

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022120\
 Data File : VX014984.D
 Acq On : 21 Feb 2020 09:37
 Operator : JC/SP
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Manual Integrations
 APPROVED

MMDadoda
 2/24/2020 11:28:49 AM

Quant Time: Feb 22 00:31:02 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	78187	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	429504	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	384858	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.05	65	164332	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	180361	29.40	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.00%
63) Toluene-d8	8.71	98	513787	29.73	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.10%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	64183	12.947	ug/l 100
3) Chloromethane	1.32	50	84029	15.073	ug/l 100
4) Vinyl Chloride	1.41	62	89511	14.390	ug/l 100
5) Bromomethane	1.64	94	60549	14.902	ug/l 100
6) Chloroethane	1.73	64	61810	17.120	ug/l 100
7) Trichlorofluoromethane	1.93	101	131944	18.120	ug/l 100
8) Diethyl Ether	2.18	74	55304	17.475	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	77026	18.156	ug/l 100
10) 1,1-Dichloroethene	2.37	96	75909	17.760	ug/l 100
11) Methyl Iodide	2.51	142	85456	15.272	ug/l 100
12) Methyl Acetate	2.76	43	94654	13.067	ug/l 100
13) Acrolein	2.28	56	93145	109.517	ug/l 100
14) Acrylonitrile	3.13	53	212075	82.279	ug/l 100
15) Acetone	2.43	58	84238	95.511	ug/l 100
16) Carbon Disulfide	2.57	76	199171	17.065	ug/l 100
17) Allyl chloride	2.72	41	130514	16.687	ug/l 100
18) Methylene Chloride	2.85	84	89869	18.020	ug/l 100
19) trans-1,2-Dichloroethene	3.16	96	83914	18.169	ug/l 100
20) Diisopropyl ether	3.84	45	277910	17.819	ug/l 100
21) 1,1-Dichloroethane	3.69	63	148477	17.559	ug/l 100
22) cis-1,2-Dichloroethene	4.59	96	97977	18.385	ug/l 100
23) tert-Butyl Alcohol	3.02	59	83515	78.234	ug/l 100
24) Methyl tert-Butyl Ether	3.18	73	253534	17.854	ug/l 100
25) Chloroform	5.20	83	151970	18.351	ug/l 100
26) Cyclohexane	5.58	56	133373	17.151	ug/l 100
29) 1,1-Dichloropropene	5.79	75	111826	18.004	ug/l 100
30) 2-Butanone	4.65	43	339762	87.647	ug/l 100
31) 2,2-Dichloropropane	4.58	77	122820	18.354	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	126458	18.285	ug/l 100
33) Carbon Tetrachloride	5.78	117	110831	18.574	ug/l 100
34) Benzene	6.14	78	342141	17.921	ug/l 100
35) Methacrylonitrile	5.03	41	64194	16.660	ug/l 100
36) 1,2-Dichloroethane	6.18	62	121071	18.153	ug/l 100
37) Trichloroethene	7.21	130	93509	17.866	ug/l 100
38) Methylcyclohexane	7.46	83	137037	17.774	ug/l 100
39) 1,2-Dichloropropane	7.51	63	86962	17.548	ug/l 100
40) Dibromomethane	7.65	93	59452	18.420	ug/l 100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	113960	18.045	ug/l	100
42) Vinyl Acetate	3.80	43	1149067	93.897	ug/l	100
43) Ethyl Acetate	4.82	43	118547	16.971	ug/l	100
44) Isopropyl Acetate	6.43	43	194847	17.130	ug/l	100
45) 1,4-Dioxane	7.73	88	36857	329.910	ug/l	100
46) Methyl methacrylate	7.76	41	94791	16.968	ug/l	100
47) n-amyl Acetate	10.89	43	163014	16.923	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	123528	17.921	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	138519	17.874	ug/l	100
50) 1,1,2-Trichloroethane	9.21	97	89349	18.317	ug/l	100
51) Ethyl methacrylate	9.17	69	129552	17.057	ug/l	100
52) 1,3-Dichloropropane	9.37	76	148923	18.020	ug/l	100
53) Dibromochloromethane	9.57	129	92641	18.333	ug/l	100
54) 1,2-Dibromoethane	9.67	107	91882	18.173	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	361160	100.476	ug/l	100
56) Bromoform	10.85	173	71328	18.322	ug/l	100
58) 4-Methyl-2-Pentanone	8.63	43	593085	84.690	ug/l	100
59) 2-Hexanone	9.48	43	472832	86.929	ug/l	100
61) Tetrachloroethene	9.33	164	99266	17.840	ug/l	100
62) Toluene	8.78	91	372520	18.478	ug/l	100
64) Chlorobenzene	10.14	112	235273	18.638	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.21	131	87342	18.717	ug/l	100
66) Ethyl Benzene	10.25	91	406995	18.471	ug/l	100
67) m/p-Xylenes	10.35	106	312632	37.061	ug/l	100
68) o-Xylene	10.70	106	150327	18.313	ug/l	100
69) Styrene	10.71	104	253286	18.194	ug/l	100
70) Isopropylbenzene	11.01	105	403830	18.687	ug/l	100
71) 1,1,2,2-Tetrachloroethane	11.26	83	129821	18.037	ug/l	100
72) 1,2,3-Trichloropropane	11.29	75	108606m	17.243	ug/l	100
73) Bromobenzene	11.25	156	108837	18.938	ug/l	100
74) n-propylbenzene	11.35	91	457699	18.516	ug/l	100
75) 2-Chlorotoluene	11.42	91	274042	18.529	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	337365	18.721	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	39856	16.740	ug/l	100
78) 4-Chlorotoluene	11.51	91	311161	18.509	ug/l	100
79) tert-butylbenzene	11.76	119	321121	18.938	ug/l	100
80) 1,2,4-Trimethylbenzene	11.80	105	335402	18.707	ug/l	100
81) sec-Butylbenzene	11.94	105	388571	18.574	ug/l	100
82) p-Isopropyltoluene	12.06	119	360442	18.851	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	186124	18.584	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	189366	18.903	ug/l	100
85) n-Butylbenzene	12.38	91	300881	17.978	ug/l	100
86) Hexachloroethane	12.59	117	60621	17.748	ug/l	100
87) 1,2-Dichlorobenzene	12.38	146	187076	18.536	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	27268	17.689	ug/l	100
89) 1,2,4-Trichlorobenzene	13.64	180	129693	19.157	ug/l	100
90) Hexachlorobutadiene	13.77	225	64770	19.191	ug/l	100
91) Naphthalene	13.83	128	379938	18.792	ug/l	100
92) 1,2,3-Trichlorobenzene	14.01	180	130723	19.040	ug/l	100

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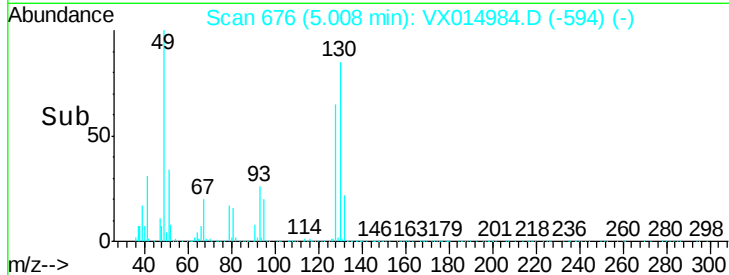
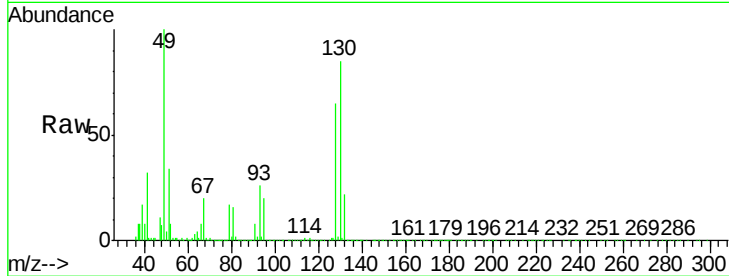
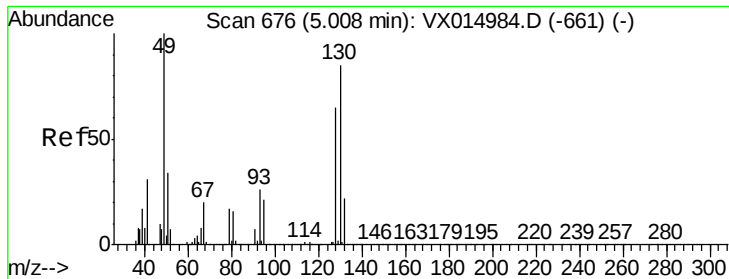
Manual Integrations
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Response via : Initial Calibration

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: VX014984.D

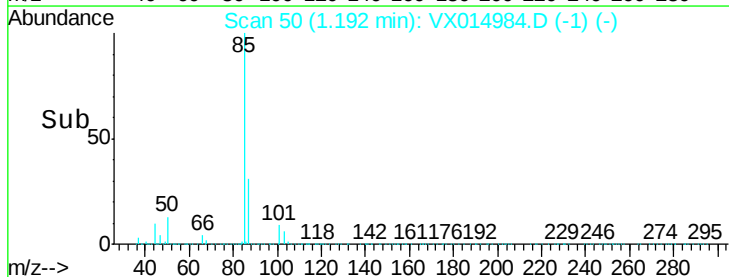
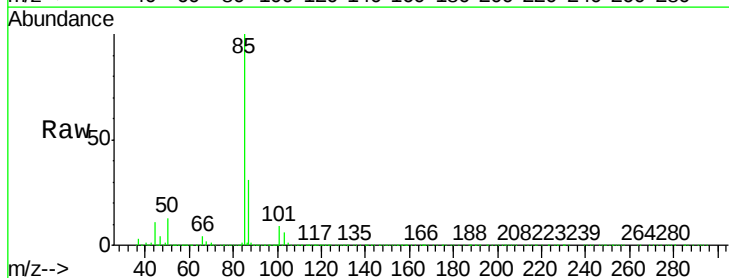
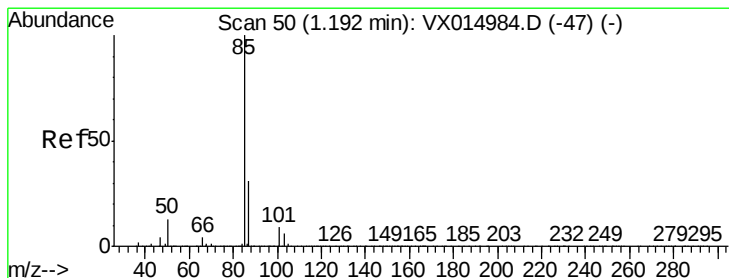
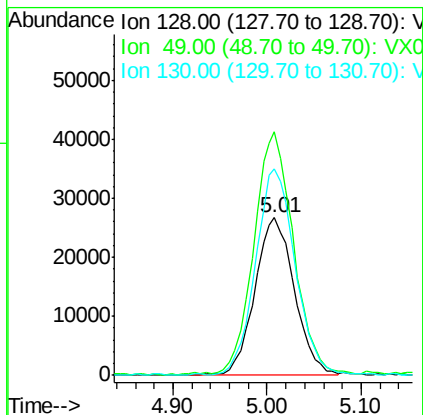
Acq: 21 Feb 2020 09:37

Tot Ion:	128	Resp:	78187
Ion	Ratio	Lower	Upper
128	100		
49	153.9	0.0	384.7
130	132.3	0.0	330.8

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#2

Dichlorodifluoromethane

Concen: 12.947 ug/l

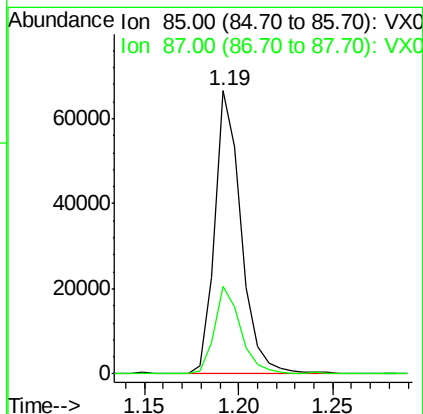
RT: 1.19 min Scan# 50

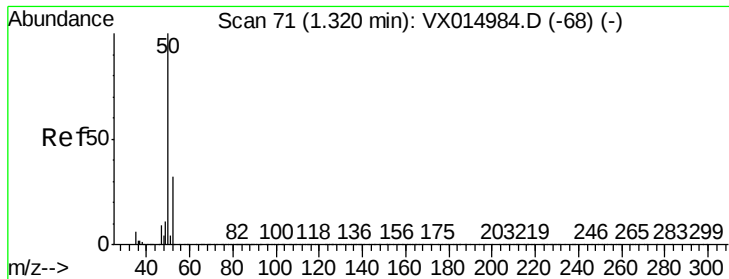
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	85	Resp:	64183
Ion	Ratio	Lower	Upper
85	100		
87	30.6	15.3	45.9





#3

Chloromethane

Concen: 15.073 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 50 Resp: 84029

Ion Ratio Lower Upper

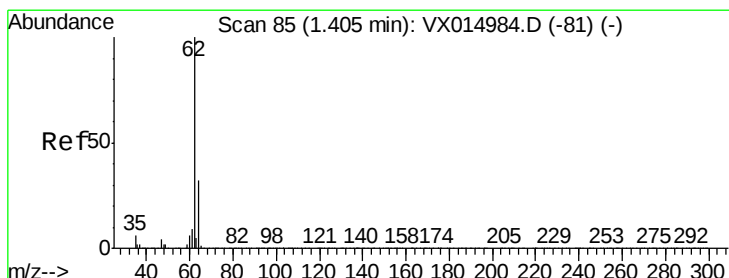
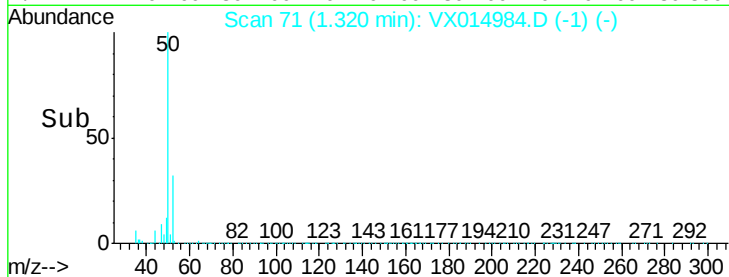
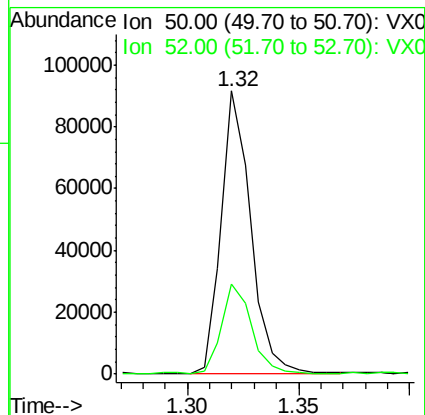
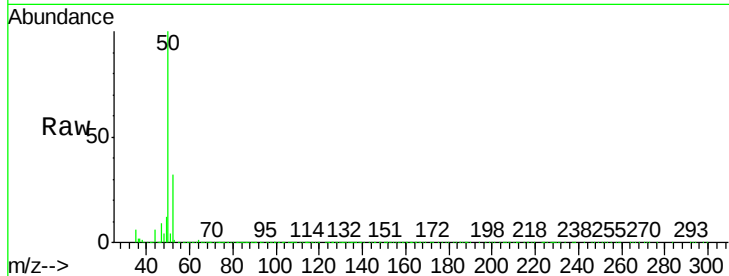
50 100

52 31.7 25.4 38.0

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#4

Vinyl Chloride

Concen: 14.390 ug/l

RT: 1.41 min Scan# 85

Delta R.T. 0.00 min

Lab File: VX014984.D

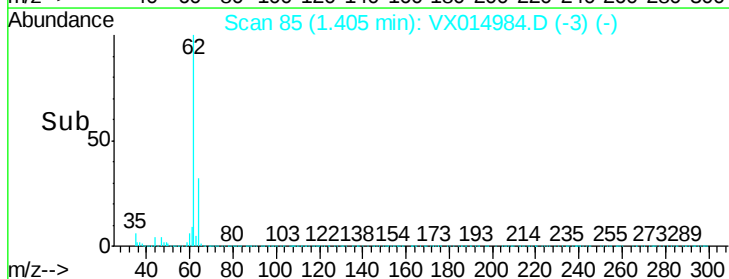
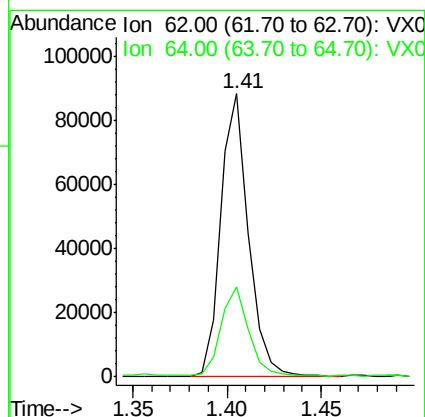
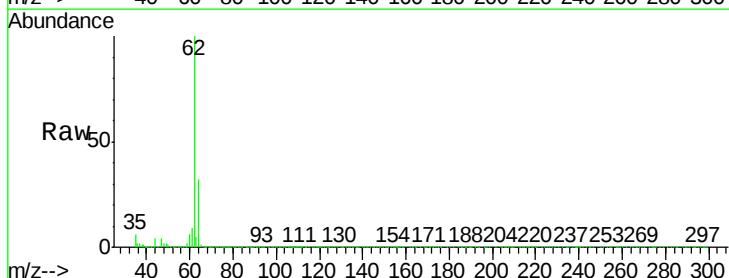
Acq: 21 Feb 2020 09:37

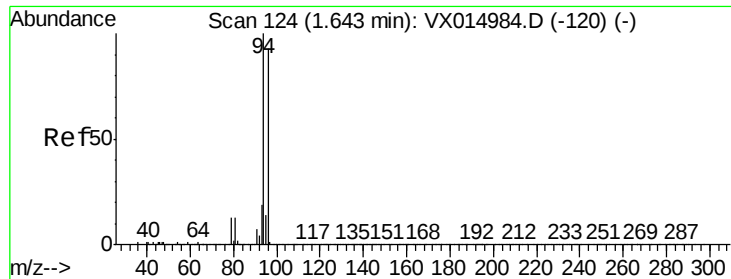
Tgt Ion: 62 Resp: 89511

Ion Ratio Lower Upper

62 100

64 31.7 25.4 38.0





#5

Bromomethane

Concen: 14.902 ug/l

RT: 1.64 min Scan# 124

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 94 Resp: 60549

Ion Ratio Lower Upper

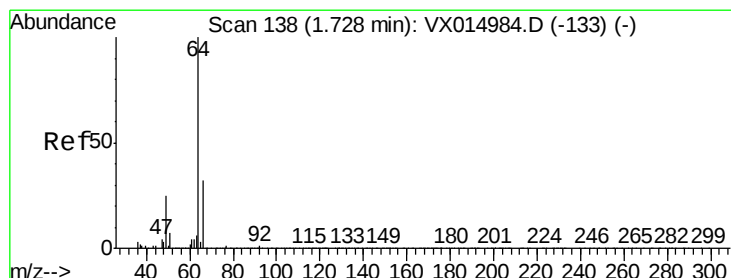
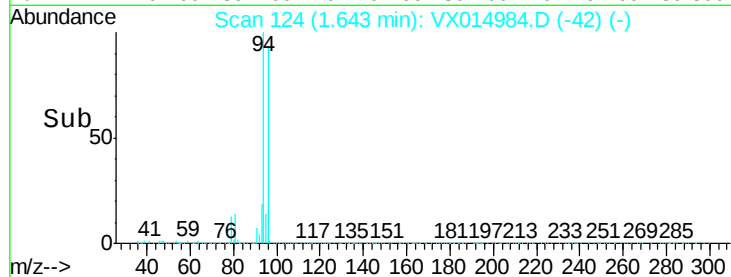
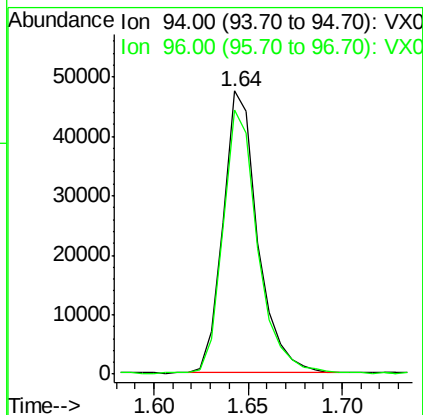
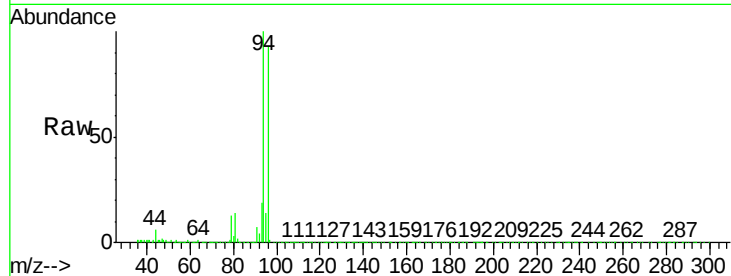
94 100

96 93.3 74.6 112.0

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#6

Chloroethane

Concen: 17.120 ug/l

RT: 1.73 min Scan# 138

Delta R.T. 0.00 min

Lab File: VX014984.D

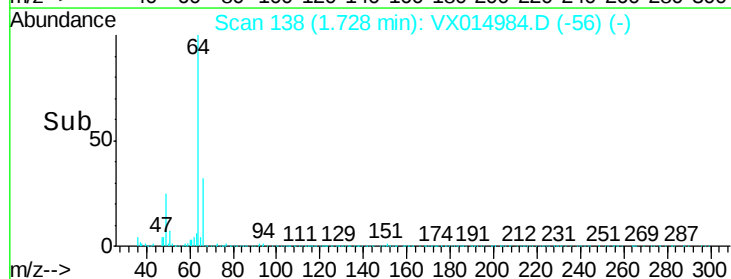
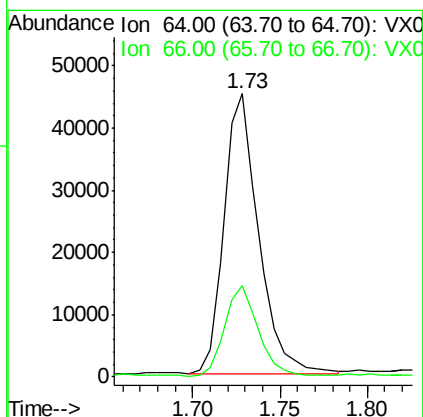
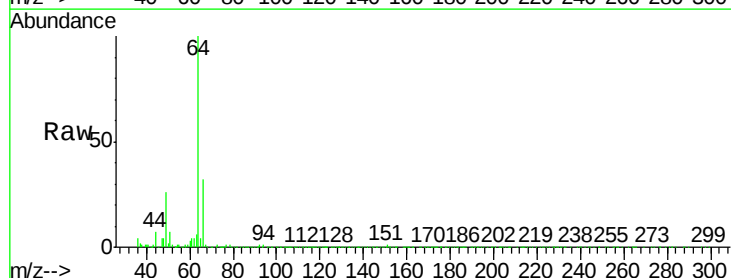
Acq: 21 Feb 2020 09:37

