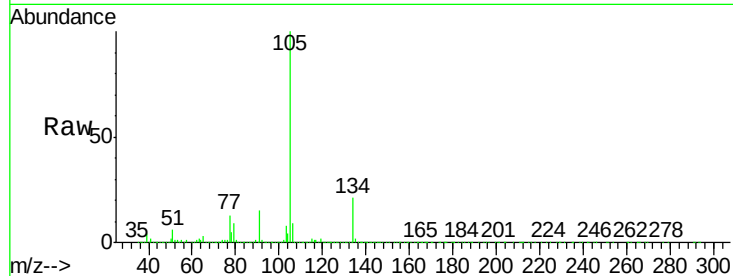
Ion Ratio Lower Upper

105 100

134 21.0 0.0 40.8

Manual Integrations
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#82

p-Isopropyltoluene

Concen: 161.983 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. 0.01 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

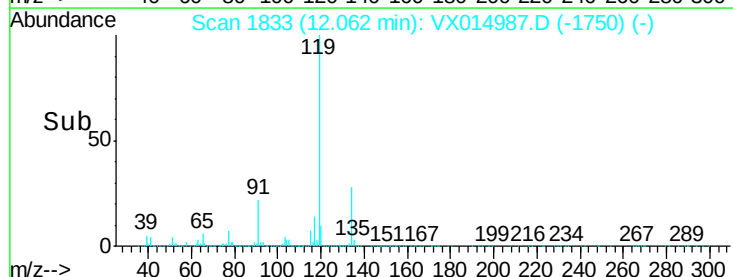
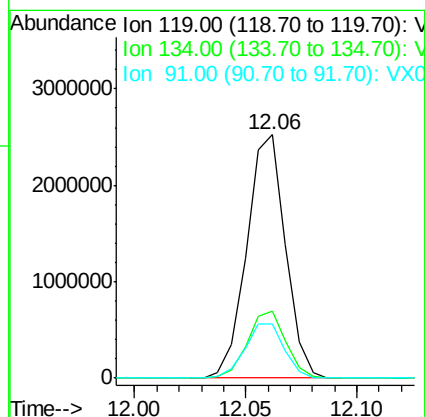
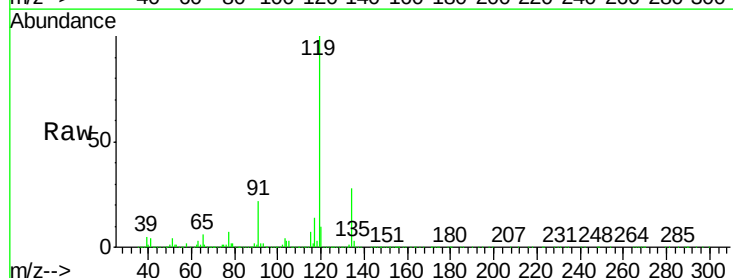
Tgt Ion:119 Resp: 3052322