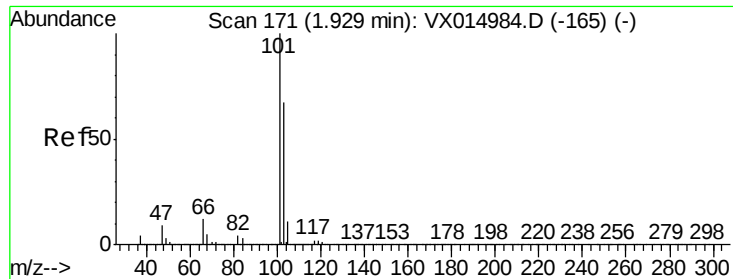
Tgt Ion: 64 Resp: 61810

Ion Ratio Lower Upper

64 100

66 32.2 25.8 38.6





#7

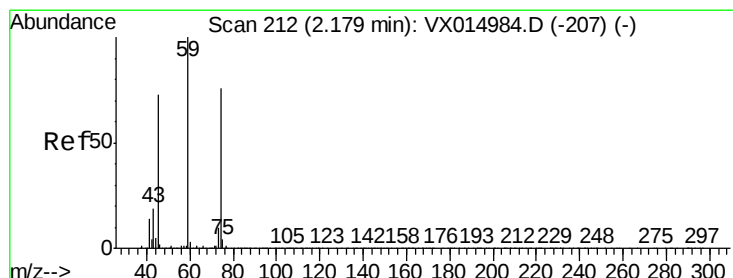
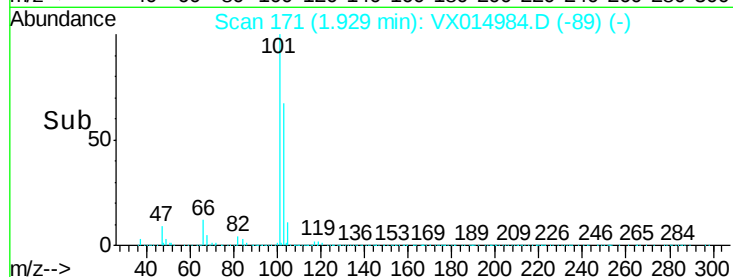
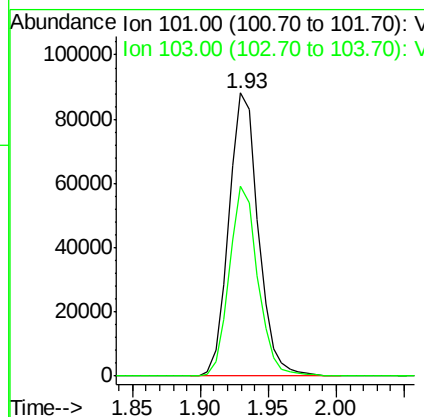
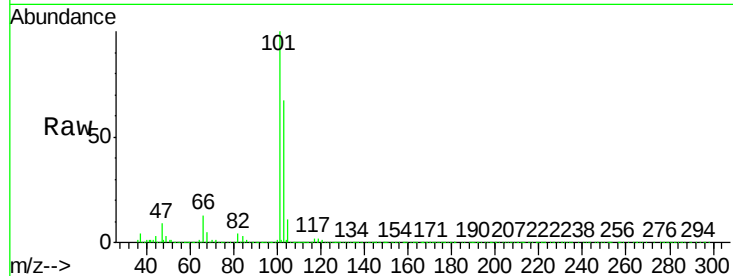
Trichlorofluoromethane
Concen: 18.120 ug/l
RT: 1.93 min Scan# 171
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

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VSTDICCC020

Tot Ion	Ion	Ratio	Lower	Upper
101	100			
103	66.8	53.4	80.2	

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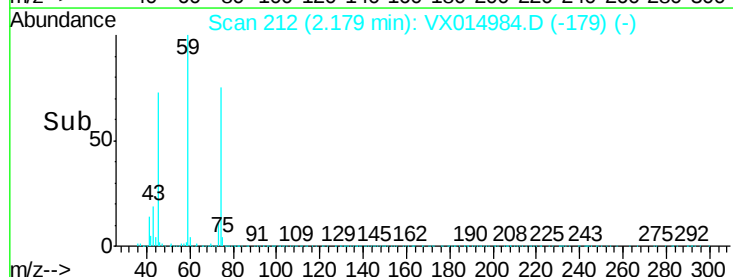
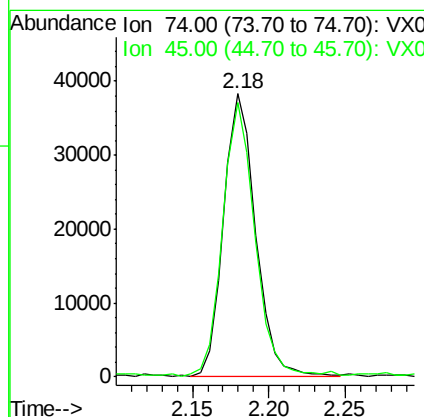
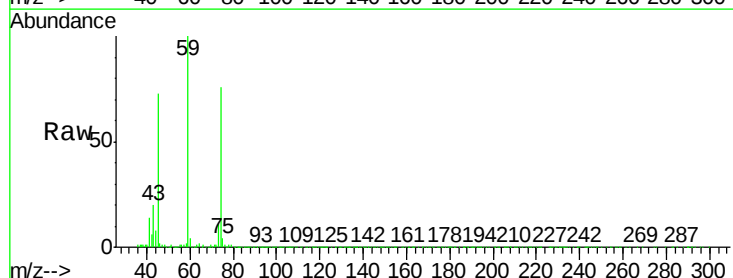
MMDadoda
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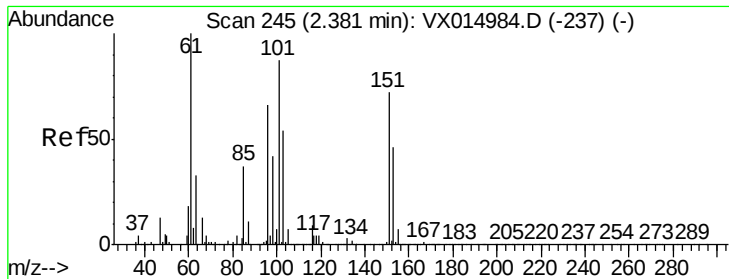


#8

Diethyl Ether
Concen: 17.475 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ion	Ratio	Lower	Upper
74	100			
45	98.4	19.6	176.8	





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.156 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

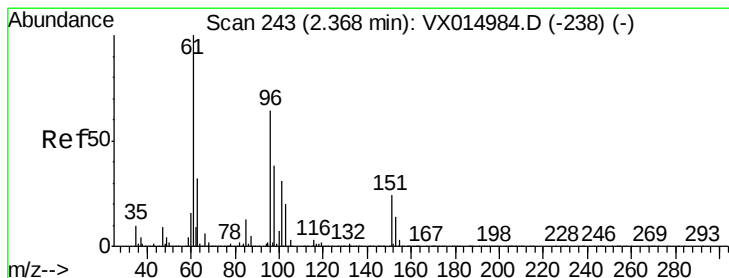
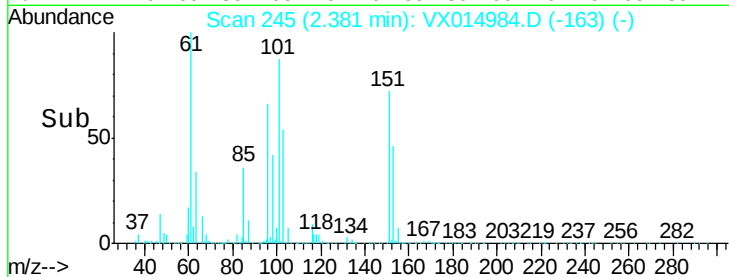
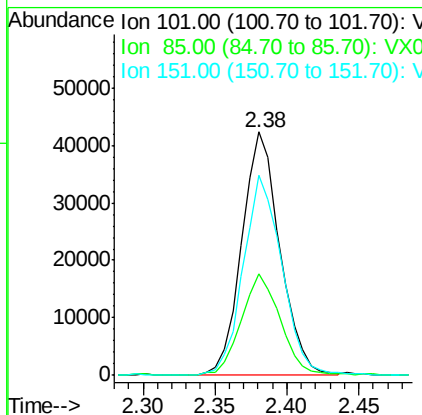
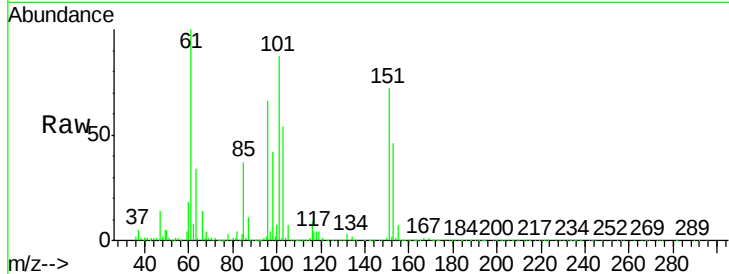
ClientSampled :

VSTDICCC020

Tot Ion:	101	Resp:	77026
Ion Ratio	Lower	Upper	
101	100		
85	43.3	0.0	86.6
151	83.8	0.0	167.4

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2/24/2020 11:28:49 AM



#10

1,1-Dichloroethene

Concen: 17.760 ug/l

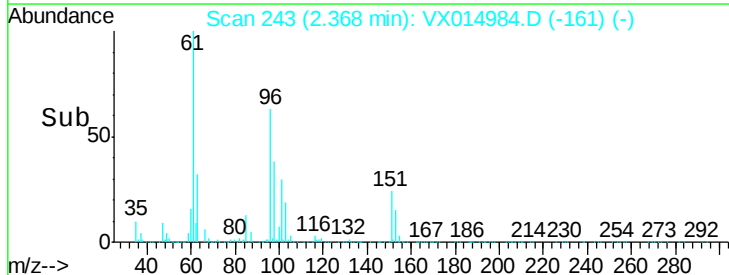
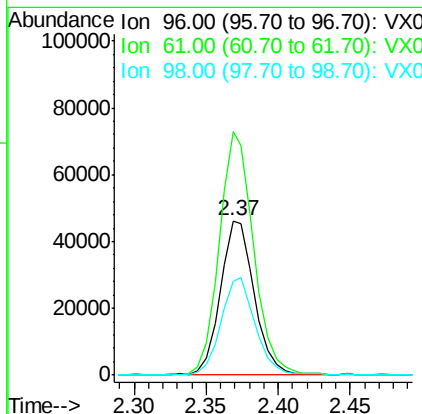
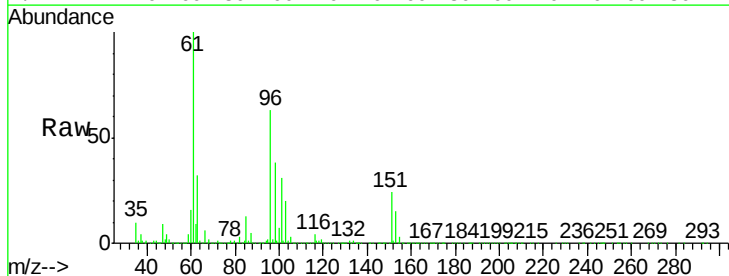
RT: 2.37 min Scan# 243

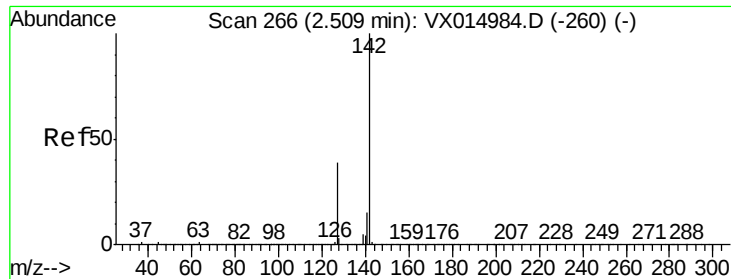
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	96	Resp:	75909
Ion Ratio	Lower	Upper	
96	100		
61	157.6	126.1	189.1
98	60.2	48.2	72.2





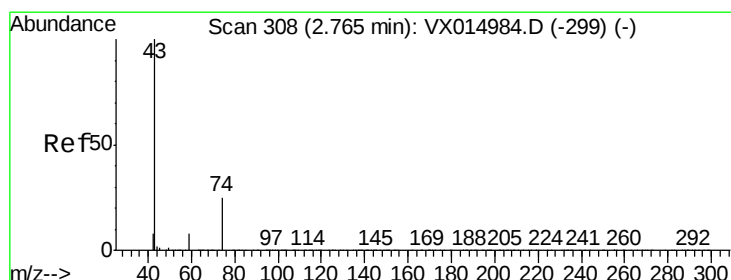
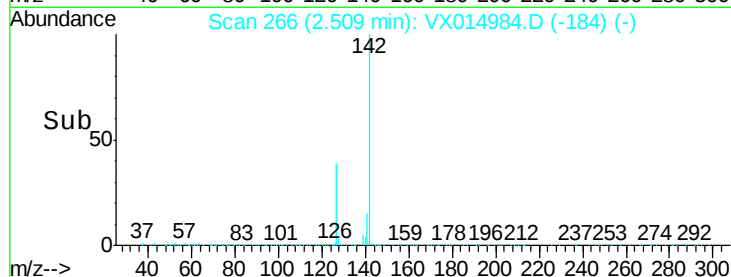
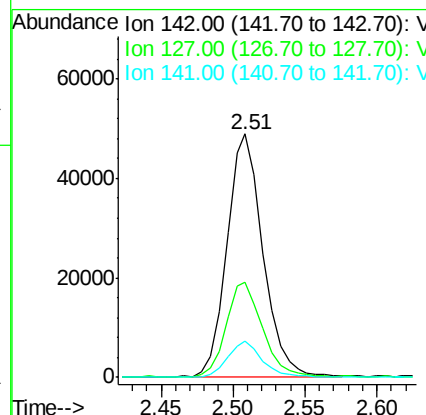
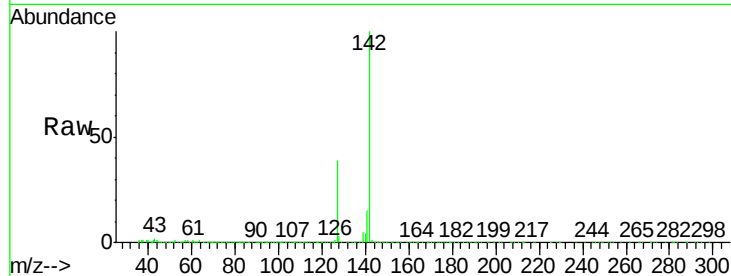
#11
Methvl Iodide
Concen: 15.272 ug/l
RT: 2.51 min Scan# 266
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
142	100		
127	39.3	19.7	59.0
141	14.8	7.4	22.2

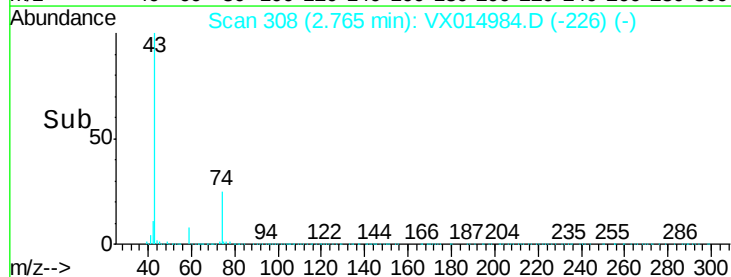
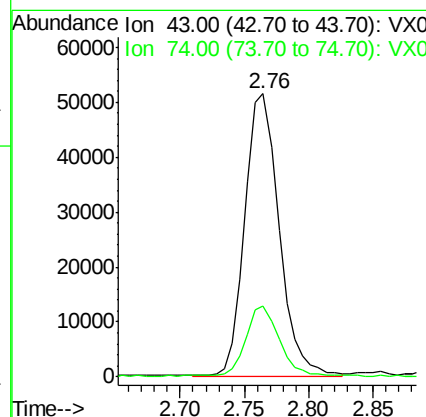
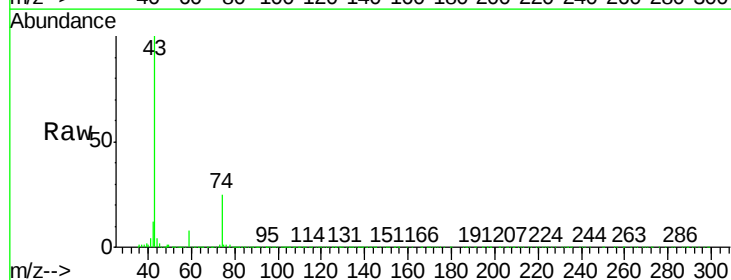
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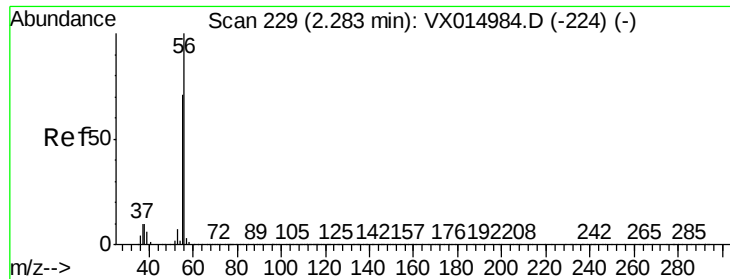
MMDadoda
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#12
Methyl Acetate
Concen: 13.067 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.8	19.8	29.8





#13

Acrolein

Concen: 109.517 ug/l

RT: 2.28 min Scan# 229

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 56 Resp: 93145

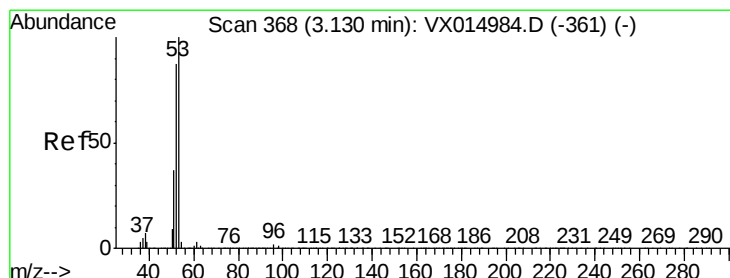
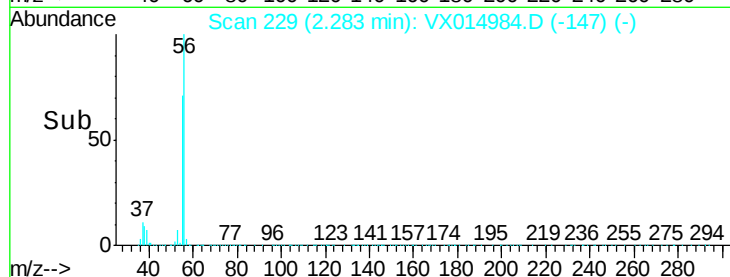
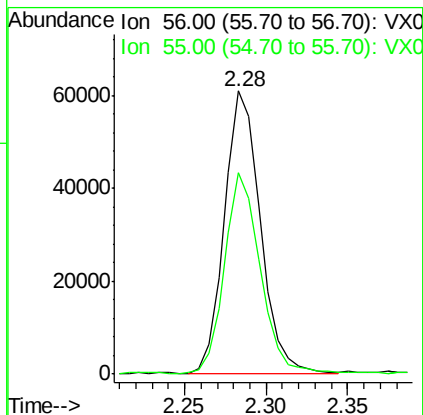
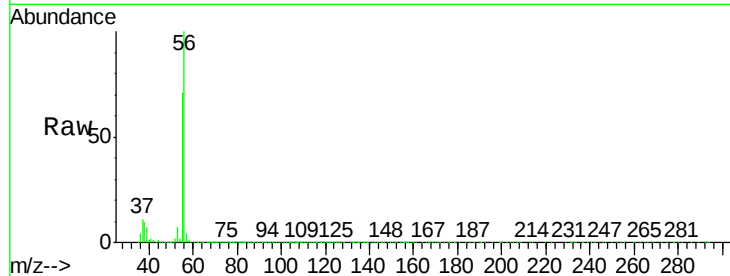
Ion Ratio Lower Upper

56 100

55 70.2 56.2 84.2

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#14

Acrylonitrile

Concen: 82.279 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

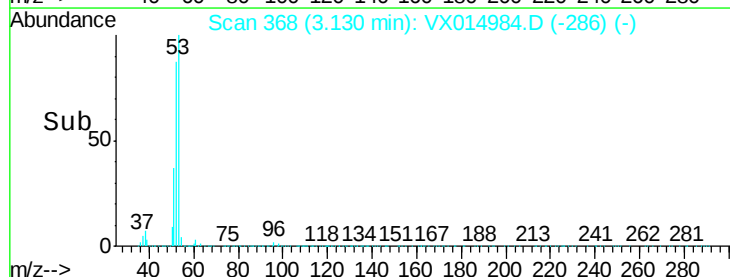
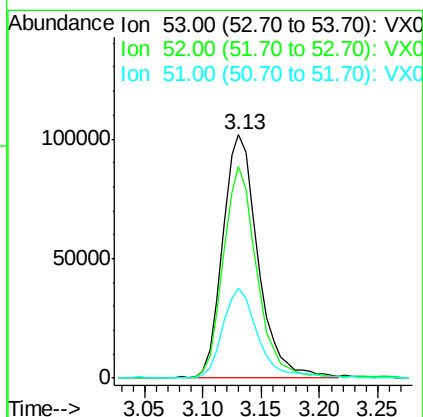
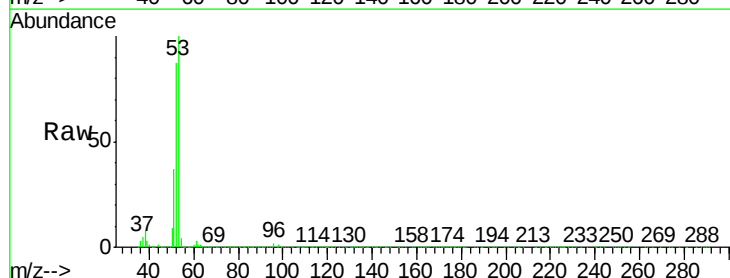
Tgt Ion: 53 Resp: 212075

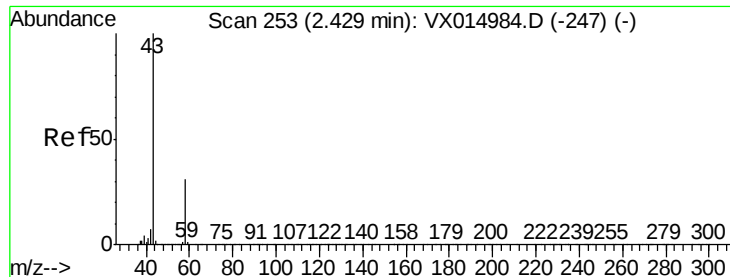
Ion Ratio Lower Upper

53 100

52 83.1 41.5 124.6

51 36.3 18.1 54.4





#15

Acetone

Concen: 95.511 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tot Ion: 58 Resp: 84238

Ion Ratio Lower Upper

58 100

43 322.1 257.7 386.5

Instrument :

MSVOA_X

ClientSampleId :

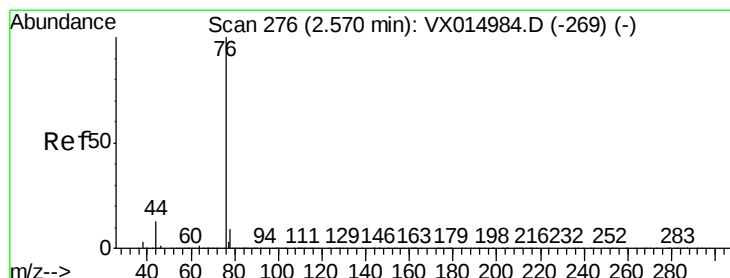
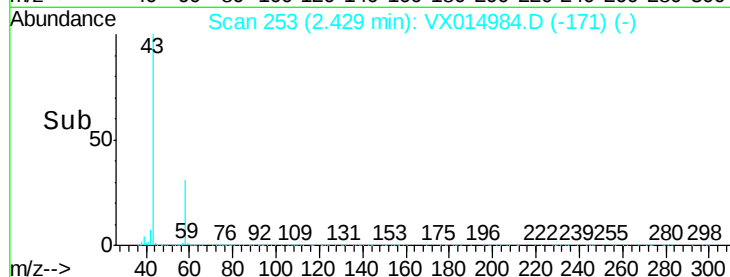
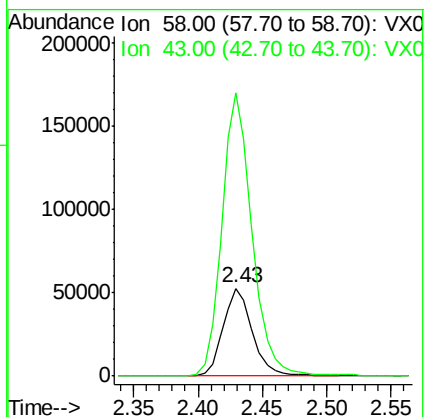
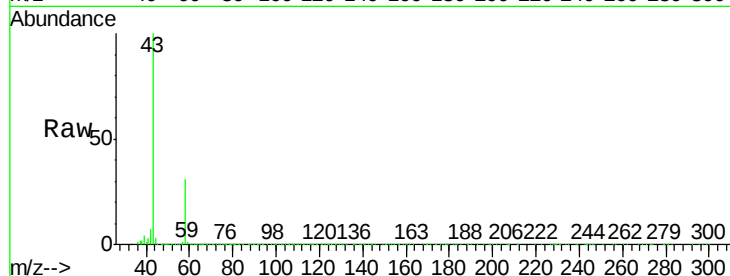
VSTDICCC020