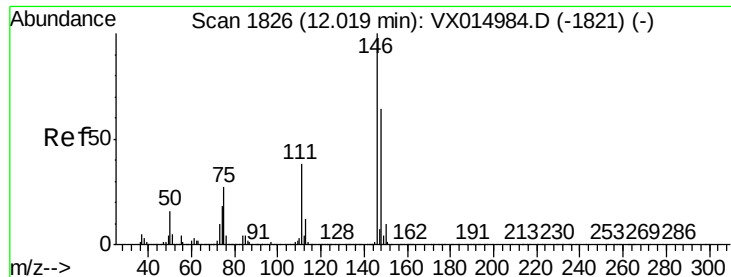
Ion Ratio Lower Upper

119 100

134 27.3 0.0 53.2

91 22.9 0.0 44.6





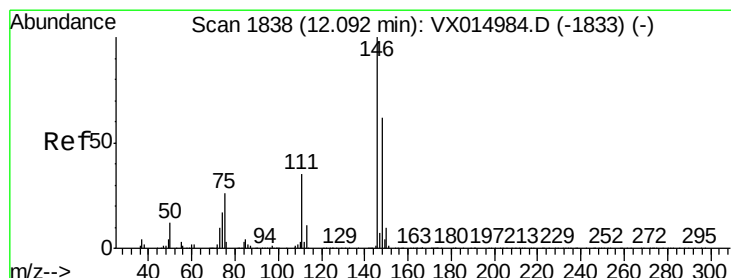
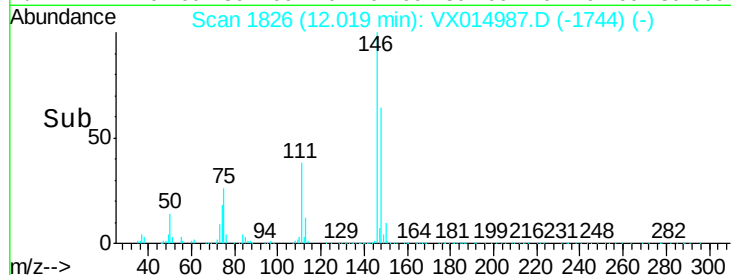
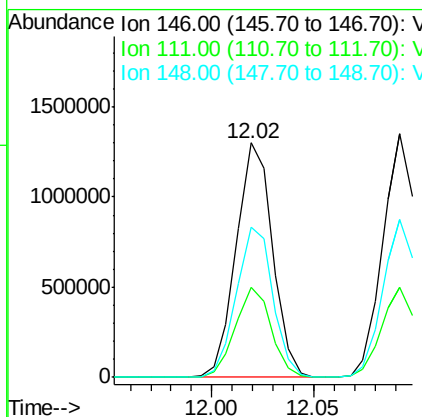
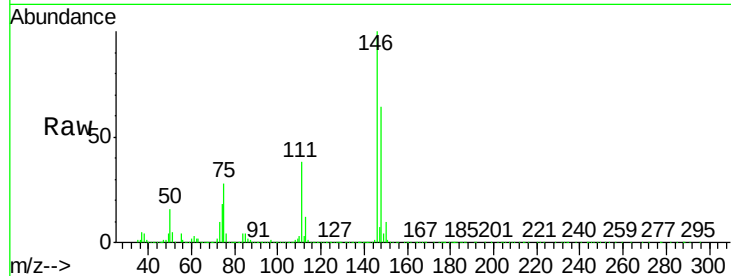
#83
 1,3-Dichlorobenzene
 Concen: 162.659 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.9
148	64.6	32.3	96.9

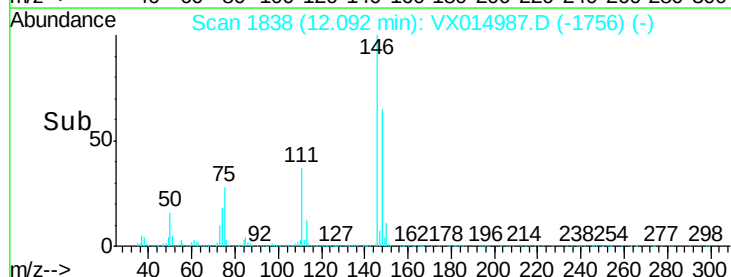
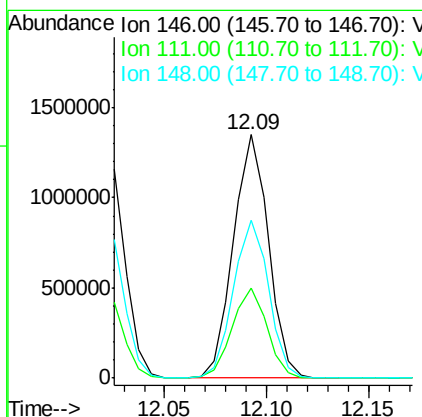
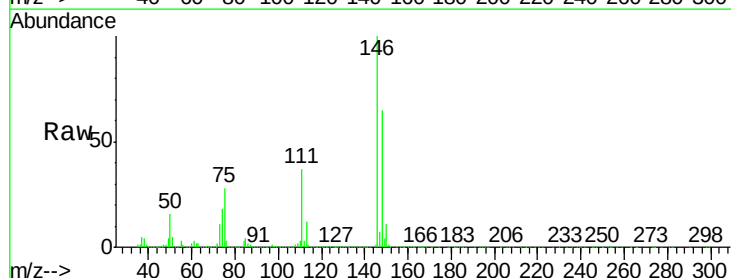
Manual Integrations
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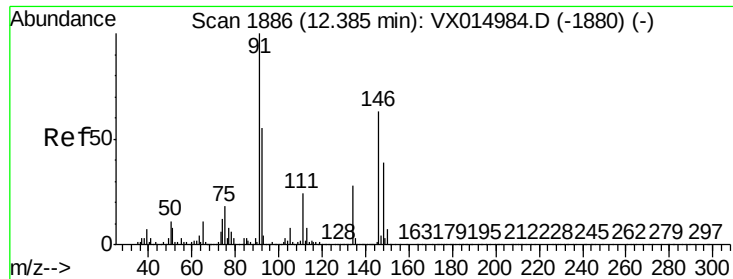
MMDadoda
 2/24/2020 11:29:04 AM



#84
 1,4-Dichlorobenzene
 Concen: 162.765 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	17.8	53.5
148	65.0	31.4	94.2





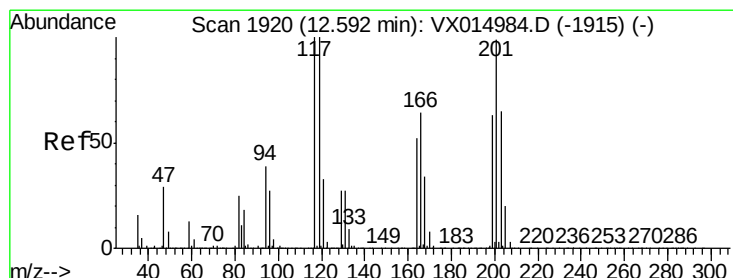
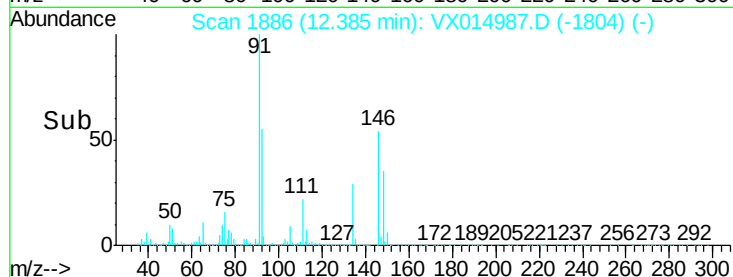
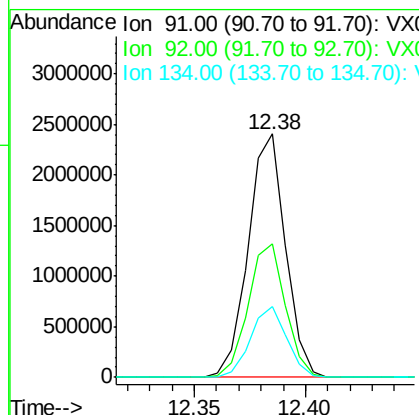
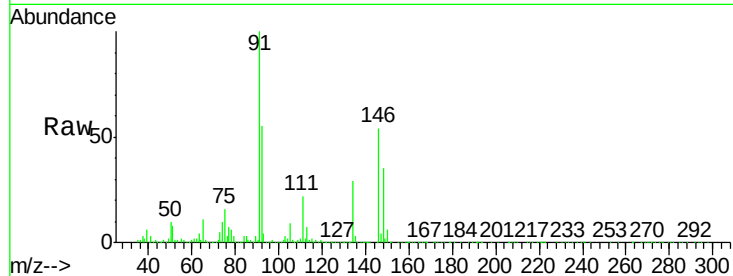
#85
n-Butylbenzene
Concen: 170.606 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC150

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.1	0.0	109.8
134	28.1	0.0	54.8