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#16

Carbon Disulfide

Concen: 17.065 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.00 min

Lab File: VX014984.D

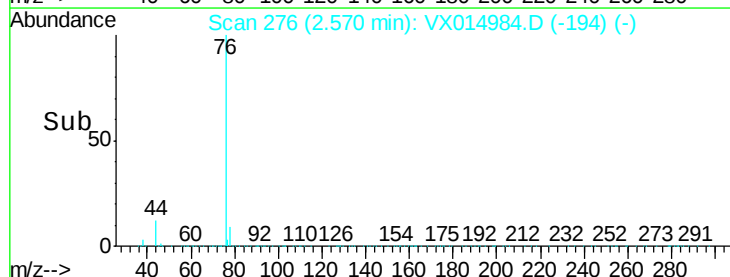
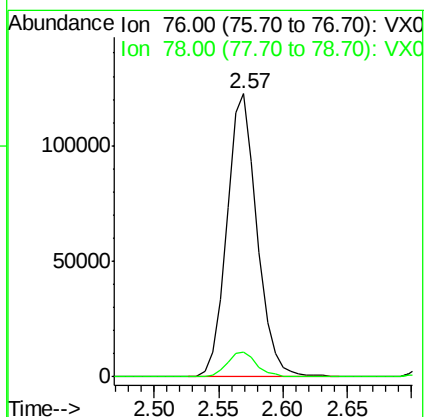
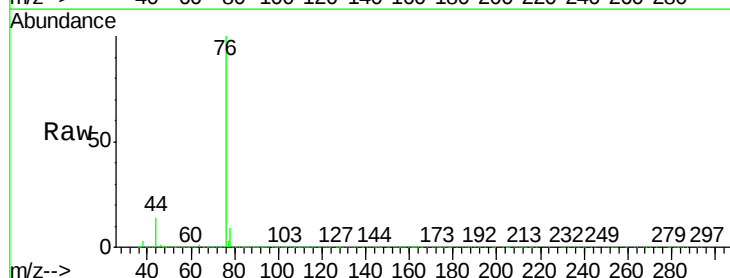
Acq: 21 Feb 2020 09:37

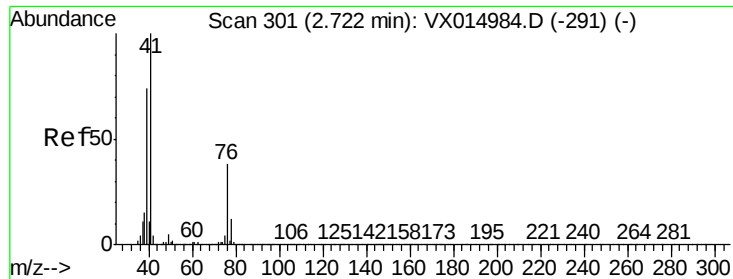
Tgt Ion: 76 Resp: 199171

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7





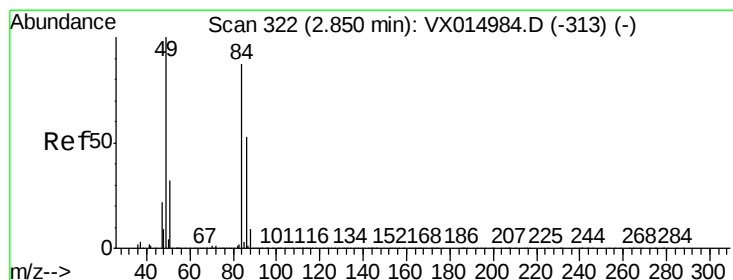
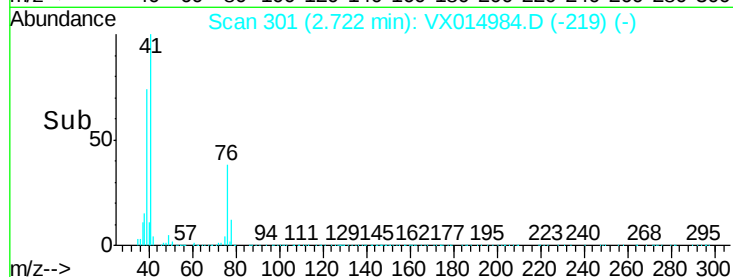
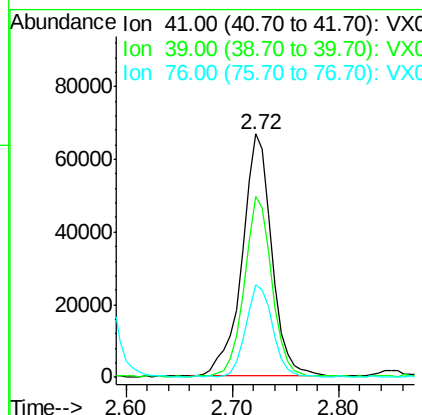
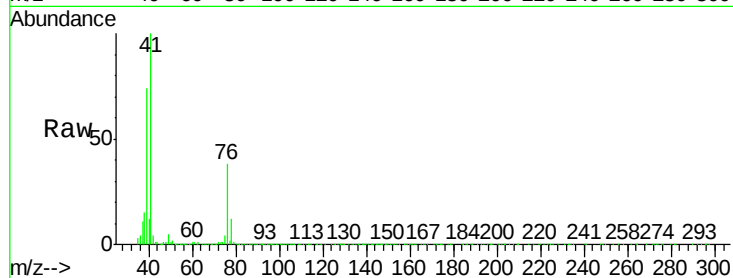
#17
Allvl chloride
Concen: 16.687 ug/l
RT: 2.72 min Scan# 301
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
41	100		
39	74.3	37.1	111.5
76	37.6	18.8	56.4

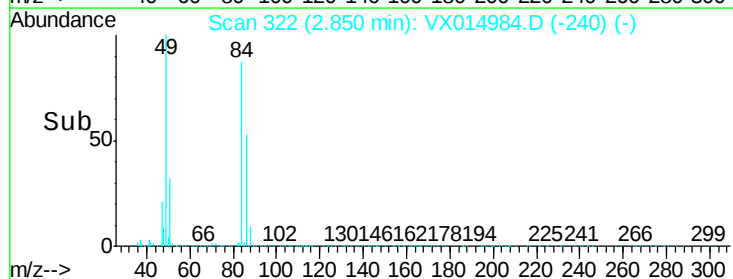
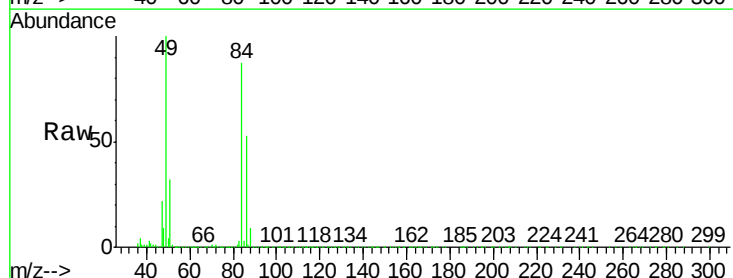
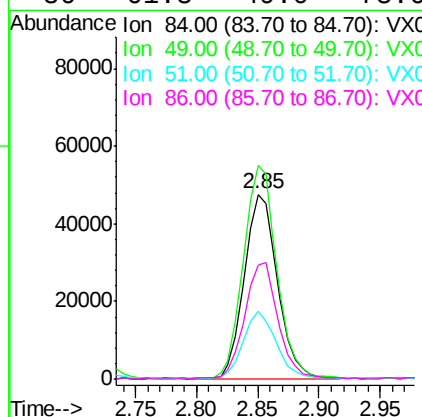
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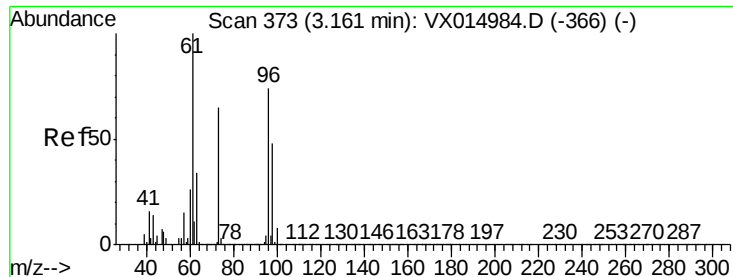
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#18
Methylene Chloride
Concen: 18.020 ug/l
RT: 2.85 min Scan# 322
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
84	100		
49	115.2	92.2	138.2
51	37.1	29.7	44.5
86	61.3	49.0	73.6





#19

trans-1,2-Dichloroethene

Concen: 18.169 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

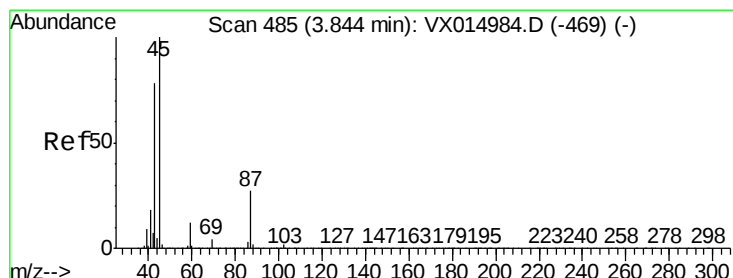
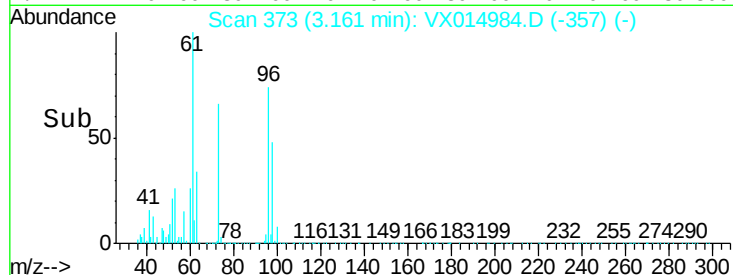
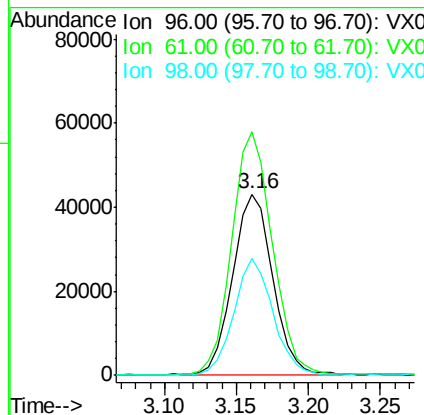
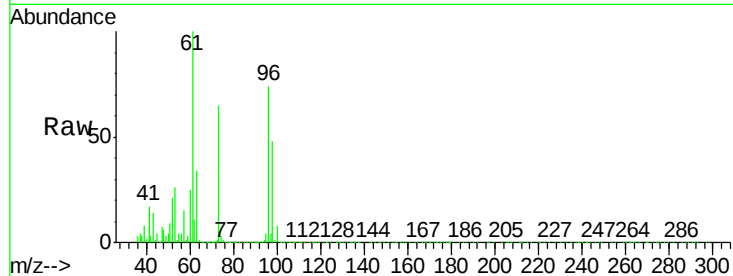
ClientSampleId :

VSTDICCC020

Tot Ion:	96	Resp:	83914
Ion	Ratio	Lower	Upper
96	100		
61	133.9	107.1	160.7
98	64.3	51.4	77.2

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#20

Diisopropyl ether

Concen: 17.819 ug/l

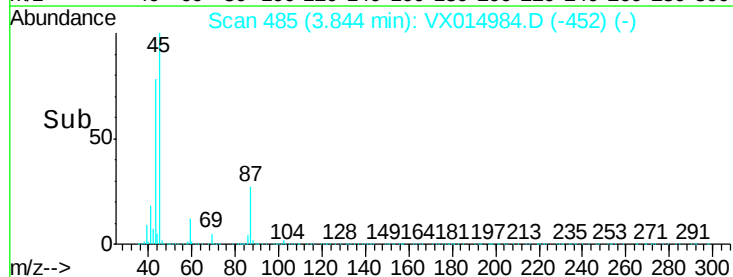
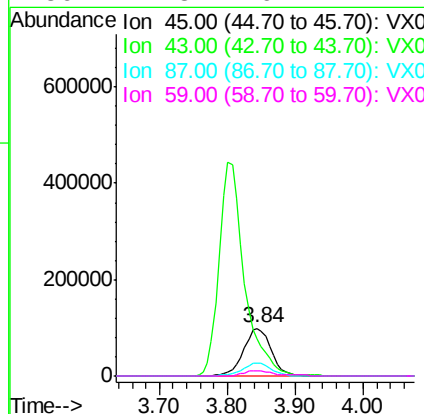
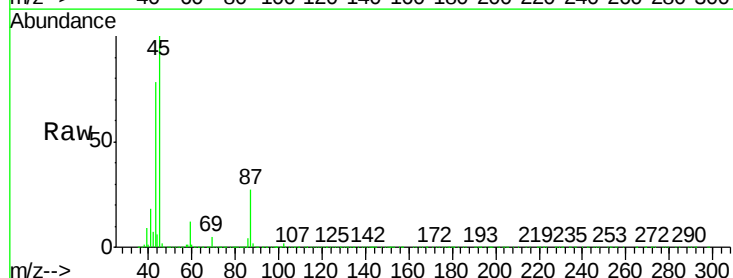
RT: 3.84 min Scan# 485

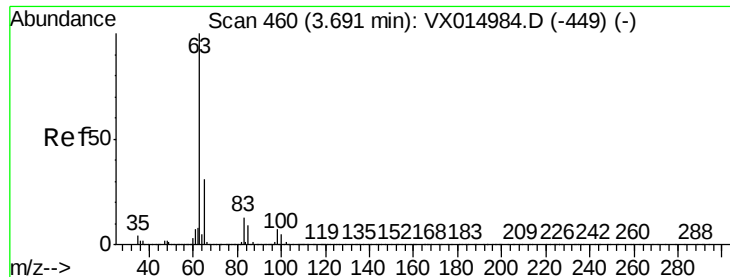
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	45	Resp:	277910
Ion	Ratio	Lower	Upper
45	100		
43	77.9	62.3	93.5
87	27.2	21.8	32.6
59	11.8	9.4	14.2





#21

1,1-Dichloroethane

Concen: 17.559 ug/l

RT: 3.69 min Scan# 460

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

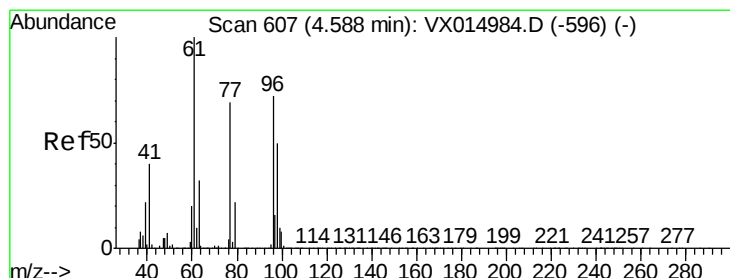
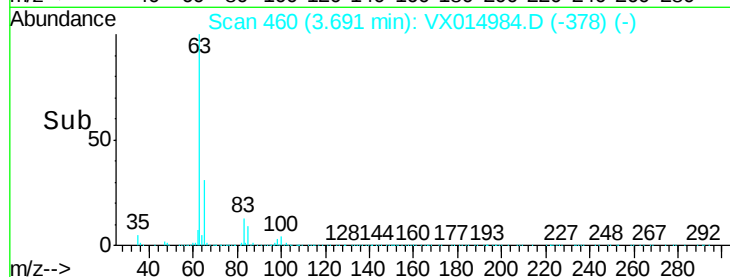
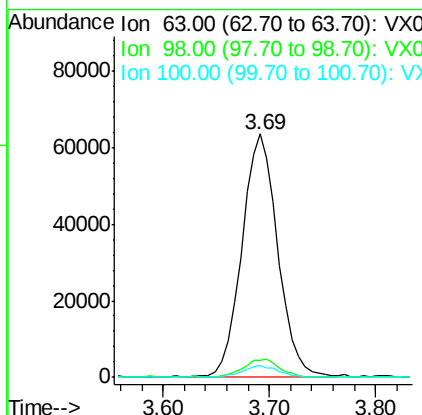
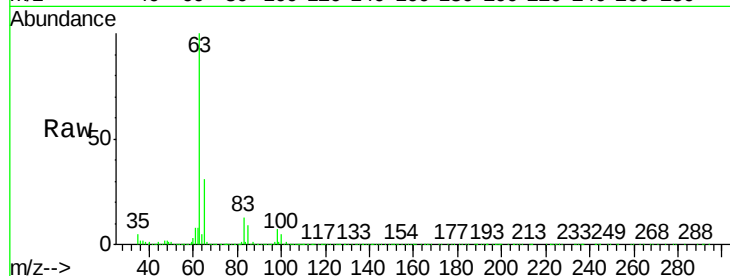
ClientSampleId :

VSTDICCC020

Tot Ion:	63	Resp:	148477
Ion Ratio	Lower	Upper	
63	100		
98	7.0	3.5	10.5
100	5.0	2.5	7.5

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#22

cis-1,2-Dichloroethene

Concen: 18.385 ug/l

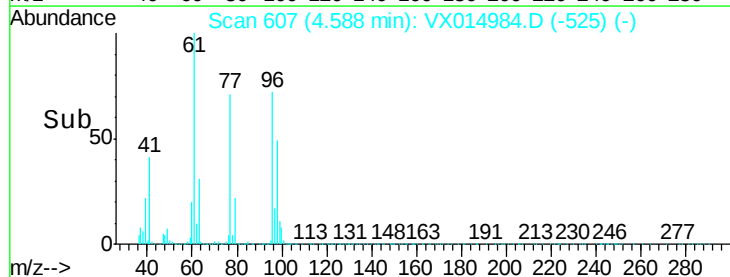
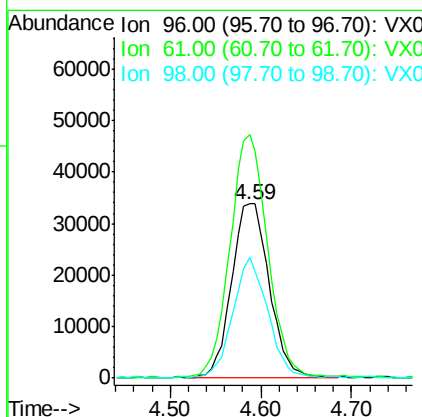
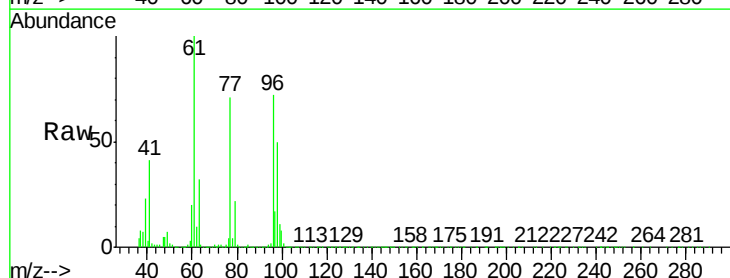
RT: 4.59 min Scan# 607

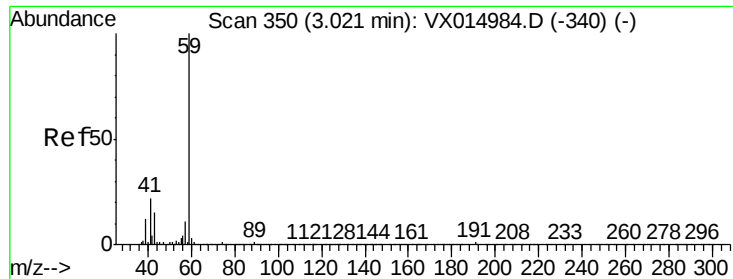
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	96	Resp:	97977
Ion Ratio	Lower	Upper	
96	100		
61	138.2	110.6	165.8
98	63.0	50.4	75.6





#23

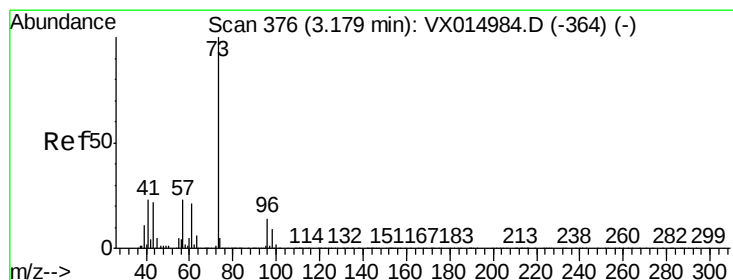
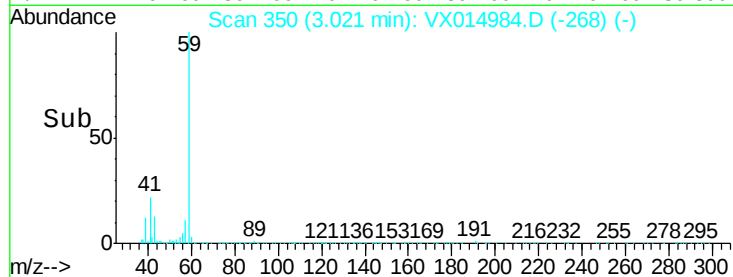
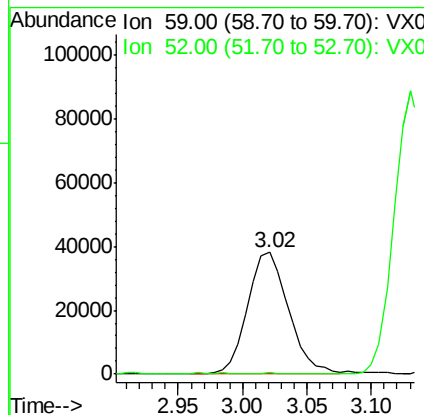
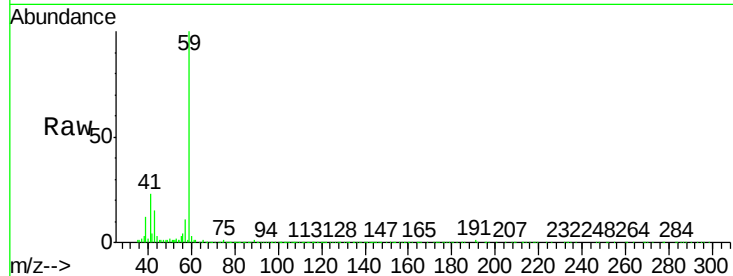
tert-Butyl Alcohol
Concen: 78.234 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.5	0.4	0.6

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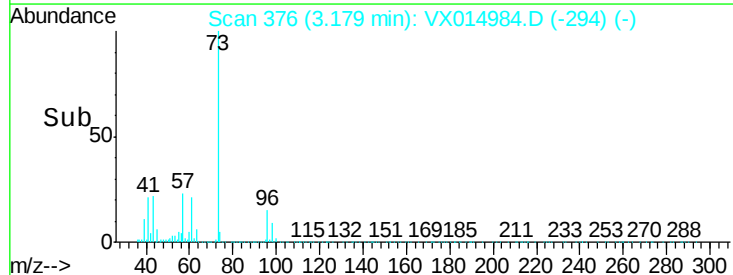
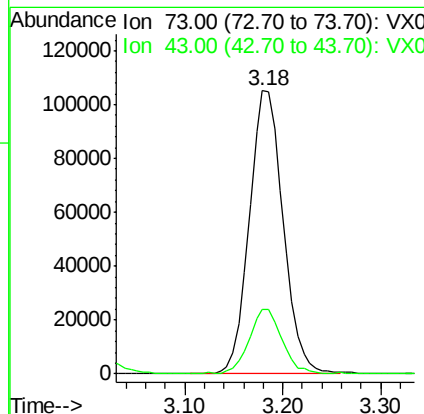
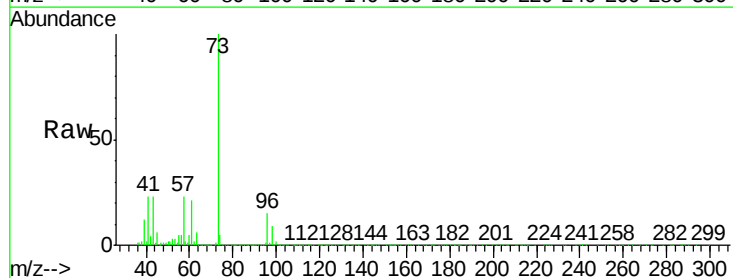
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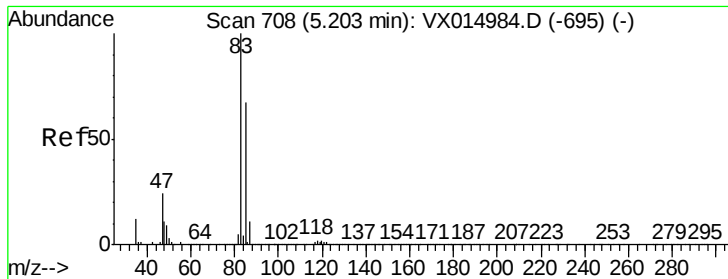