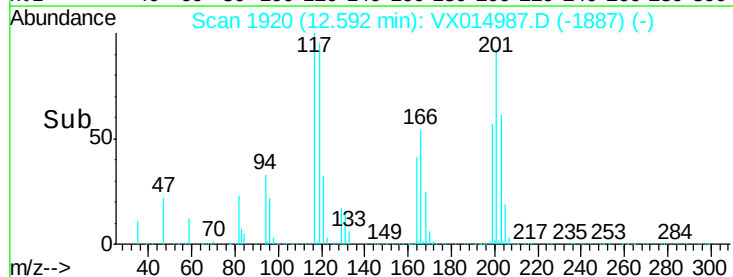
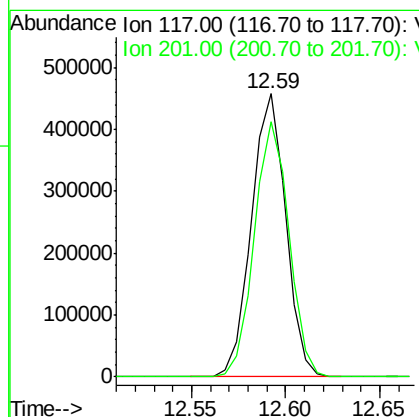
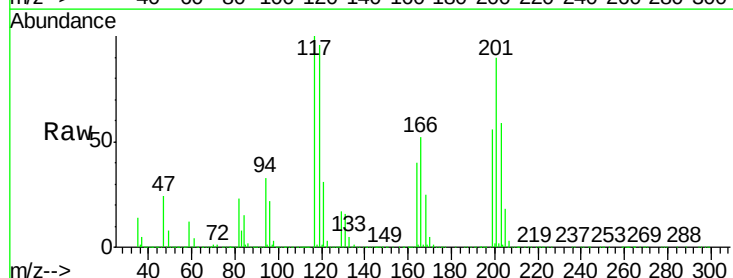
Manual Integrations
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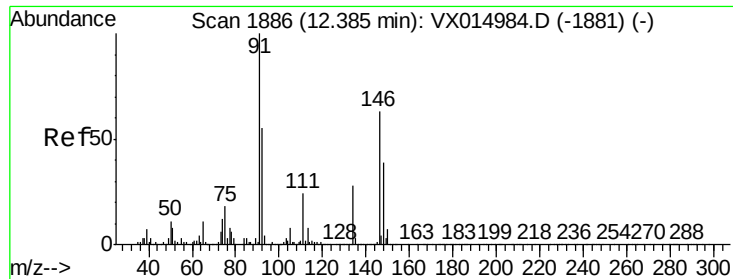
MMDadoda
2/24/2020 11:29:04 AM



#86
Hexachloroethane
Concen: 171.169 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.0	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 160.017 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Instrument :

MSVOA_X

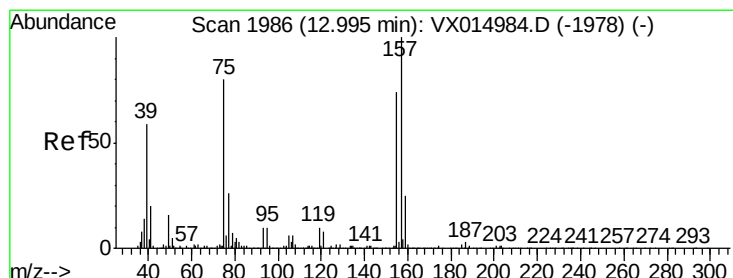
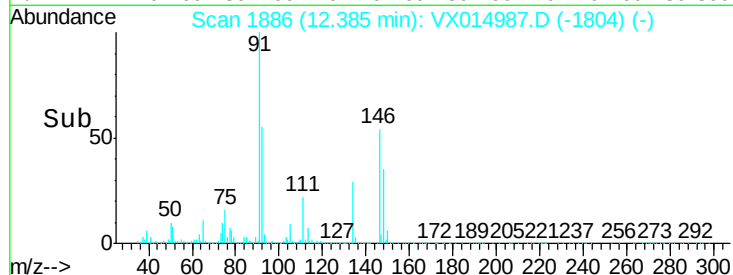
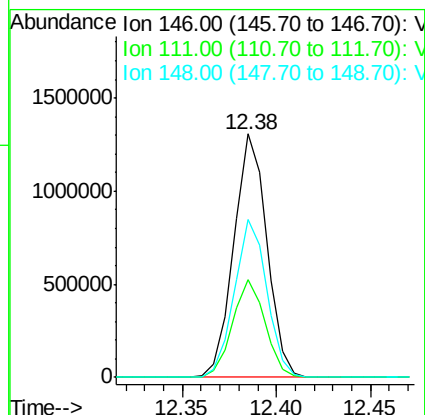
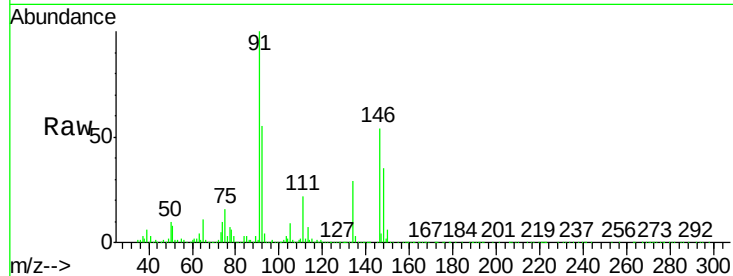
ClientSampleId :