#24

Methyl tert-Butyl Ether
Concen: 17.854 ug/l
RT: 3.18 min Scan# 376
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
73	100		
43	22.1	17.7	26.5





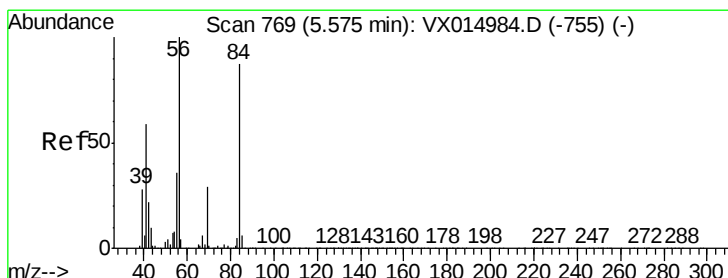
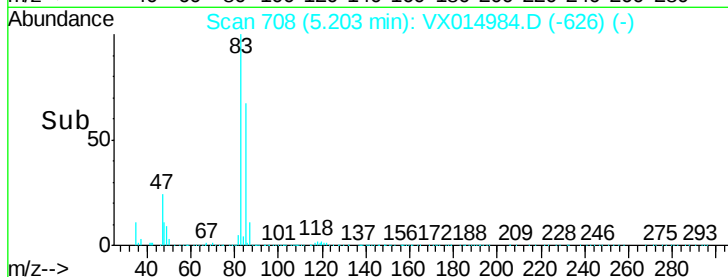
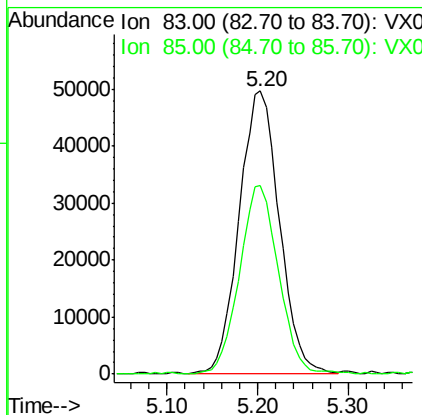
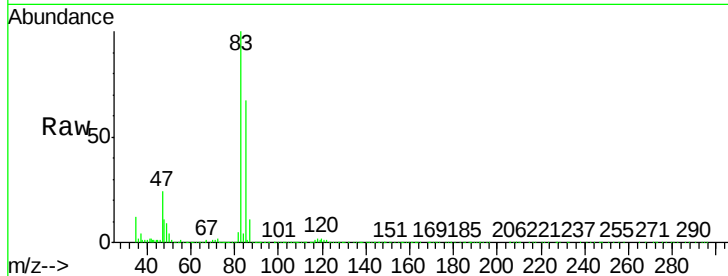
#25
Chloroform
Concen: 18.351 ug/l
RT: 5.20 min Scan# 708
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	83	Resp	151970
Ion Ratio	Lower	Upper	
83	100		
85	66.7	53.4	80.0

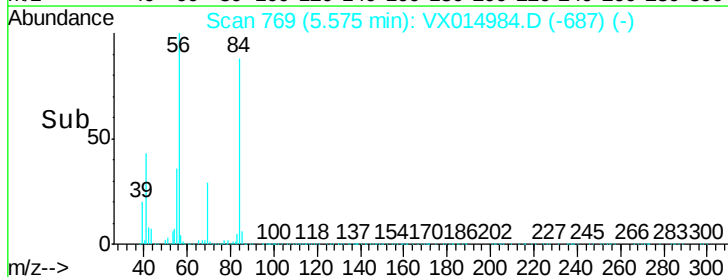
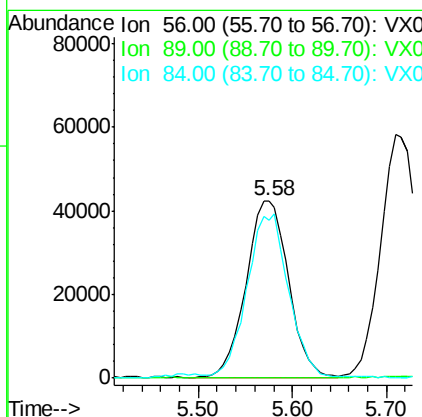
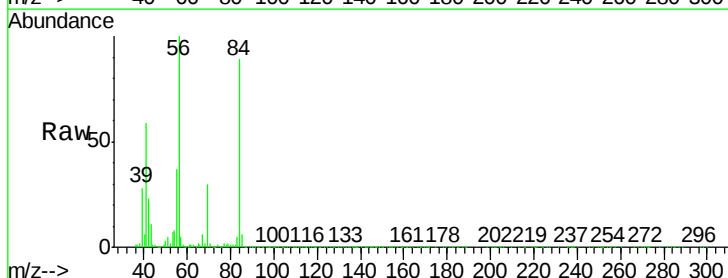
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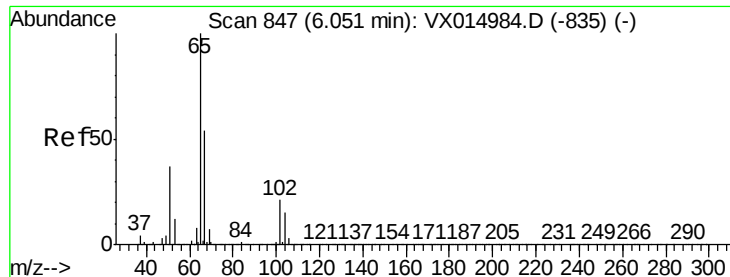
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#26
Cyclohexane
Concen: 17.151 ug/l
RT: 5.58 min Scan# 769
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	56	Resp	133373
Ion Ratio	Lower	Upper	
56	100		
89	0.2	0.2	0.2
84	89.8	71.8	107.8





#27

1,2-Dichloroethane-d4

Concen: 29.864 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 65 Resp: 164332

Ion Ratio Lower Upper

65 100

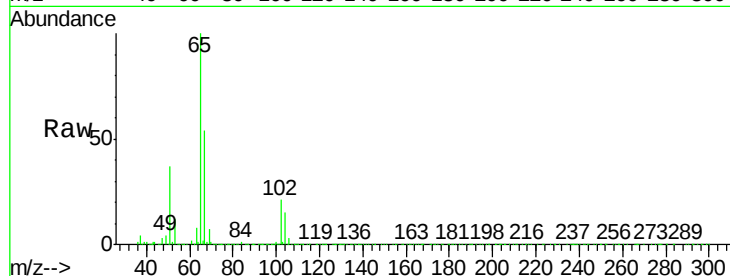
67 52.5 41.9 62.9

Manual Integrations

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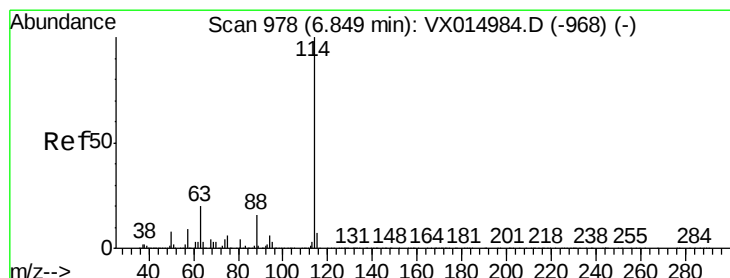
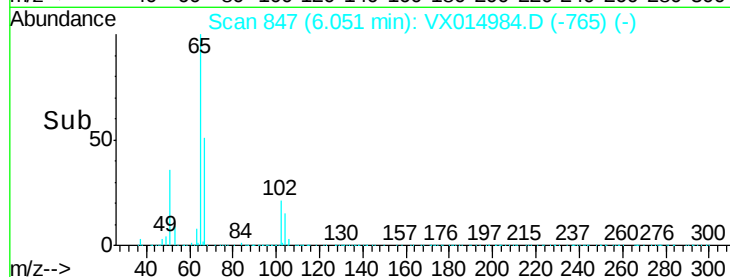
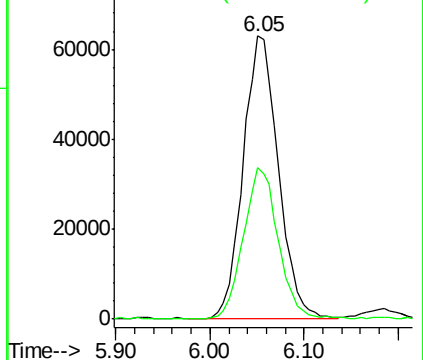
MMDadoda

2/24/2020 11:28:49 AM



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

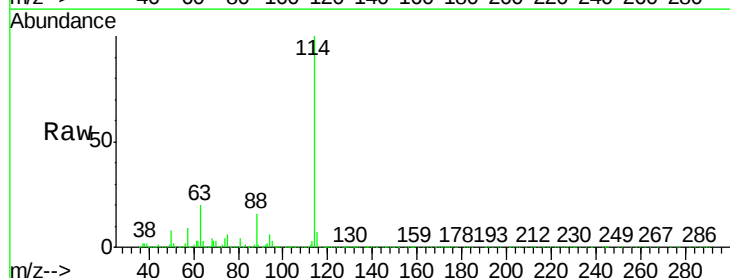
Tgt Ion: 114 Resp: 429504

Ion Ratio Lower Upper

114 100

63 19.5 15.6 23.4

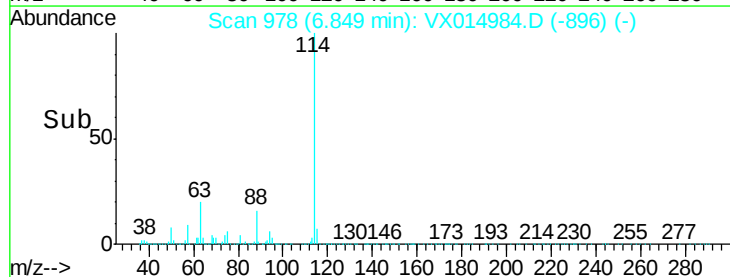
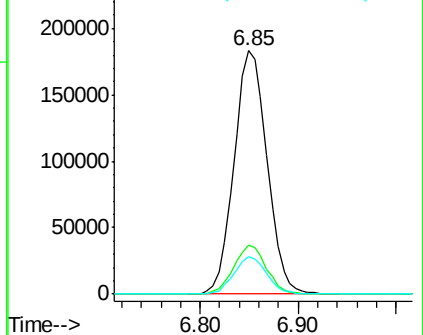
88 15.3 12.2 18.2

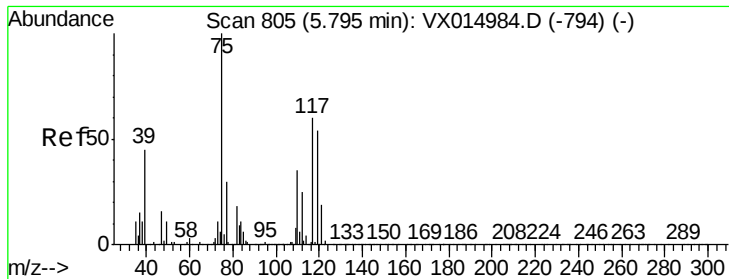


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0





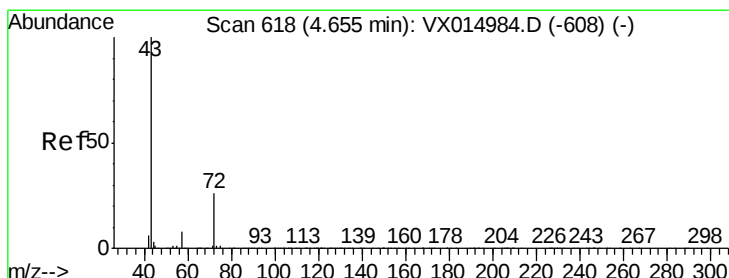
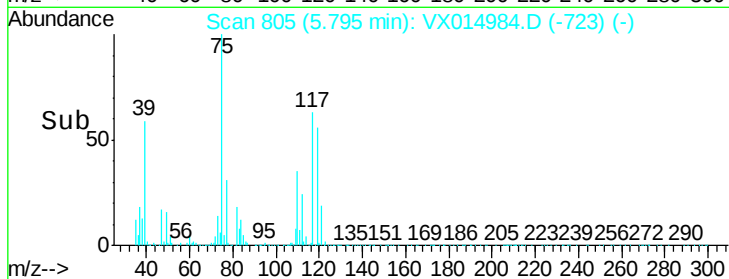
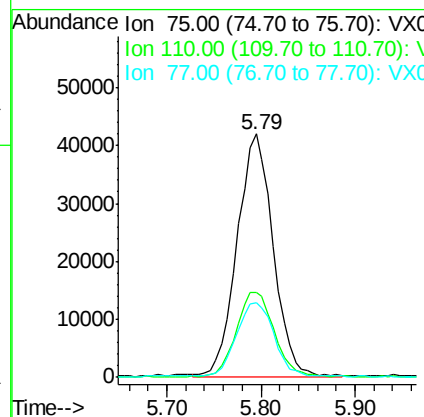
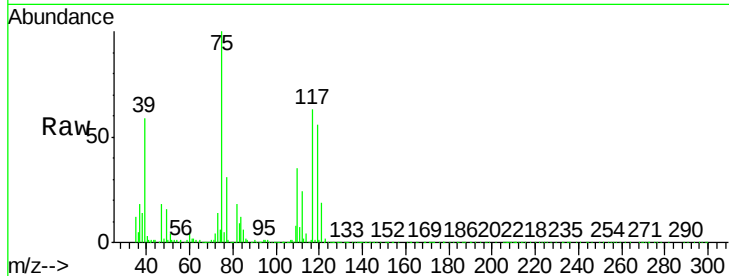
#29
 1,1-Dichloropropene
 Concen: 18.004 ug/l
 RT: 5.79 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.4	0.0	75.0
77	32.0	0.0	64.0

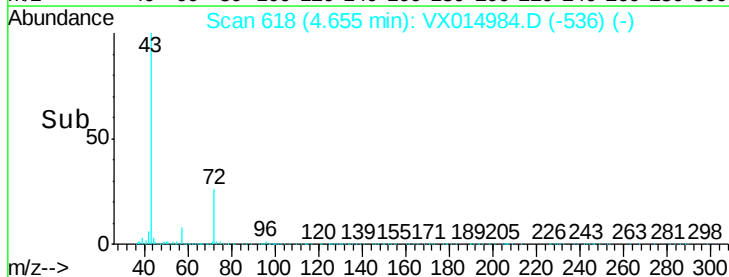
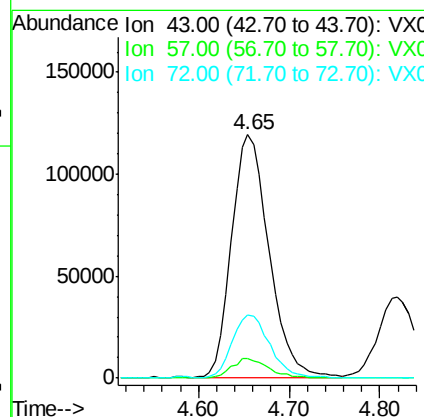
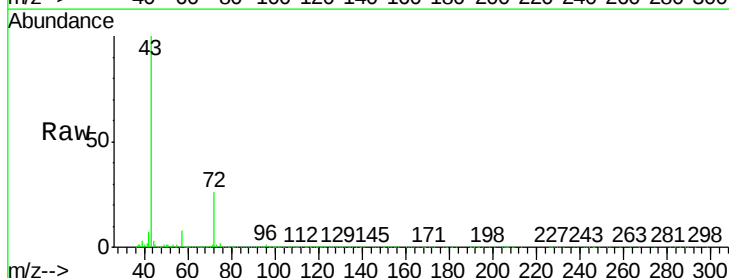
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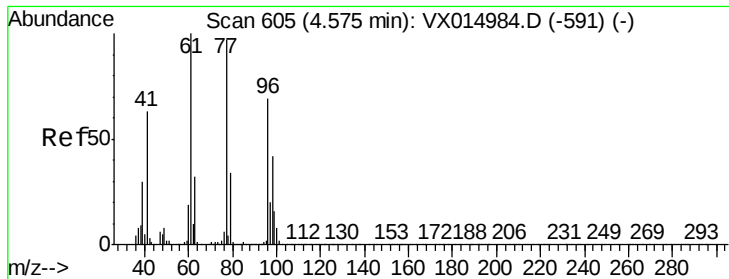
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 2/24/2020 11:28:49 AM



#30
 2-Butanone
 Concen: 87.647 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.9	6.5	9.7
72	25.4	20.3	30.5





#31

2,2-Dichloropropane

Concen: 18.354 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 77 Resp: 122820

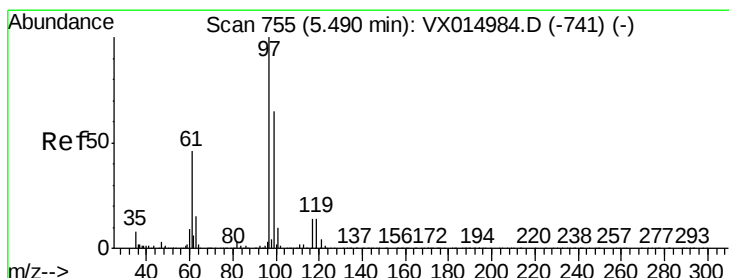
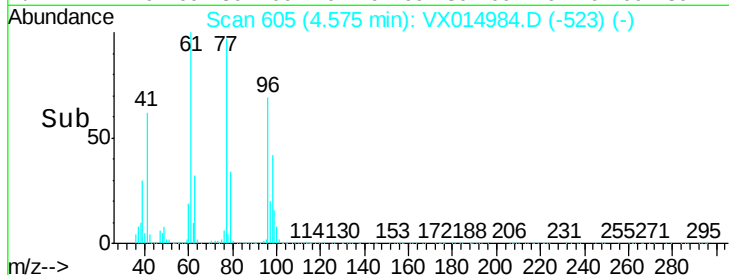
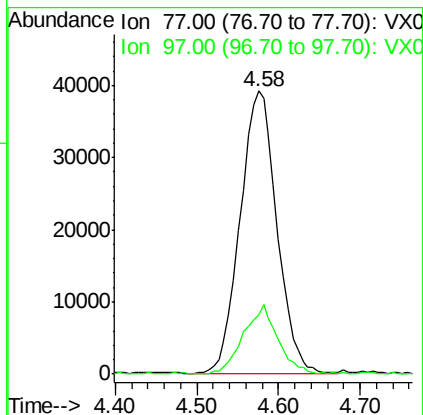
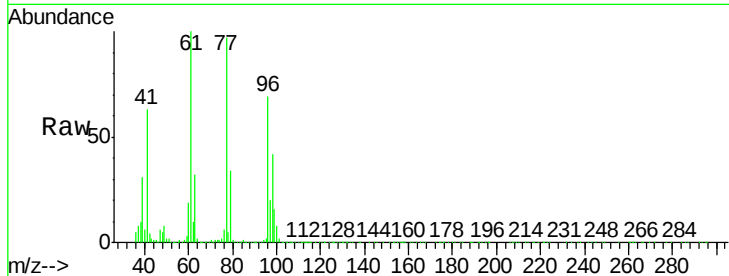
Ion Ratio Lower Upper

77 100

97 22.4 18.4 27.6

Manual Integrations
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2/24/2020 11:28:49 AM



#32

1,1,1-Trichloroethane

Concen: 18.285 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

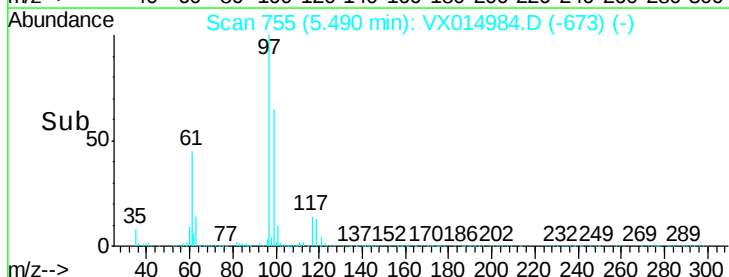
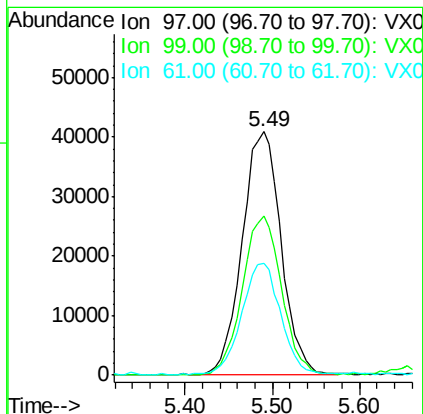
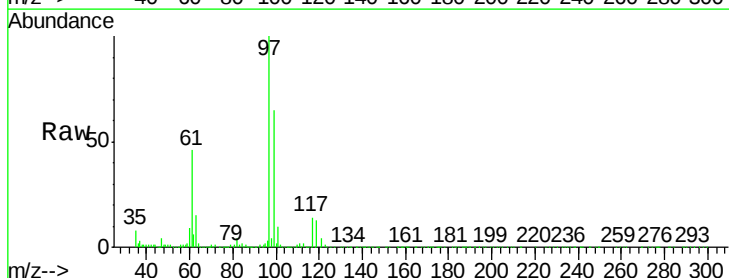
Tgt Ion: 97 Resp: 126458

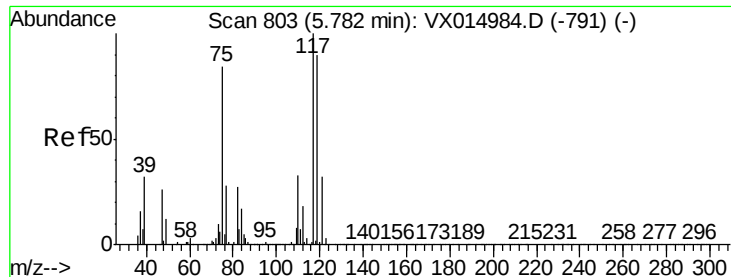
Ion Ratio Lower Upper

97 100

99 66.3 53.0 79.6

61 45.2 36.2 54.2





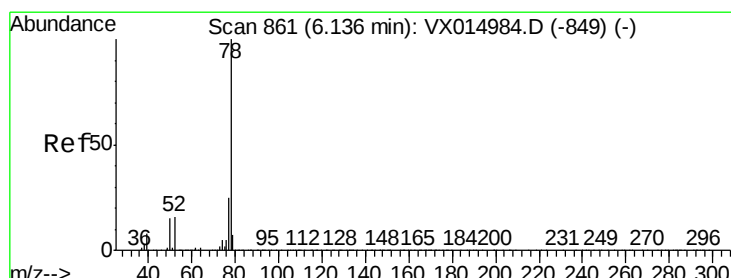
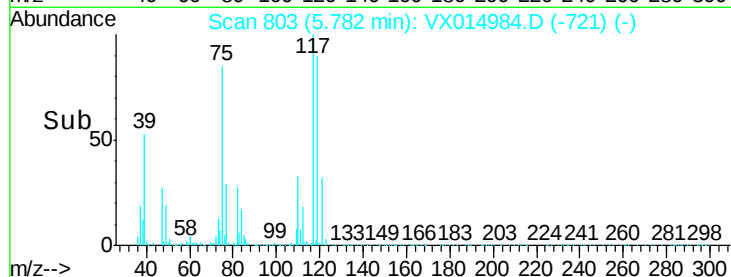
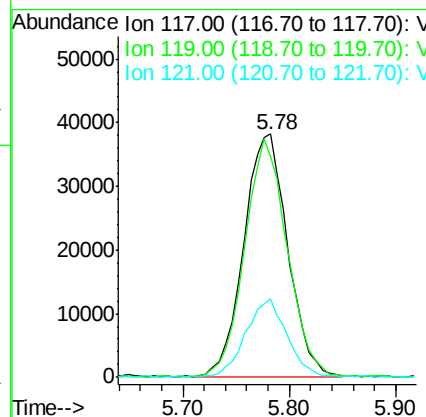
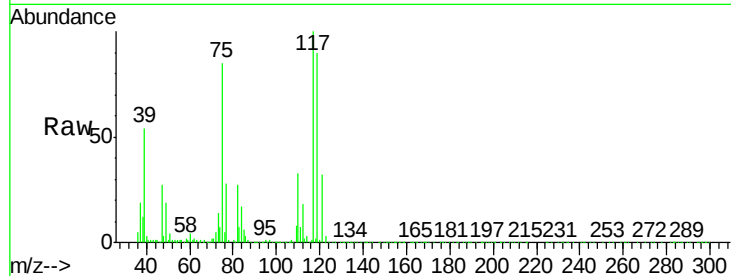
#33
Carbon Tetrachloride
Concen: 18.574 ug/l
RT: 5.78 min Scan# 803
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
117	100		
119	89.9	71.9	107.9
121	31.8	25.4	38.2

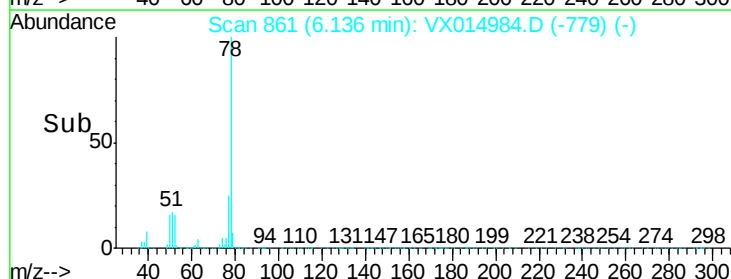
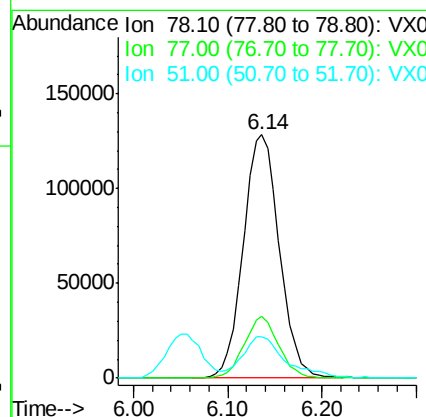
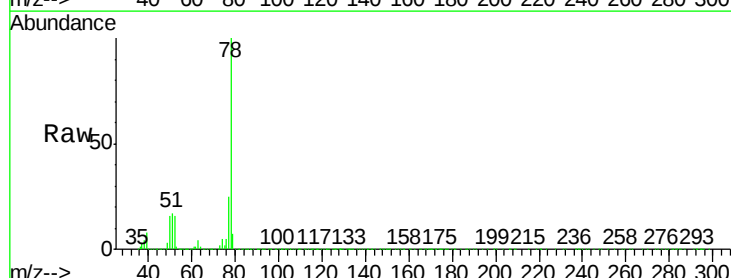
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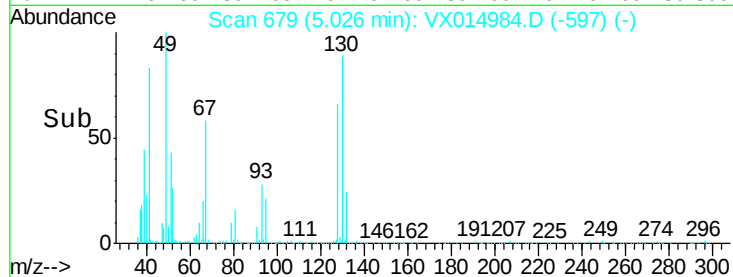
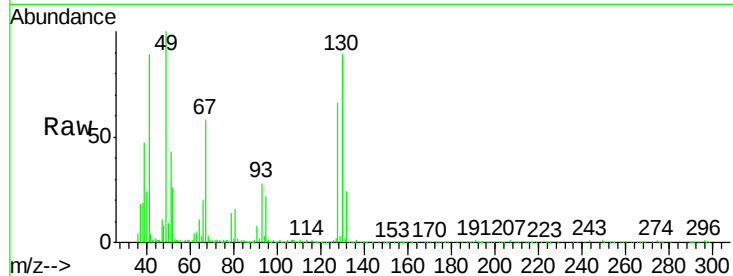
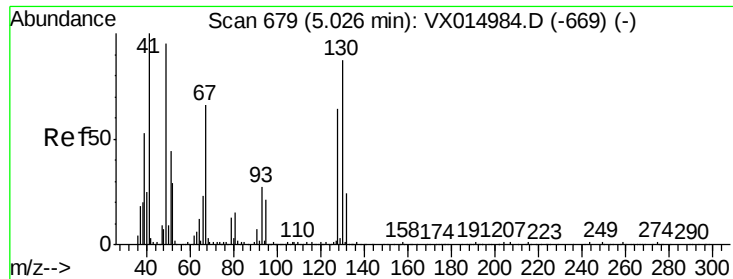
MMDadoda
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#34
Benzene
Concen: 17.921 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.0	20.0	30.0
51	16.6	13.3	19.9





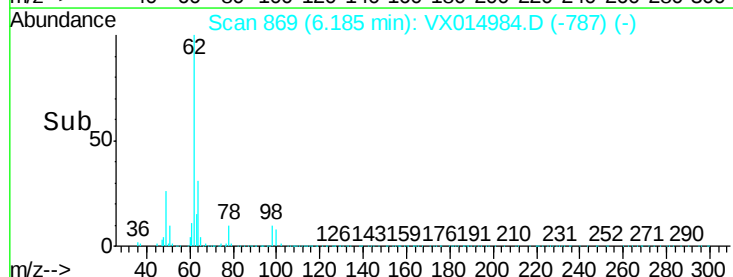
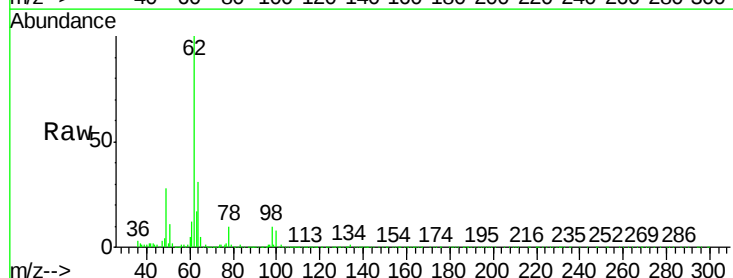
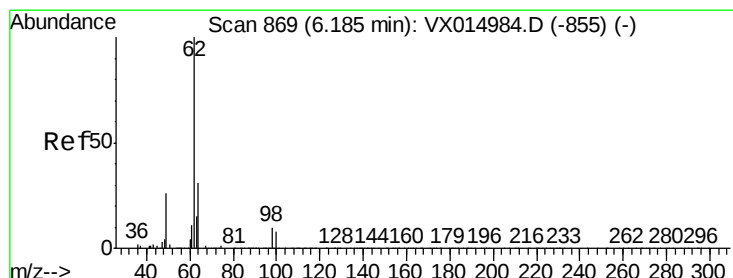
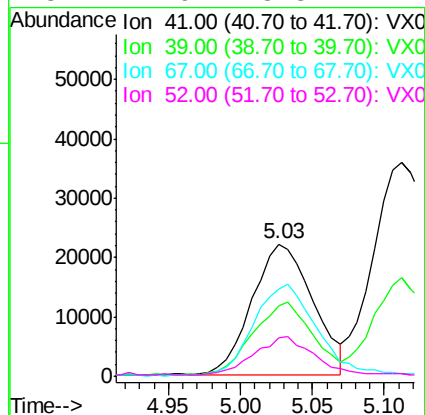
#35
Methacrylonitrile
Concen: 16.660 ug/l
RT: 5.03 min Scan# 679
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tot Ion	41	Resp	64194
Ion Ratio	Lower	Upper	
41	100		
39	51.8	25.9	77.7
67	65.4	32.7	98.1
52	27.6	13.8	41.4

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

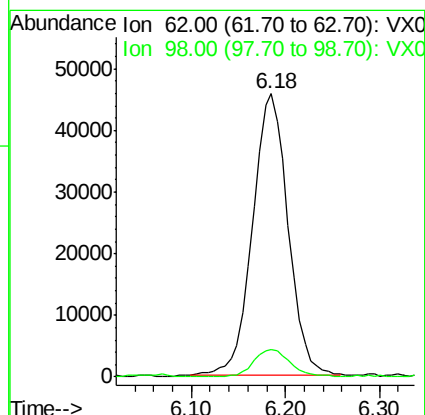
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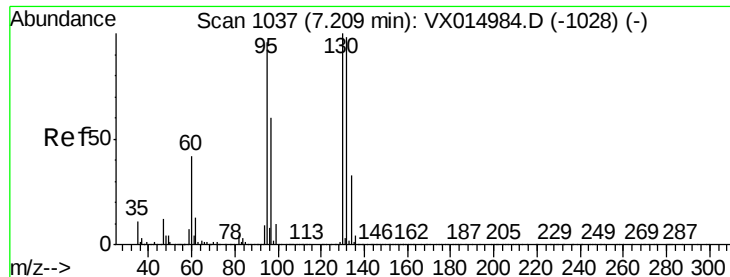
MMDadoda
2/24/2020 11:28:49 AM



#36
1,2-Dichloroethane
Concen: 18.153 ug/l
RT: 6.18 min Scan# 869
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	62	Resp	121071
Ion Ratio	Lower	Upper	
62	100		
98	9.5	7.5	11.3





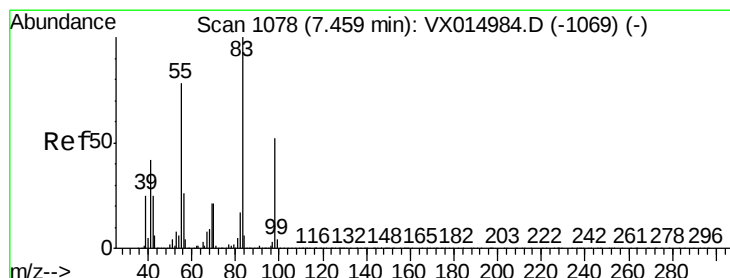
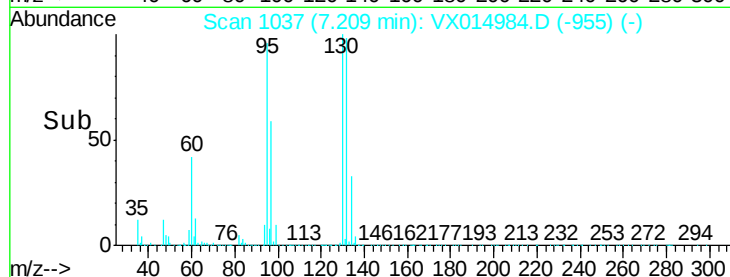
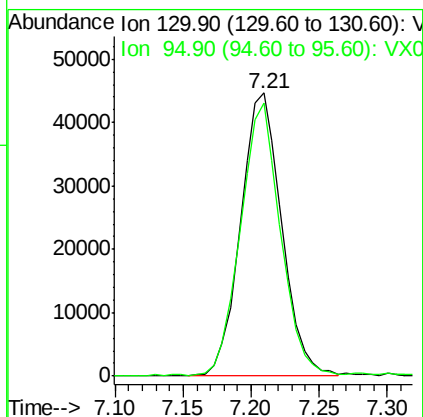
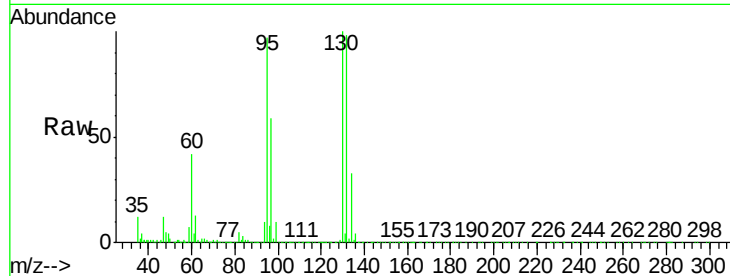
#37
 Trichloroethene
 Concen: 17.866 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion:130 Resp: 93509
 Ion Ratio Lower Upper
 130 100
 95 96.4 77.1 115.7

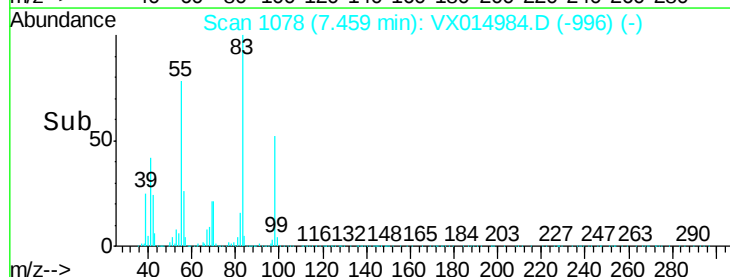
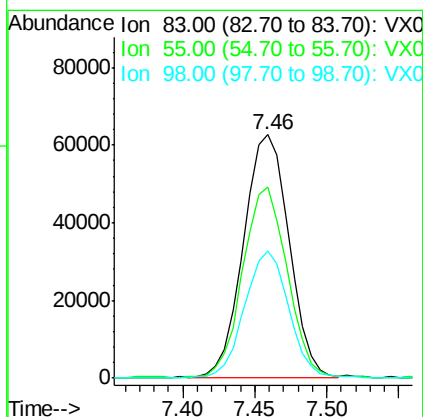
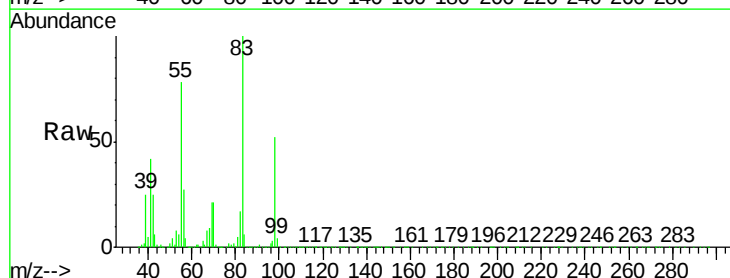
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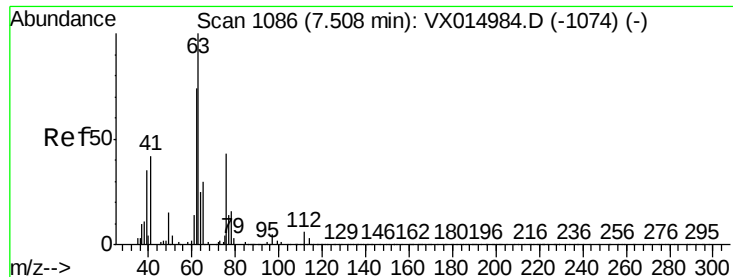
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 2/24/2020 11:28:49 AM



#38
 Methylcyclohexane
 Concen: 17.774 ug/l
 RT: 7.46 min Scan# 1078
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion: 83 Resp: 137037
 Ion Ratio Lower Upper
 83 100
 55 76.4 38.2 114.6
 98 50.5 25.3 75.8





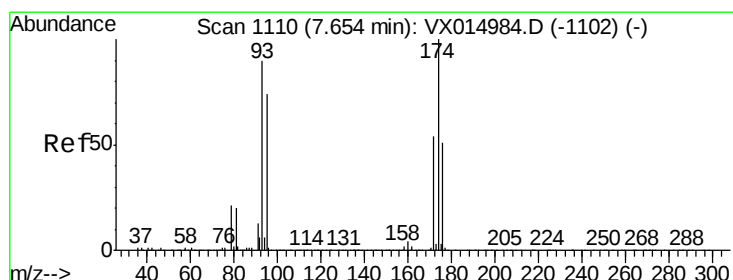
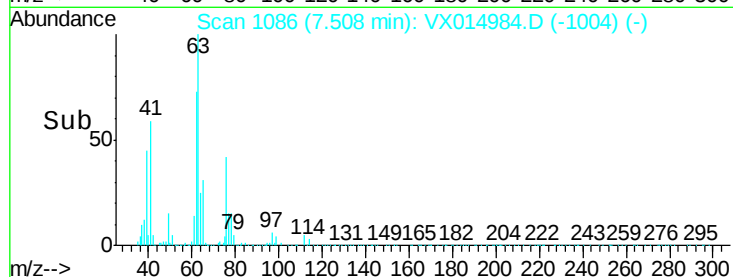
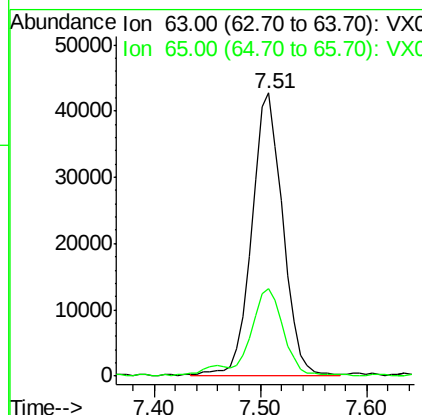
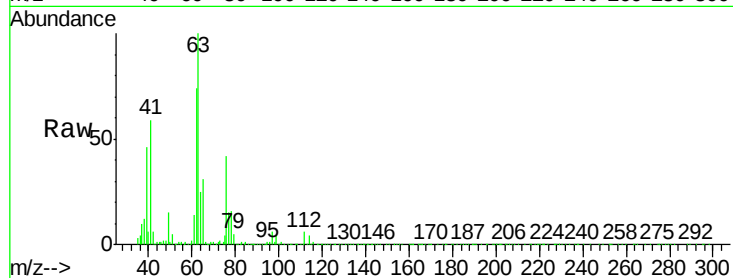
#39
 1,2-Dichloropropane
 Concen: 17.548 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.7	24.6	36.8

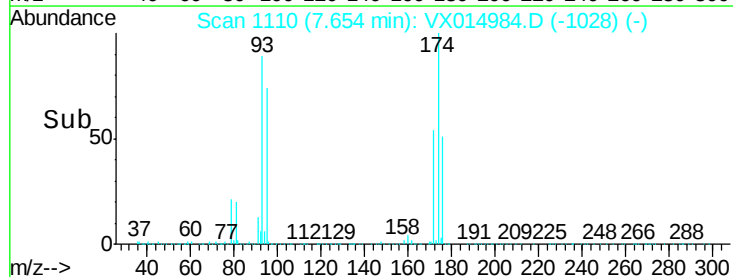
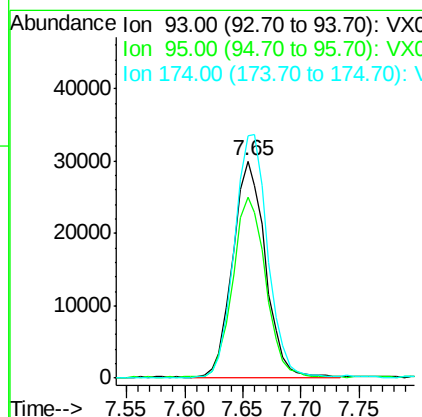
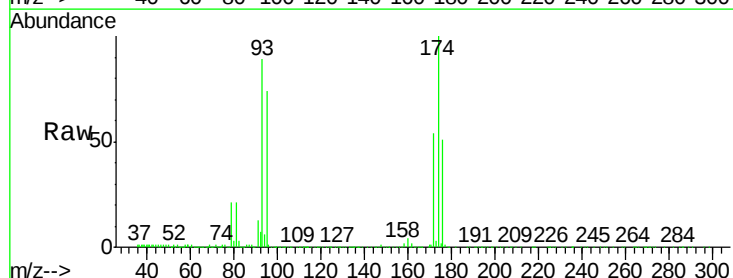
Manual Integrations
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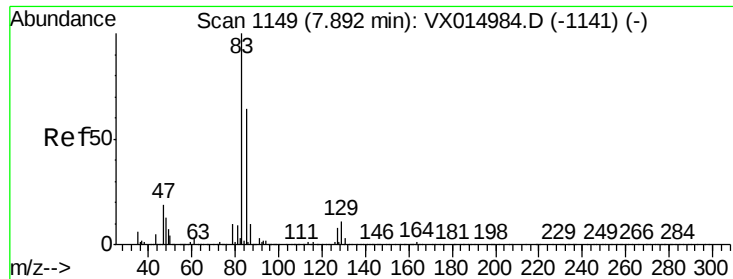
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#40
 Dibromomethane
 Concen: 18.420 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.3	0.0	164.6
174	113.2	0.0	226.4





#41

Bromodichloromethane

Concen: 18.045 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

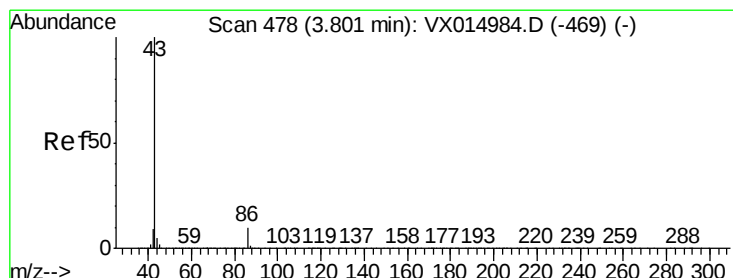
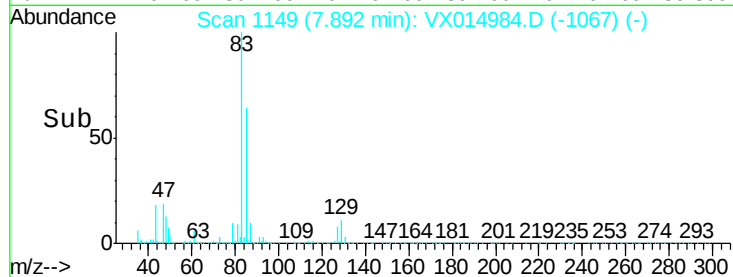
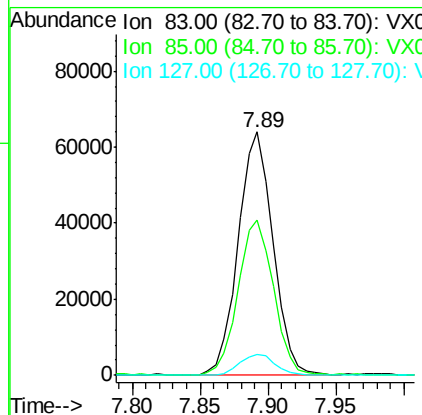
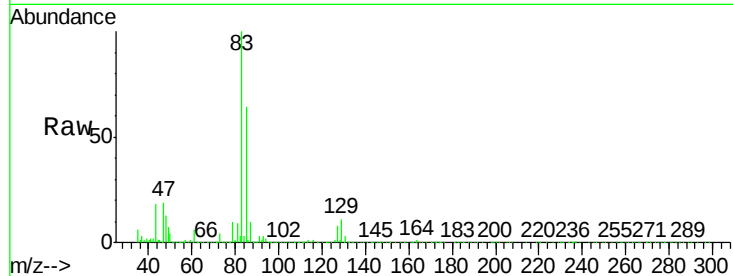
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	113960
Ion	Ratio	Lower	Upper
83	100		
85	63.7	51.0	76.4
127	8.3	6.6	10.0

Manual Integrations
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#42

Vinyl Acetate

Concen: 93.897 ug/l

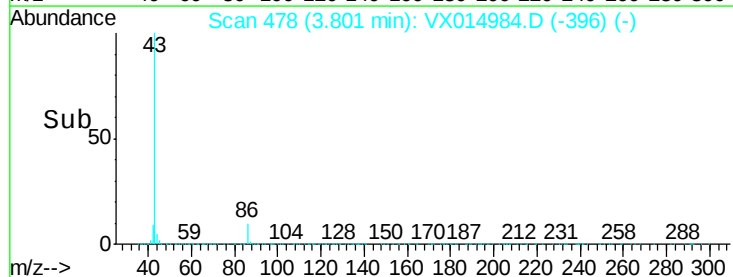
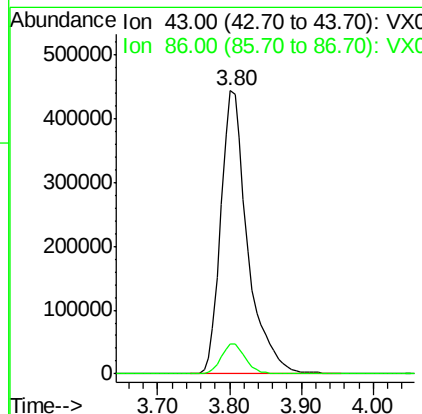
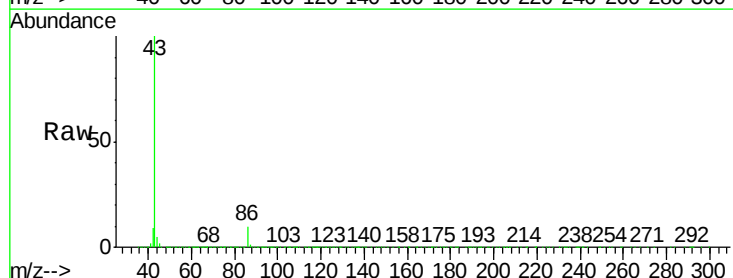
RT: 3.80 min Scan# 478