VSTDIC150

Tot Ion:	146	Resp:	1591575
Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.1
148	63.9	32.0	96.0

Manual Integrations
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#88

1,2-Dibromo-3-Chloropropane

Concen: 160.106 ug/l

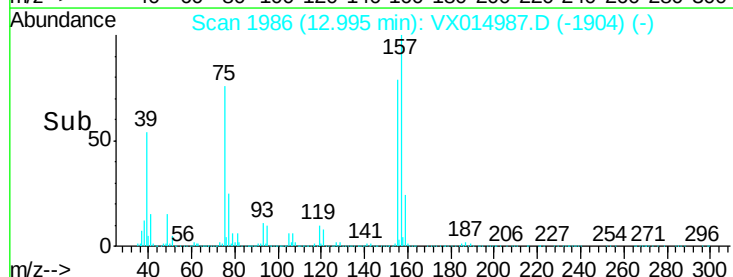
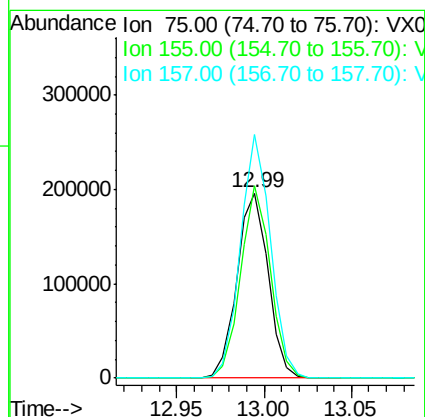
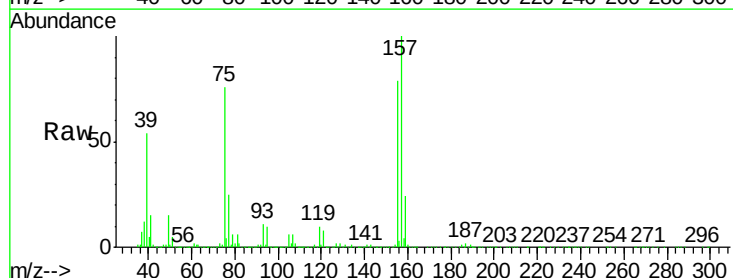
RT: 12.99 min Scan# 1886

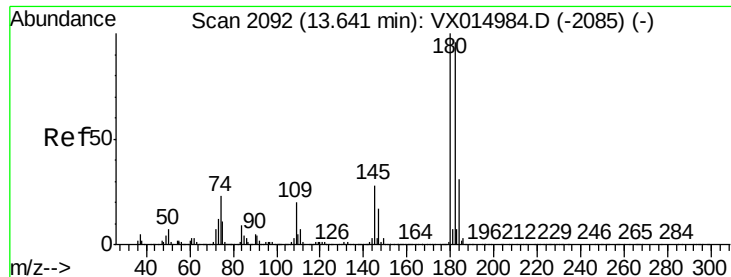
Delta R.T. 0.00 min

Lab File: VX014987.D

Acq: 21 Feb 2020 10:44

Tgt Ion:	75	Resp:	243225
Ion	Ratio	Lower	Upper
75	100		
155	99.2	74.5	111.7
157	126.4	96.2	144.4





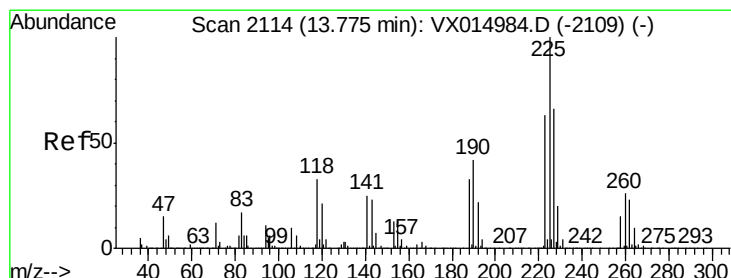
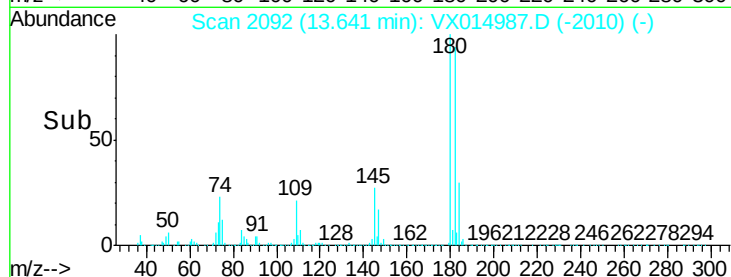
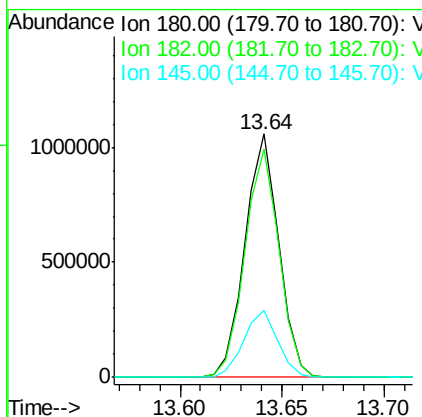
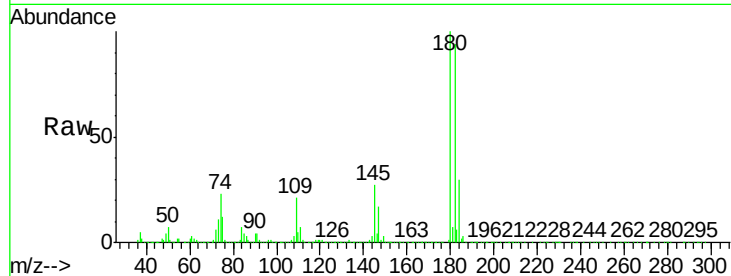
#89
 1,2,4-Trichlorobenzene
 Concen: 182.759 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	76.4	114.6
145	27.6	21.8	32.6

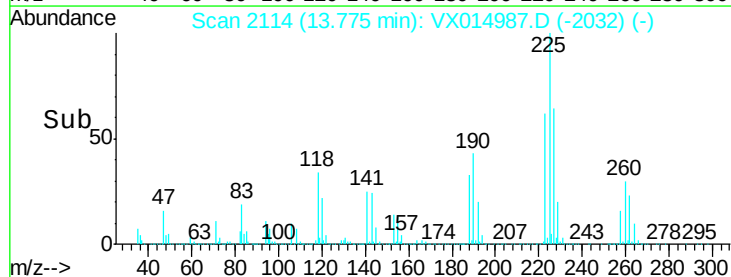
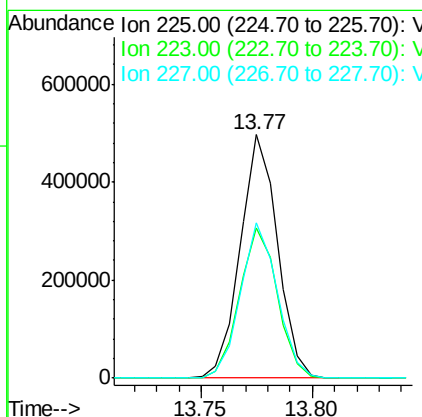
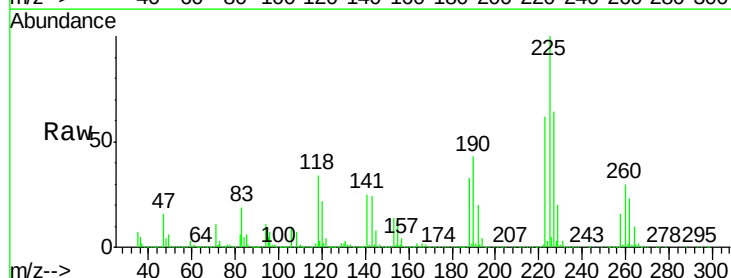
Manual Integrations
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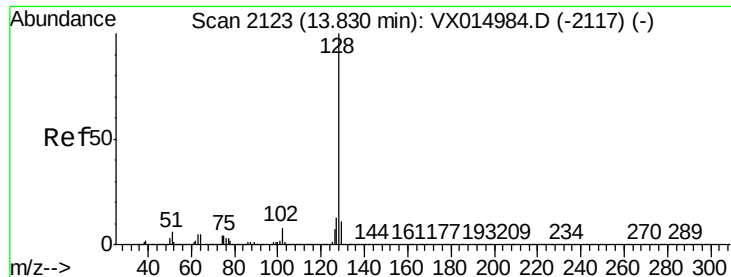
MMDadoda
 2/24/2020 11:29:04 AM