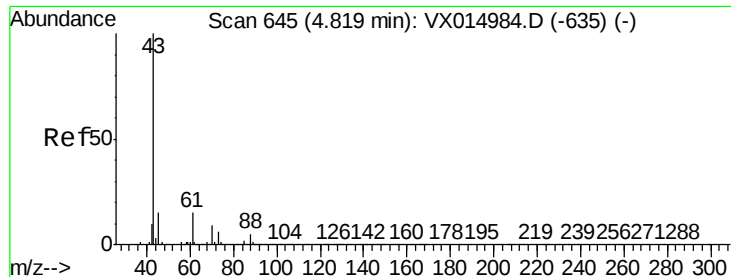
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	43	Resp:	1149067
Ion	Ratio	Lower	Upper
43	100		
86	9.5	7.6	11.4





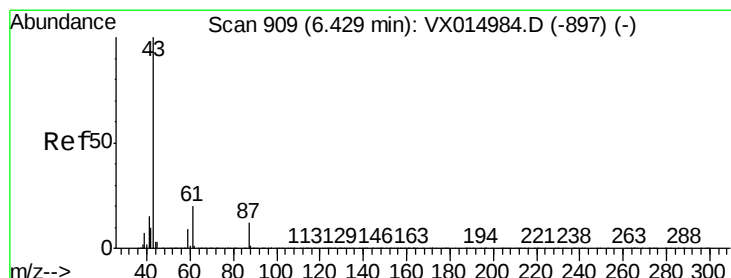
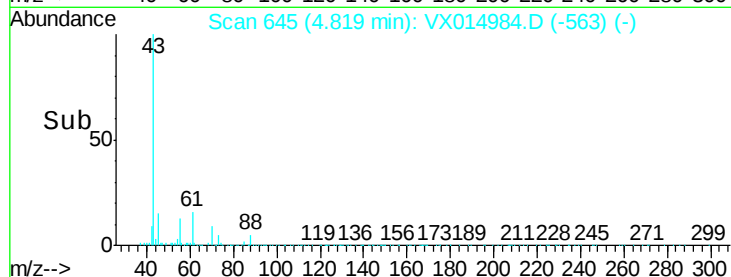
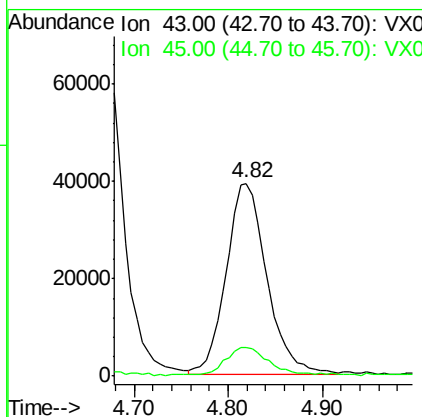
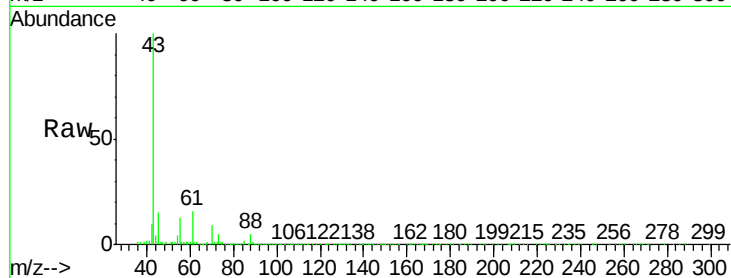
#43
Ethyl Acetate
Concen: 16.971 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion: 43 Resp: 118547
Ion Ratio Lower Upper
43 100
45 13.5 10.8 16.2

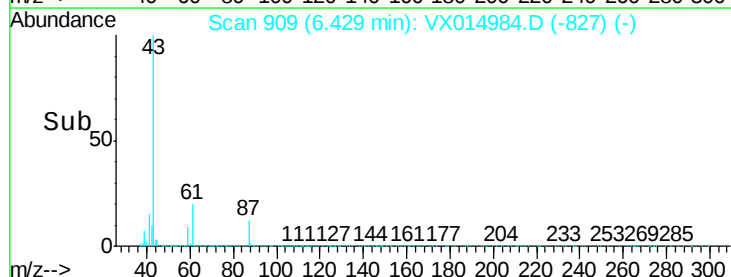
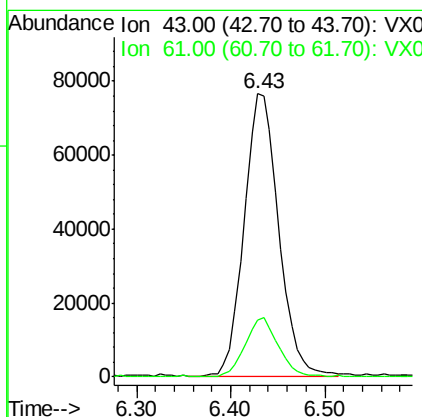
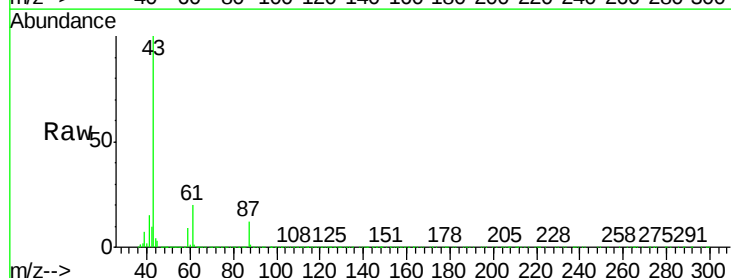
Manual Integrations
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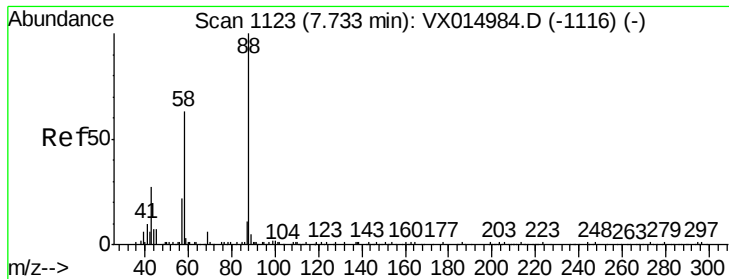
MMDadoda
2/24/2020 11:28:49 AM



#44
Isopropyl Acetate
Concen: 17.130 ug/l
RT: 6.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion: 43 Resp: 194847
Ion Ratio Lower Upper
43 100
61 19.5 15.6 23.4





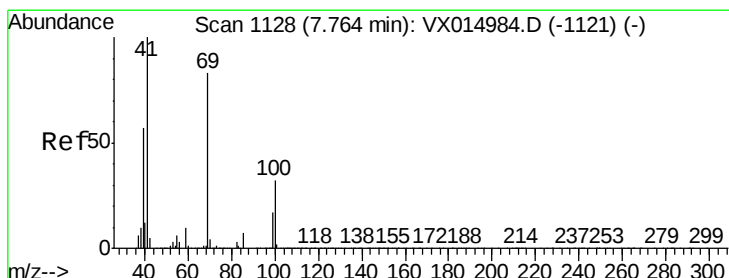
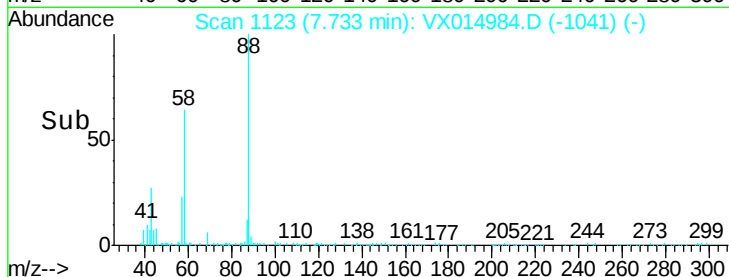
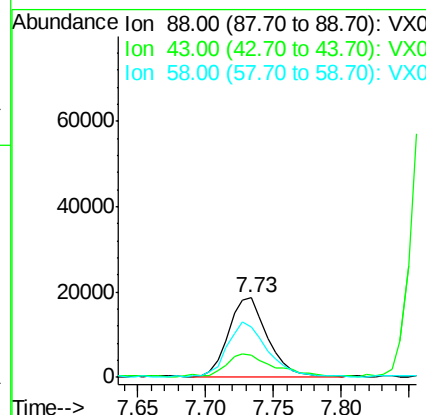
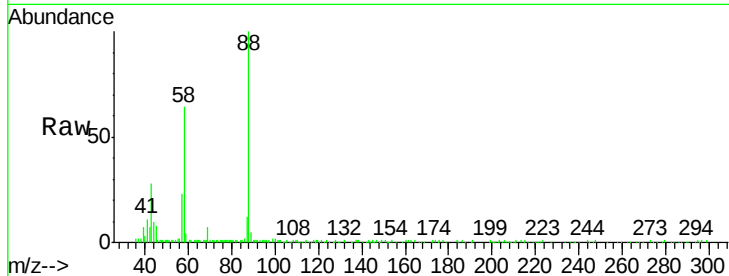
#45
1,4-Dioxane
Concen: 329.910 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	88	Resp	36857
Ion	Ratio	Lower	Upper
88	100		
43	31.8	25.4	38.2
58	69.8	55.8	83.8

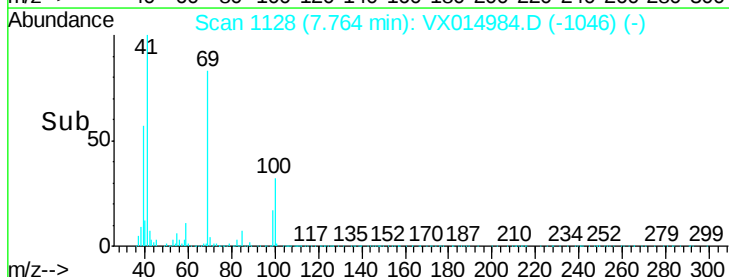
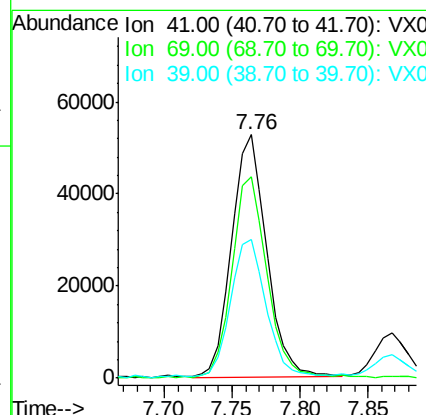
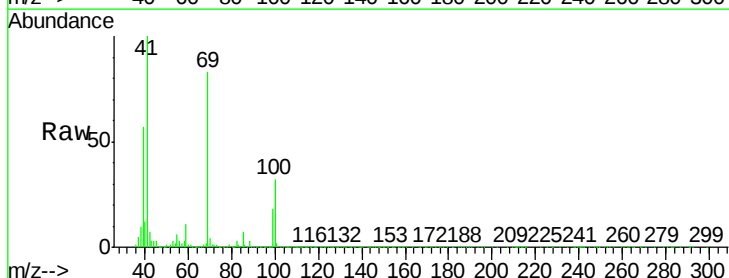
Manual Integrations
APPROVED

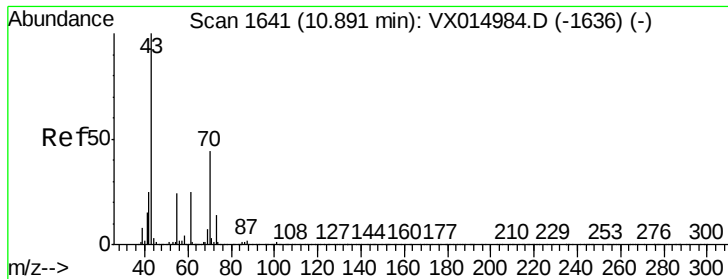
MMDadoda
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#46
Methyl methacrylate
Concen: 16.968 ug/l
RT: 7.76 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	41	Resp	94791
Ion	Ratio	Lower	Upper
41	100		
69	82.8	41.4	124.2
39	56.6	28.3	84.9





#47

n-amvl Acetate

Concen: 16.923 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 43 Resp: 163014

Ion Ratio Lower Upper

43 100

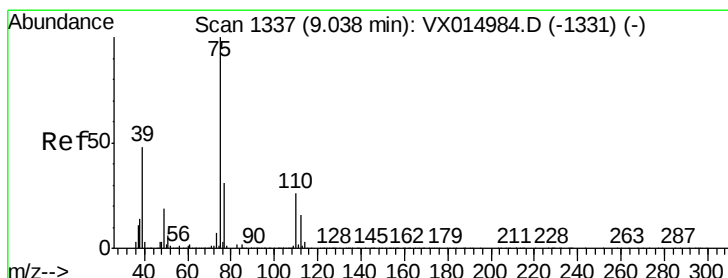
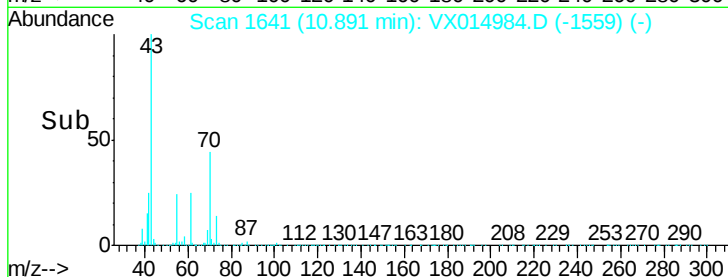
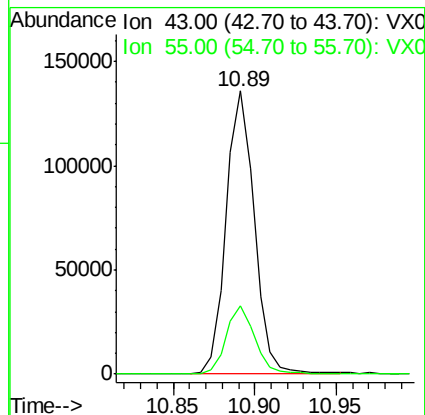
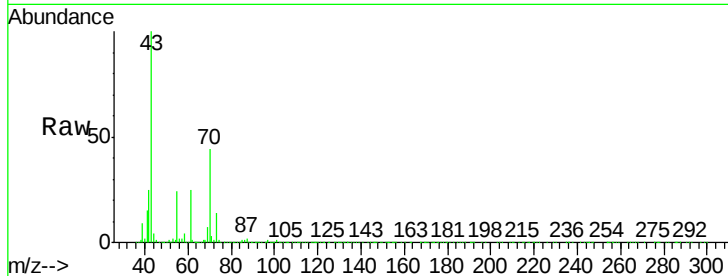
55 24.0 19.2 28.8

Manual Integrations

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#48

t-1,3-Dichloropropene

Concen: 17.921 ug/l

RT: 9.04 min Scan# 1337

Delta R.T. 0.00 min

Lab File: VX014984.D

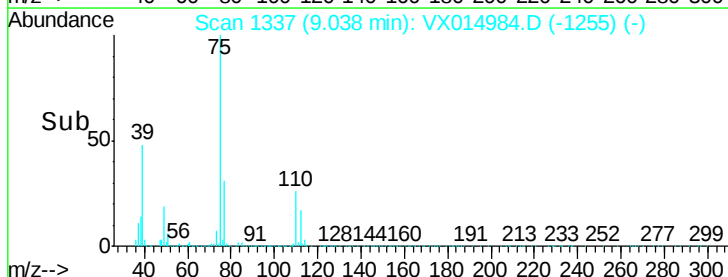
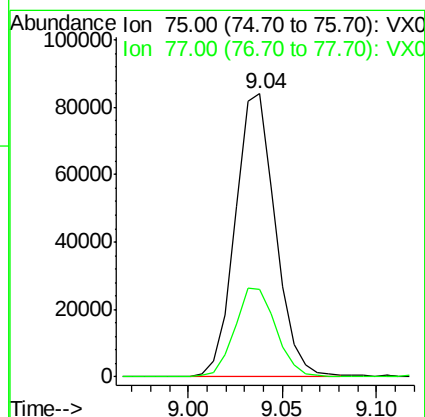
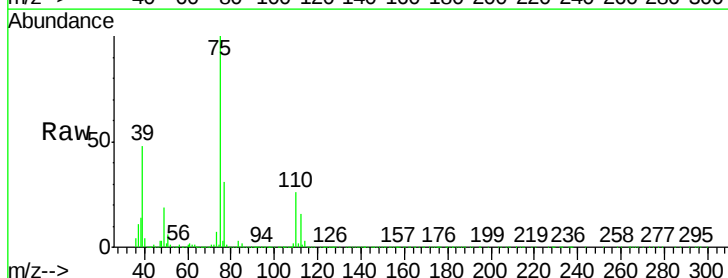
Acq: 21 Feb 2020 09:37

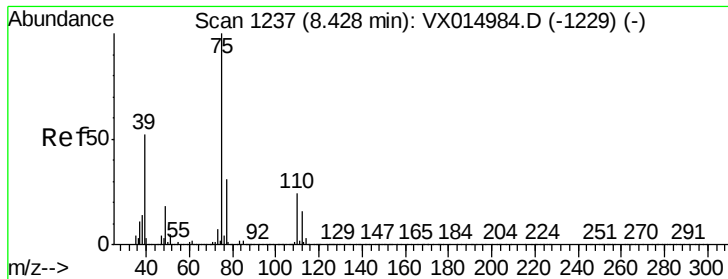
Tgt Ion: 75 Resp: 123528

Ion Ratio Lower Upper

75 100

77 30.7 24.6 36.8





#49

cis-1,3-Dichloropropene

Concen: 17.874 ug/l

RT: 8.43 min Scan# 1237

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

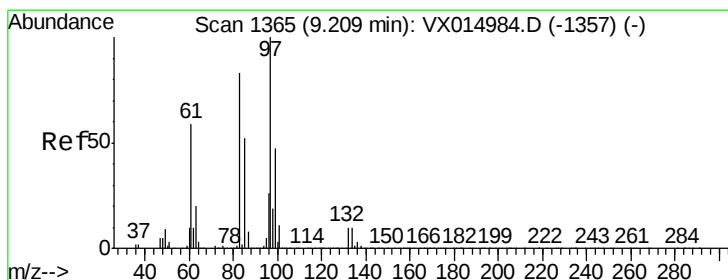
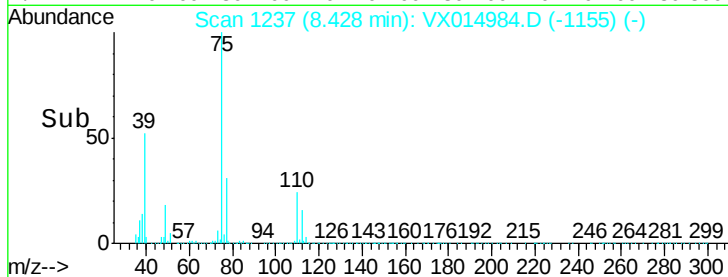
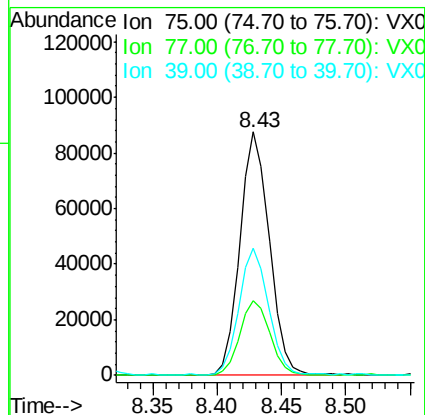
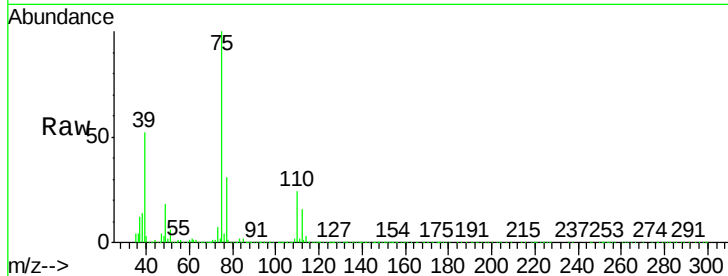
ClientSampleId :

VSTDICCC020

Tot Ion:	75	Resp:	138519
Ion Ratio		Lower	Upper
75	100		
77	30.7	24.6	36.8
39	51.9	41.5	62.3

Manual Integrations
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#50

1,1,2-Trichloroethane

Concen: 18.317 ug/l

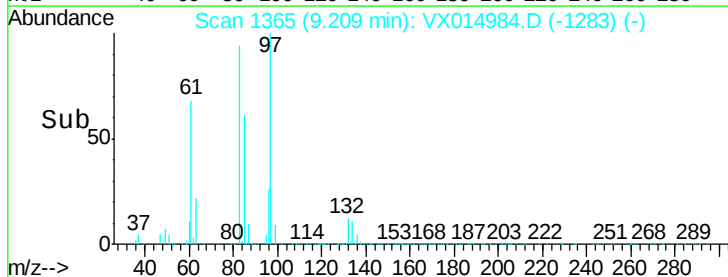
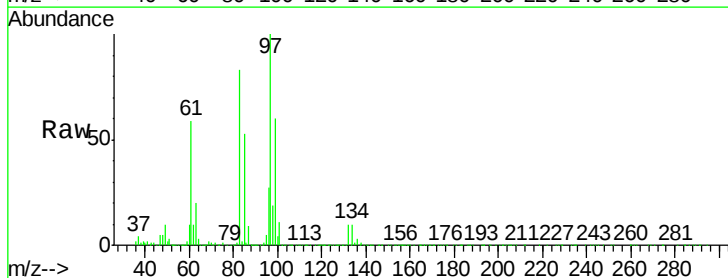
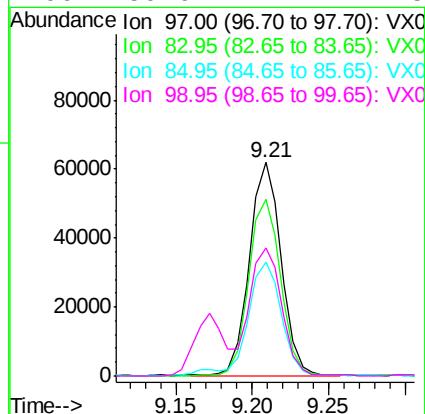
RT: 9.21 min Scan# 1365

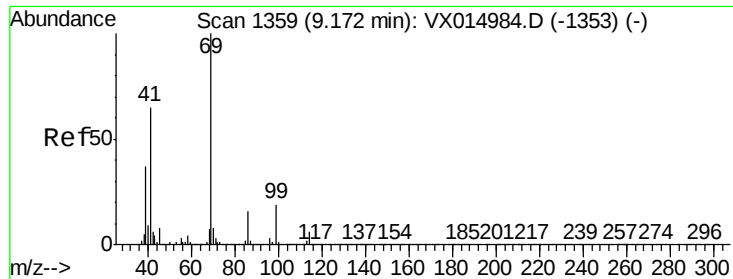
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	97	Resp:	89349
Ion Ratio		Lower	Upper
97	100		
83	82.7	66.2	99.2
85	53.0	42.4	63.6
99	59.6	47.7	71.5





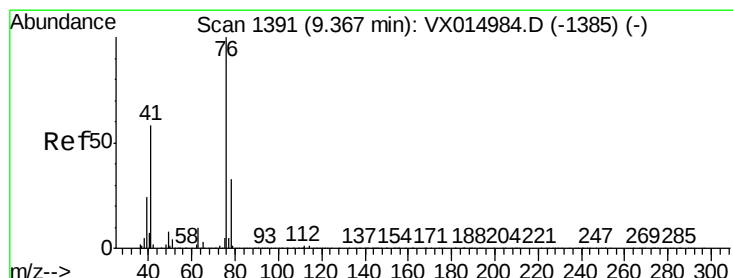
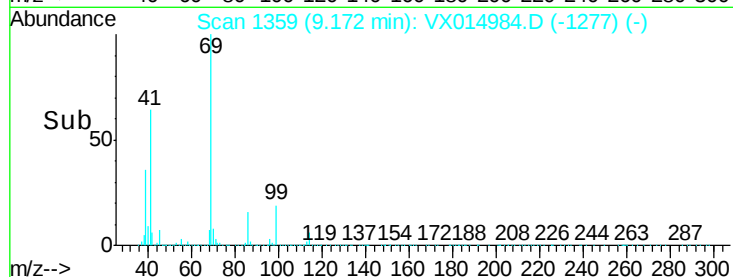
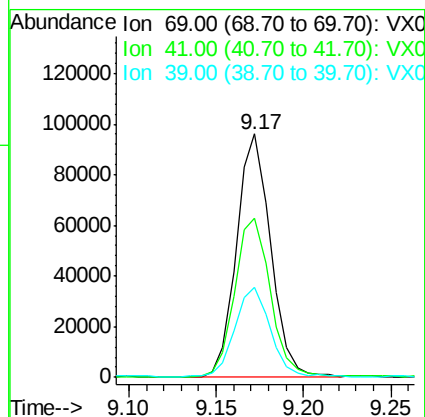
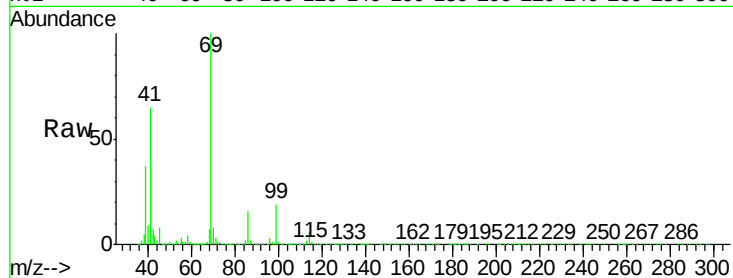
#51
Ethyl methacrylate
Concen: 17.057 ug/l
RT: 9.17 min Scan# 1359
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
69	100		
41	65.4	32.7	98.1
39	36.4	18.2	54.6

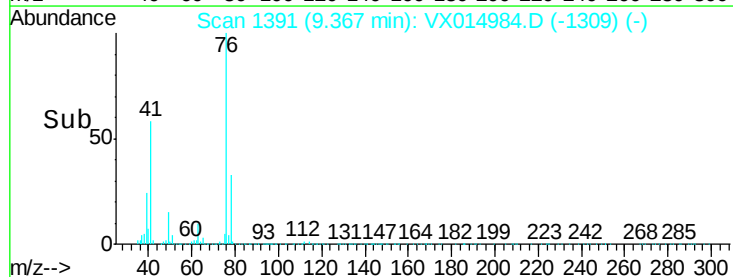
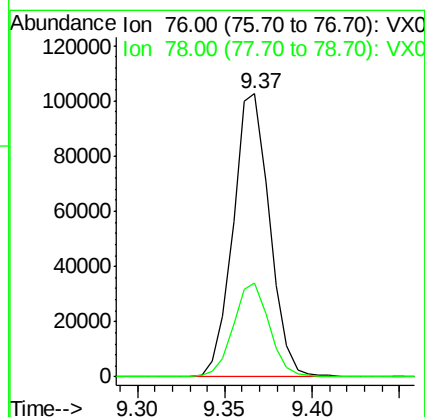
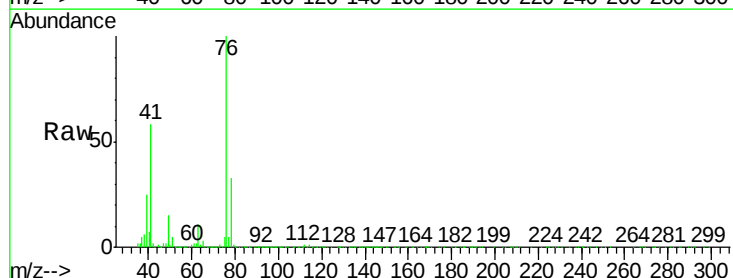
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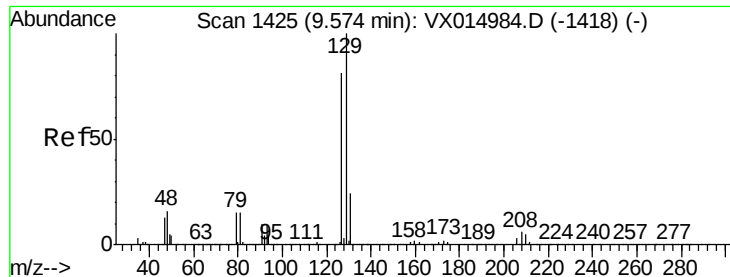
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#52
1,3-Dichloropropane
Concen: 18.020 ug/l
RT: 9.37 min Scan# 1391
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
76	100		
78	32.5	0.0	65.0





#53

Dibromochloromethane

Concen: 18.333 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:129 Resp: 92641

Ion Ratio Lower Upper

129 100

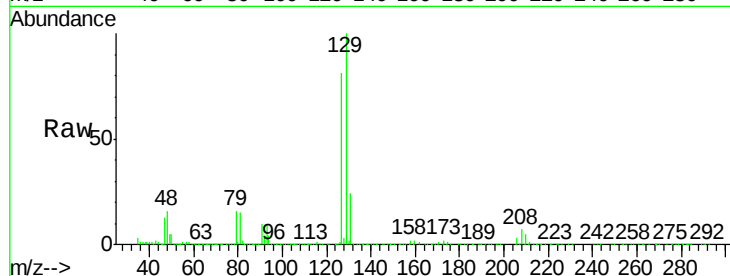
127 76.6 38.3 114.9

Manual Integrations

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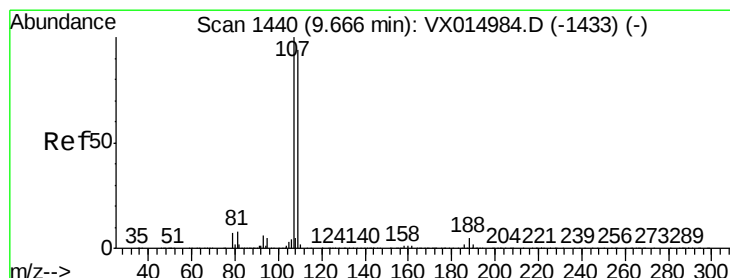
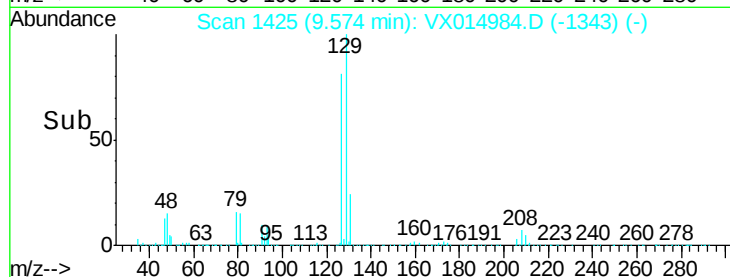
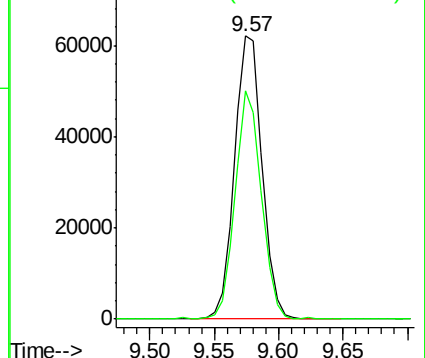
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 18.173 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. 0.00 min

Lab File: VX014984.D

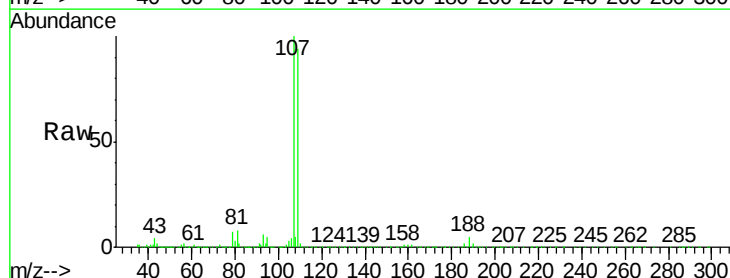
Acq: 21 Feb 2020 09:37

Tgt Ion:107 Resp: 91882

Ion Ratio Lower Upper

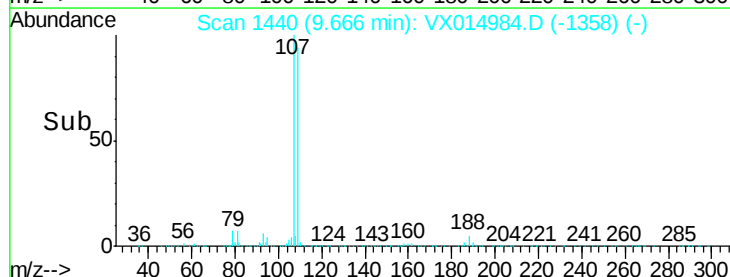
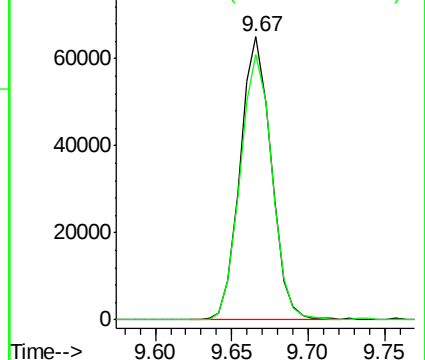
107 100

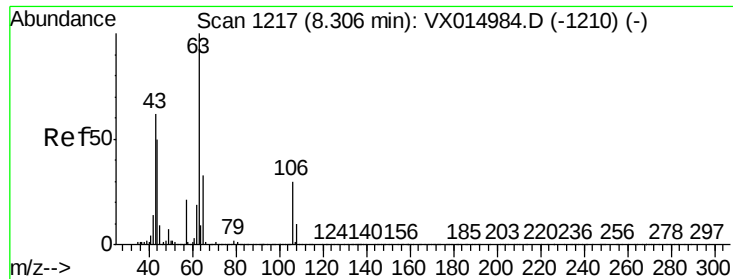
109 95.4 76.3 114.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





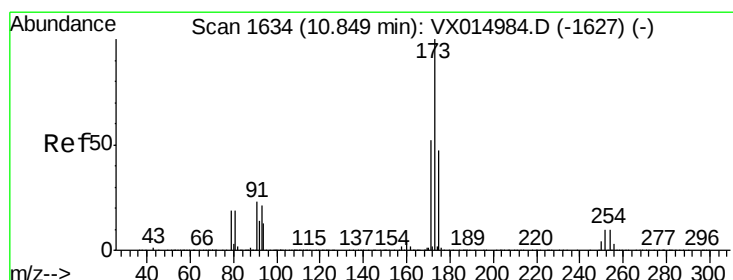
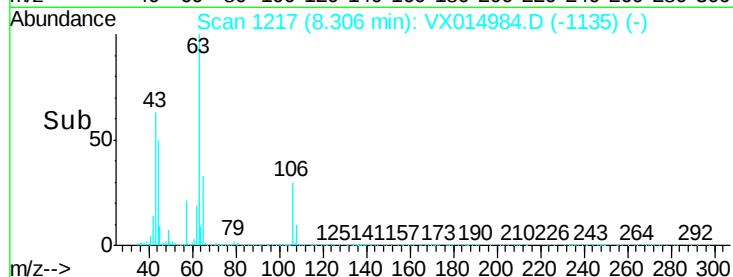
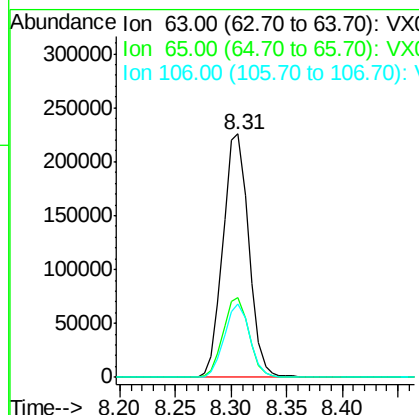
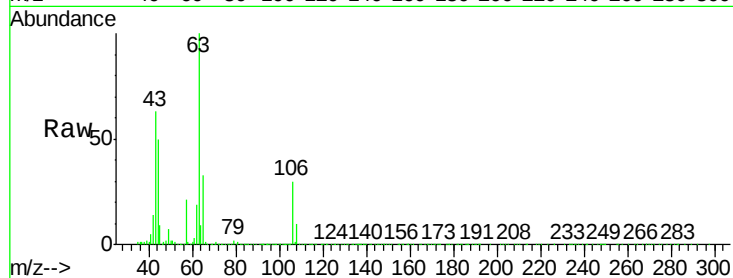
#55
2-Chloroethyl vinyl ether
Concen: 100.476 ug/l
RT: 8.31 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	26.0	39.0
106	29.9	23.9	35.9

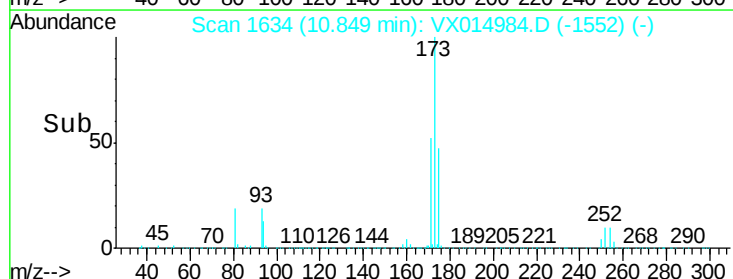
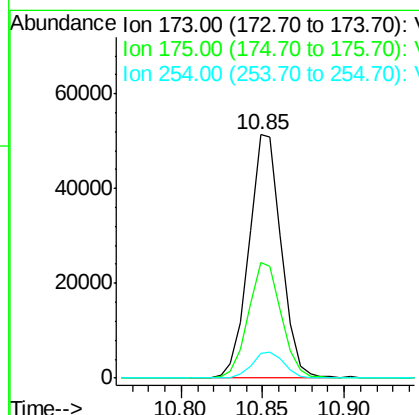
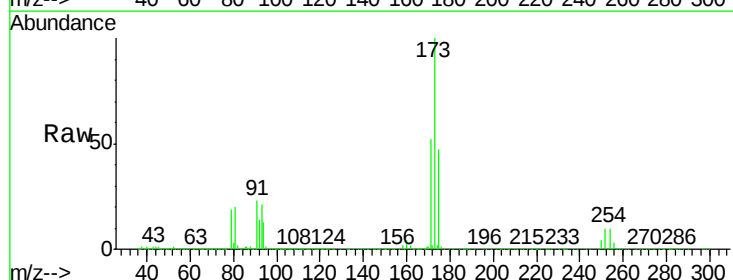
Manual Integrations
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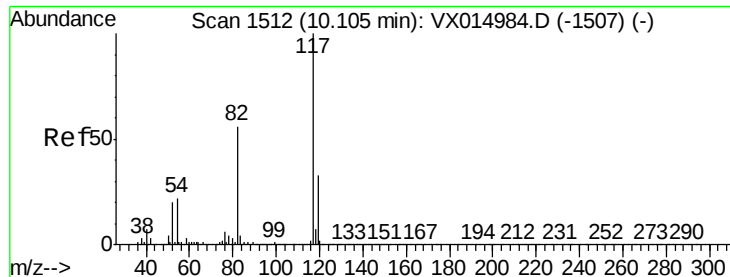
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#56
Bromoform
Concen: 18.322 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.2	38.6	57.8
254	10.8	8.6	13.0





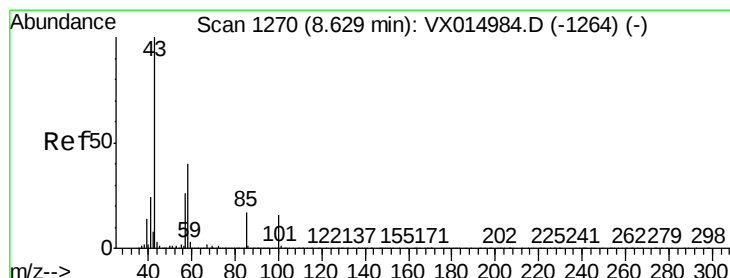
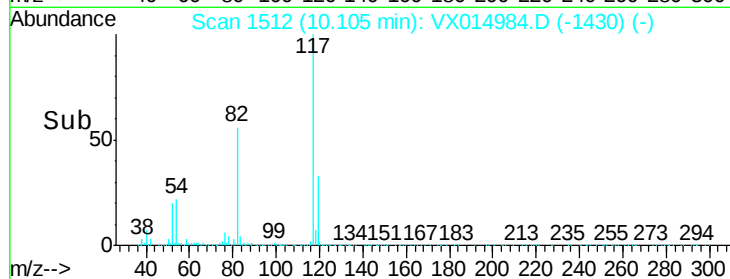
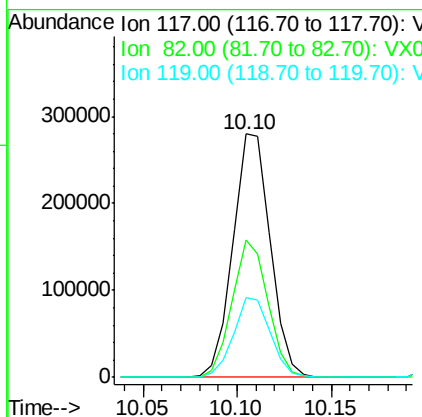
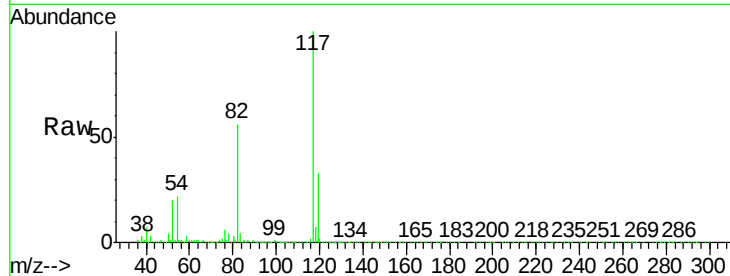
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Resp Lower	Upper
117	100		
82	54.3	43.4	65.2
119	32.5	26.0	39.0

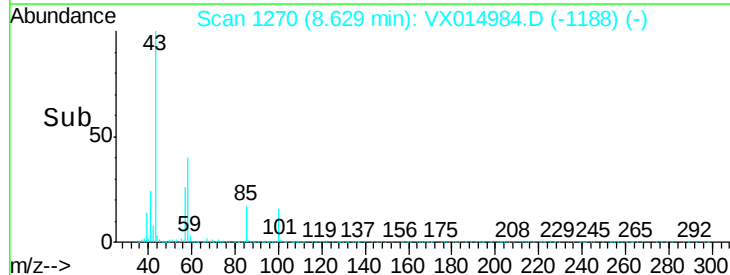
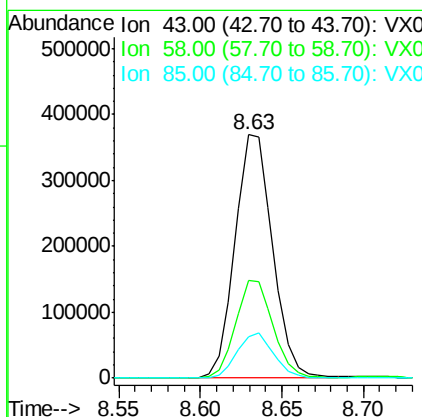
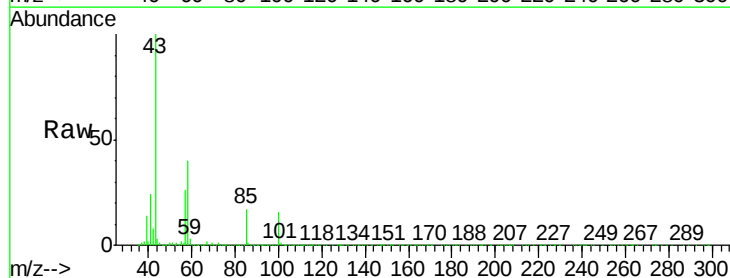
Manual Integrations
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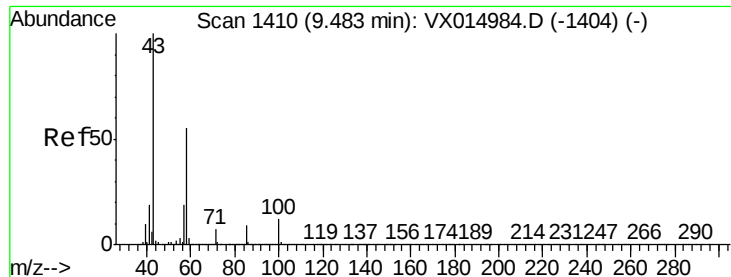
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#58
4-Methyl-2-Pentanone
Concen: 84.690 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
58	39.6	31.7	47.5
85	18.0	14.4	21.6





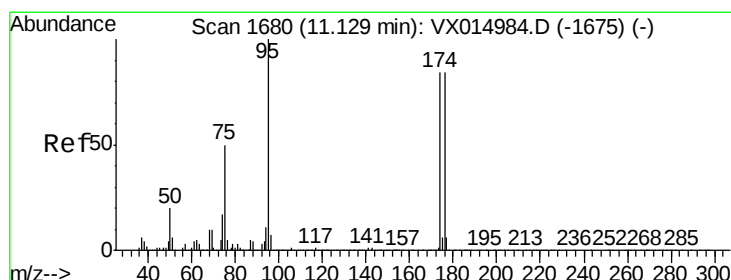
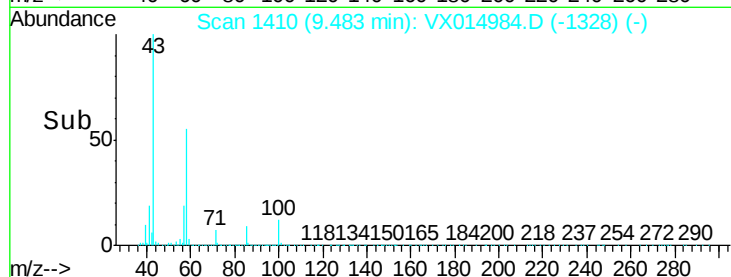
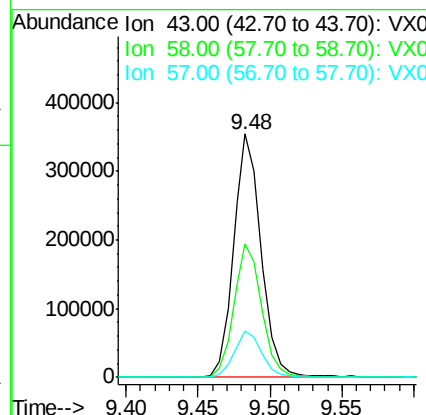
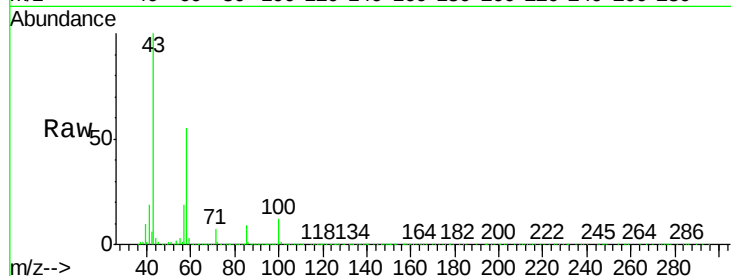
#59
2-Hexanone
Concen: 86.929 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.1	44.1	66.1
57	19.1	15.3	22.9