#90
 Hexachlorobutadiene
 Concen: 174.662 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014987.D
 Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	0.0	132.0
227	63.1	0.0	131.0





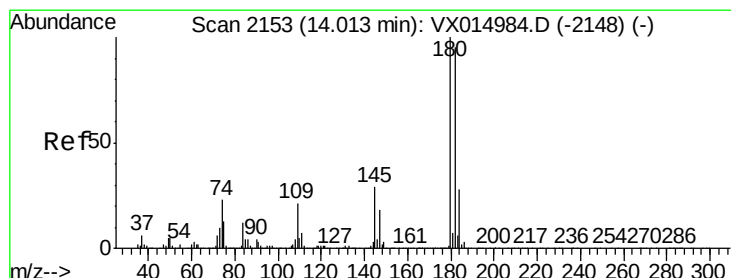
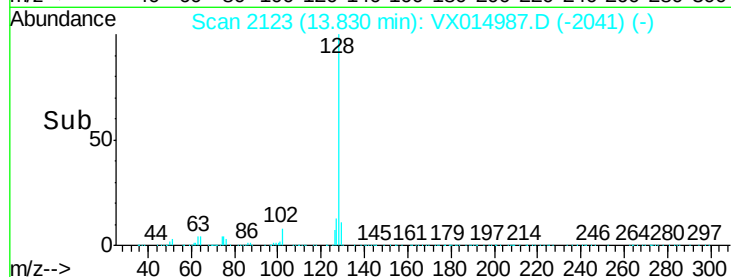
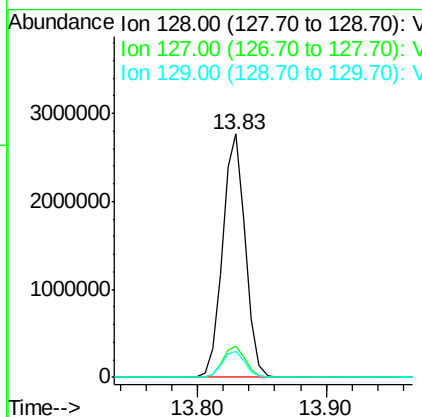
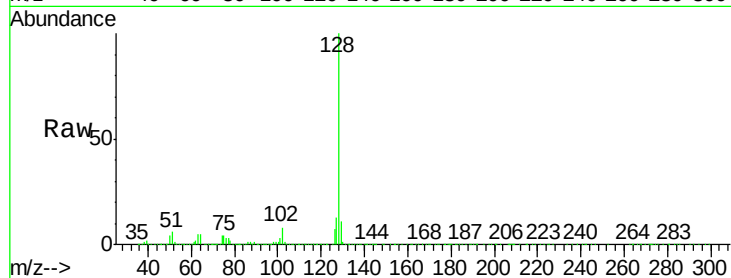
#91
Naphthalene
Concen: 172.134 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.2	15.4
129	11.0	8.6	13.0

Manual Integrations
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2/24/2020 11:29:04 AM



#92
1,2,3-Trichlorobenzene
Concen: 173.283 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014987.D
Acq: 21 Feb 2020 10:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	0.0	192.4
145	30.0	0.0	60.4