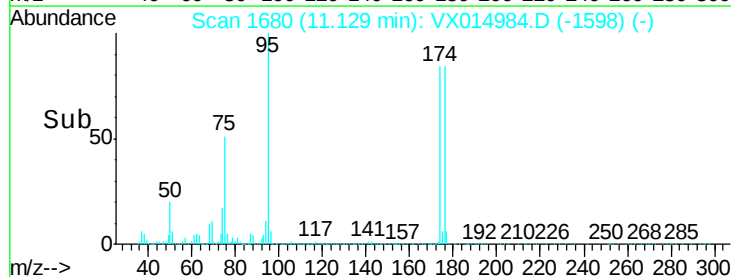
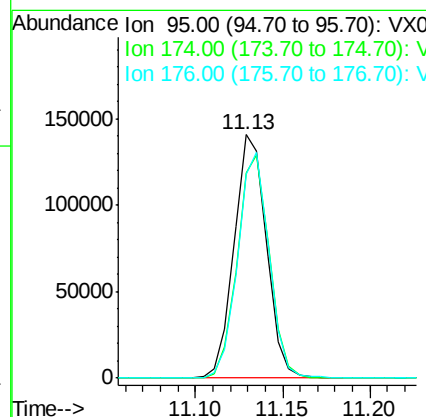
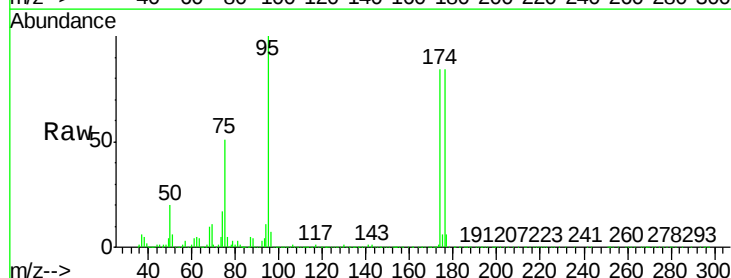
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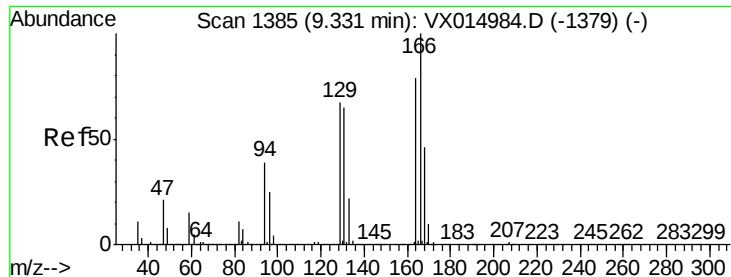
MMDadoda
2/24/2020 11:28:49 AM



#60
4-Bromofluorobenzene
Concen: 29.400 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.4	72.3	108.5
176	90.0	72.0	108.0





#61

Tetrachloroethene

Concen: 17.840 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

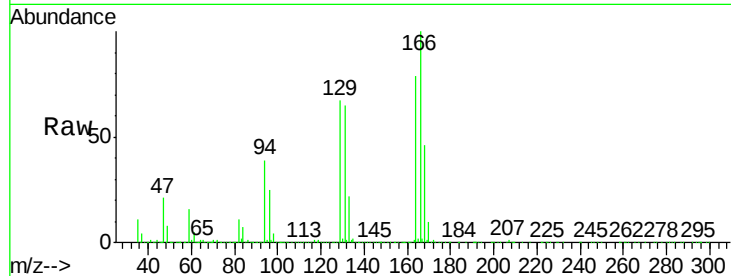
ClientSampleId :

VSTDICCC020

Tot Ion:	164	Resp:	99266
Ion	Ratio	Lower	Upper
164	100		
166	126.5	101.2	151.8
129	84.5	67.6	101.4
131	82.5	66.0	99.0

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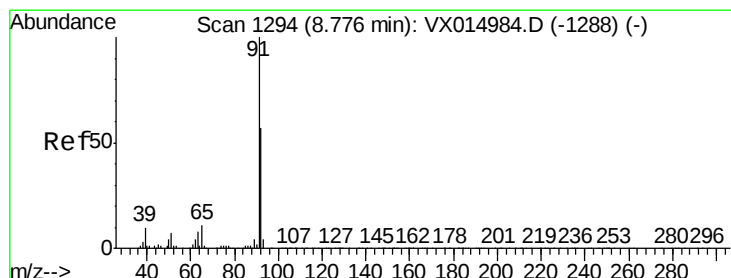
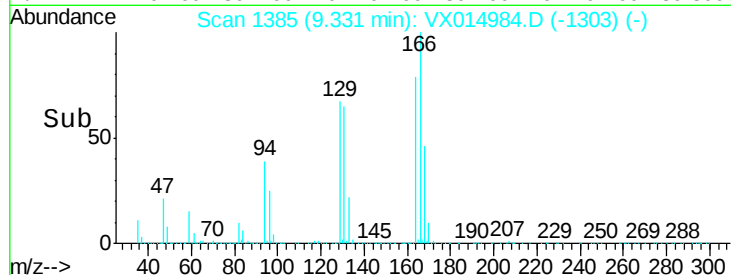
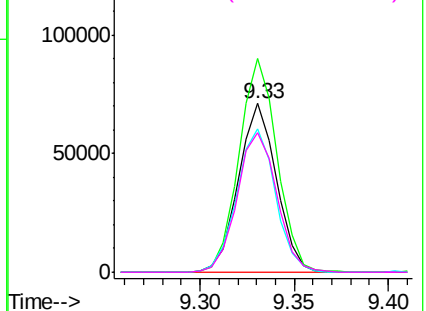


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#62

Toluene

Concen: 18.478 ug/l

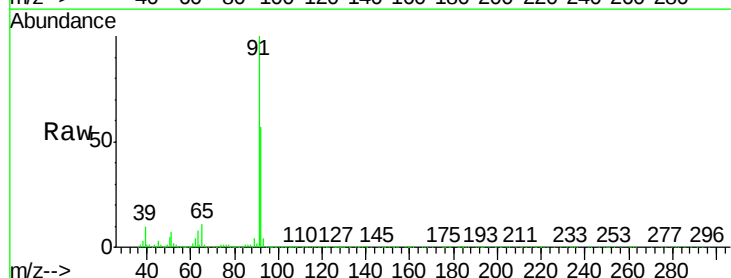
RT: 8.78 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX014984.D

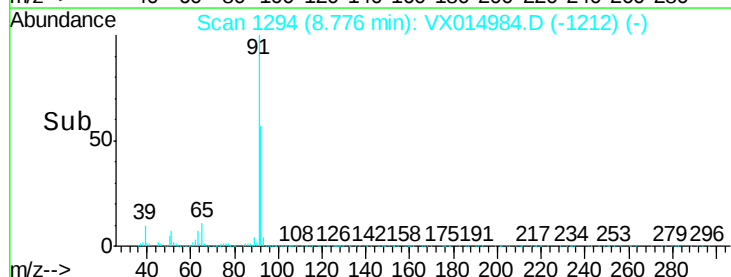
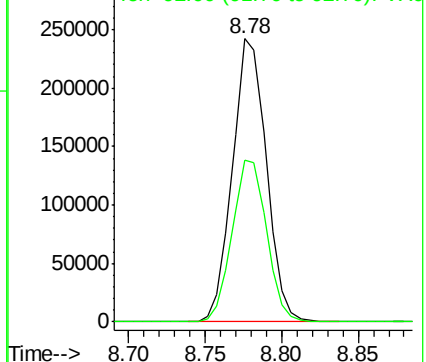
Acq: 21 Feb 2020 09:37

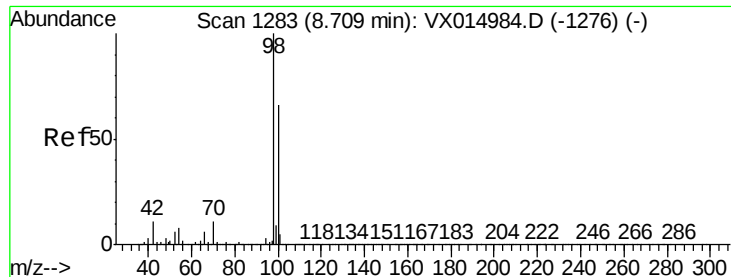
Tgt Ion:	91	Resp:	372520
Ion	Ratio	Lower	Upper
91	100		
92	58.2	46.6	69.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0





#63

Toluene-d8

Concen: 29.732 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 98 Resp: 513787

Ion Ratio Lower Upper

98 100

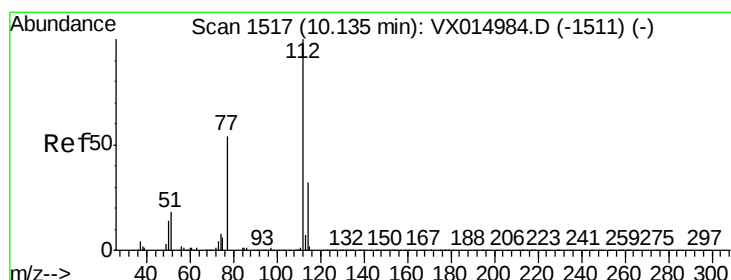
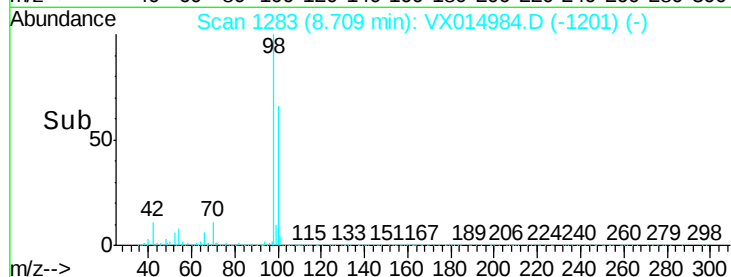
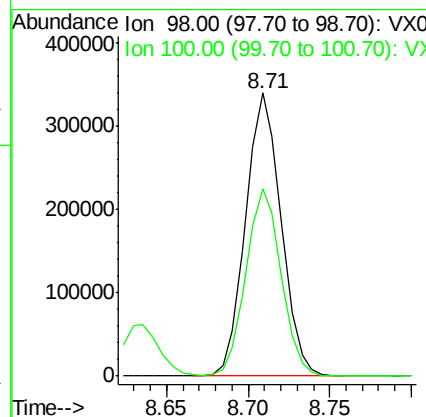
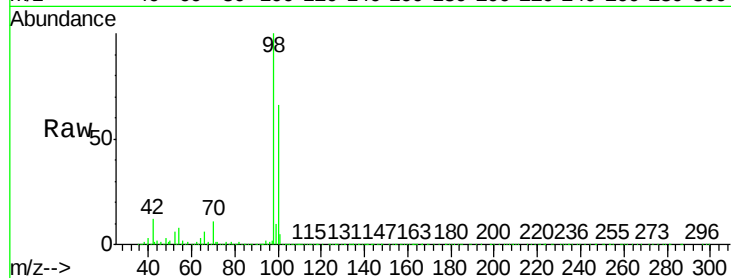
100 66.0 52.8 79.2

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#64

Chlorobenzene

Concen: 18.638 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX014984.D

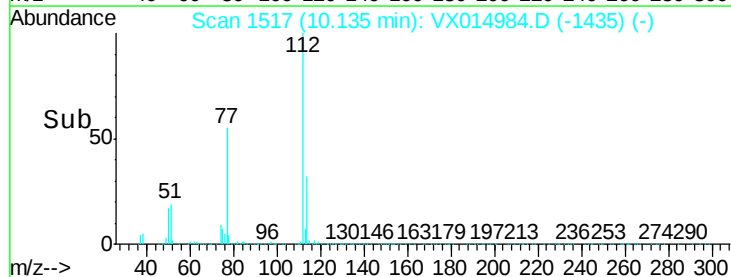
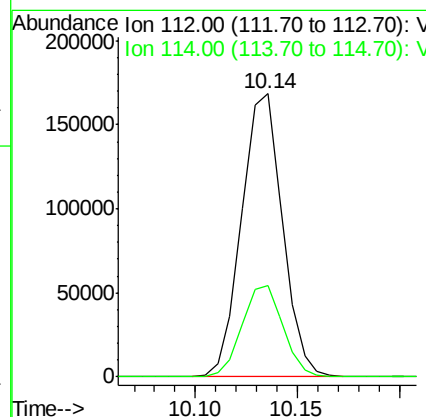
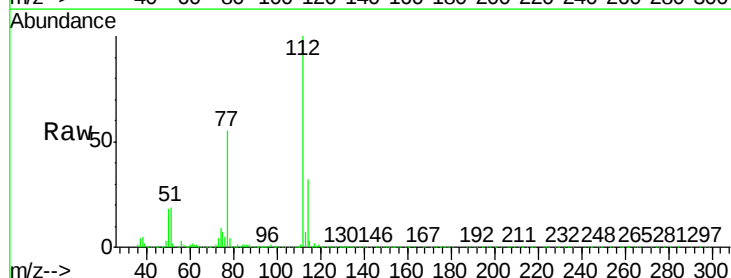
Acq: 21 Feb 2020 09:37

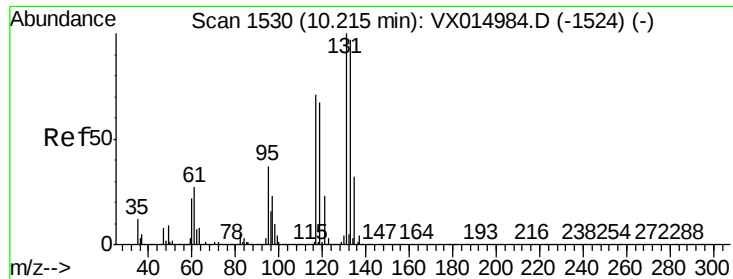
Tgt Ion: 112 Resp: 235273

Ion Ratio Lower Upper

112 100

114 32.2 25.8 38.6





#65

1,1,1,2-Tetrachloroethane

Concen: 18.717 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

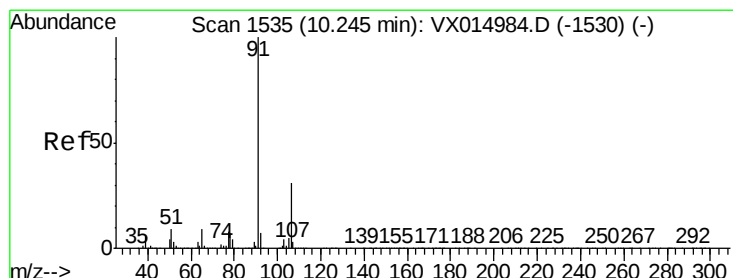
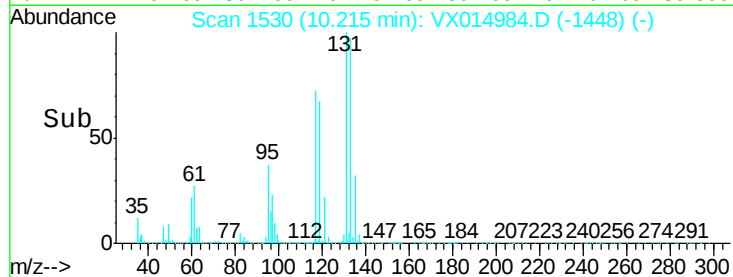
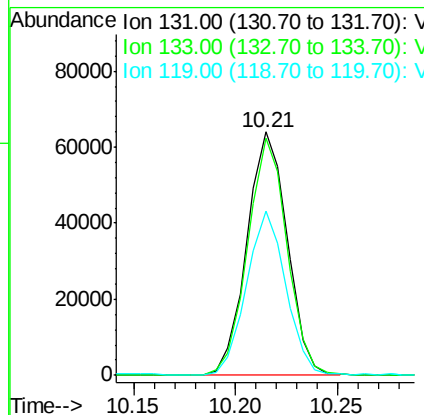
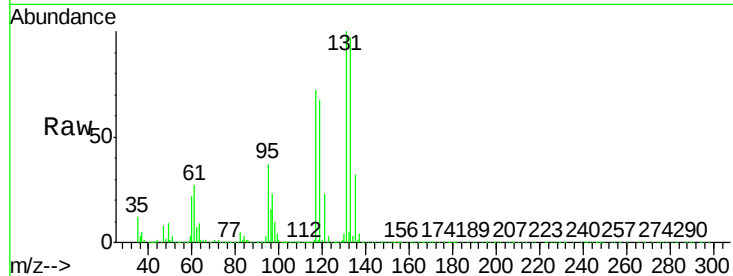
ClientSampleId :

VSTDICCC020

Tot Ion	Ratio	Lower	Upper
131	100		
133	95.7	0.0	191.4
119	66.0	0.0	132.0

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#66

Ethyl Benzene

Concen: 18.471 ug/l

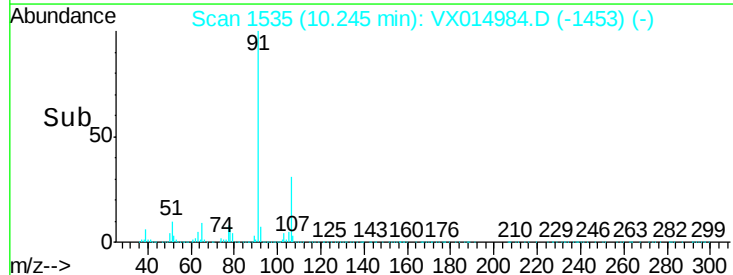
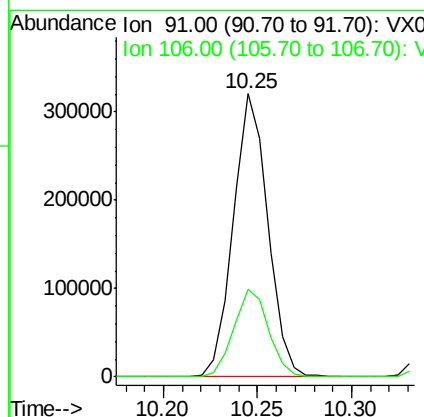
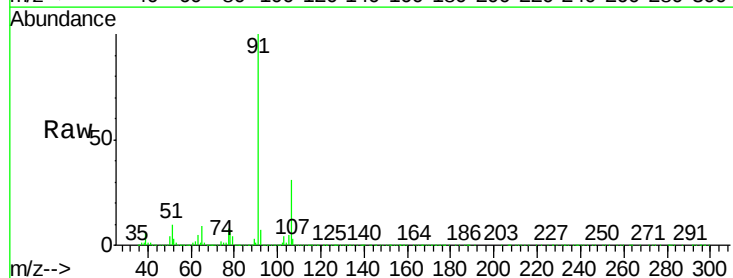
RT: 10.25 min Scan# 1535

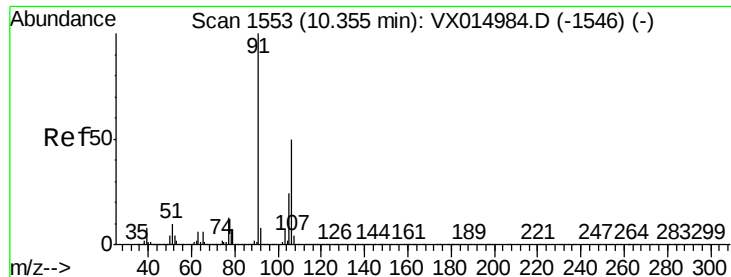
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
91	100		
106	30.9	24.7	37.1





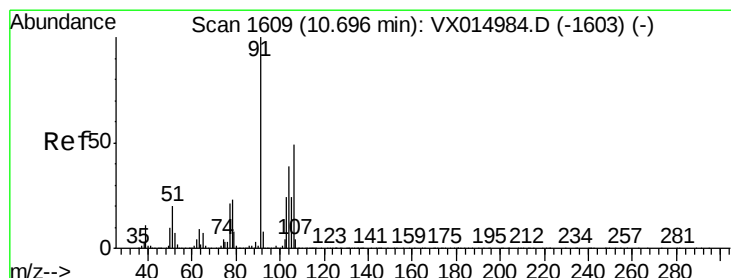
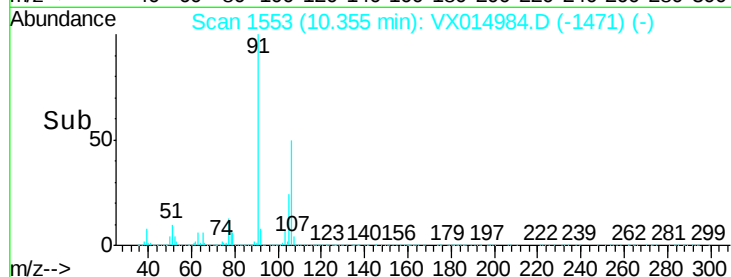
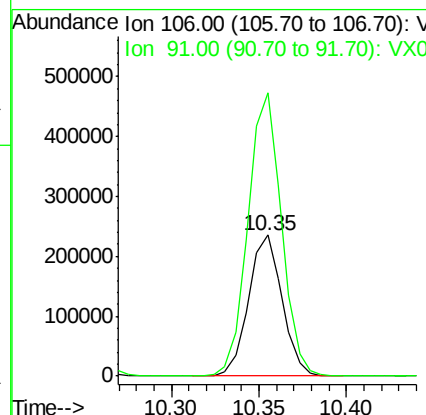
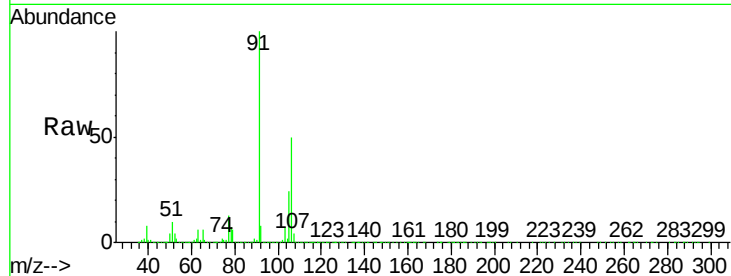
#67
m/p-Xvlenes
Concen: 37.061 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampled :
VSTDICCC020

Tot Ion:106 Resp: 312632
Ion Ratio Lower Upper
106 100
91 200.5 160.4 240.6

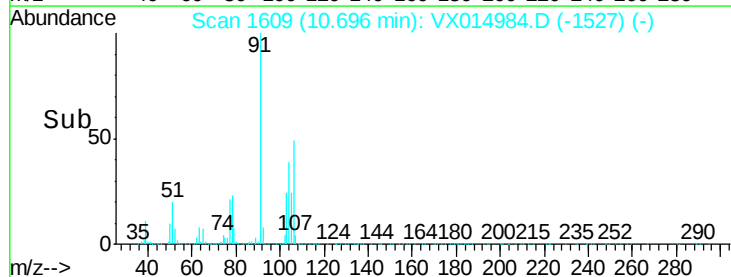
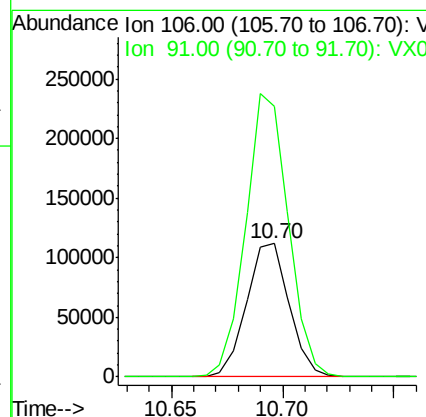
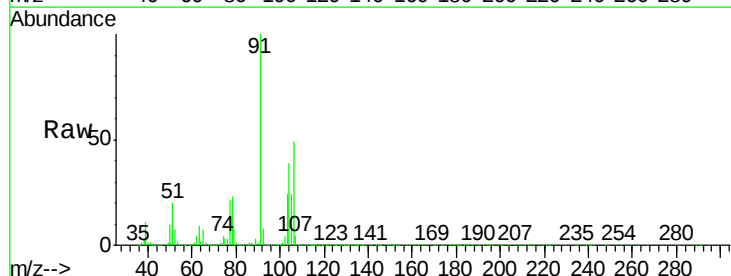
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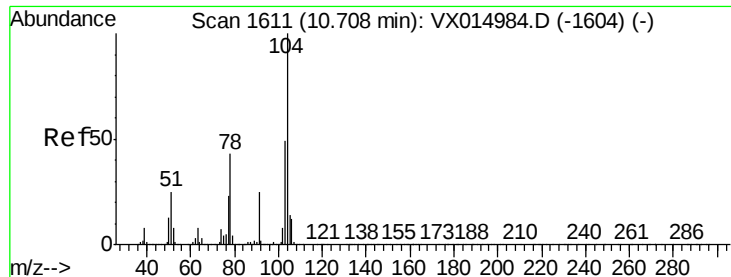
MMDadoda
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#68
o-Xylene
Concen: 18.313 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion:106 Resp: 150327
Ion Ratio Lower Upper
106 100
91 210.6 105.3 315.9





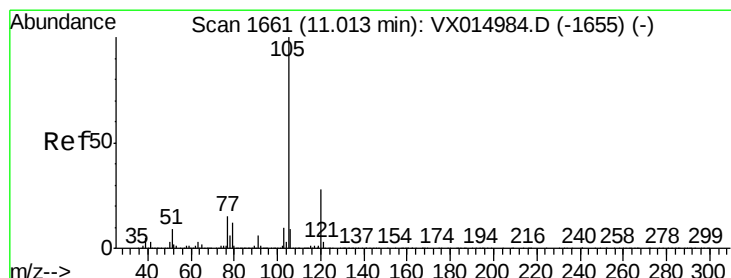
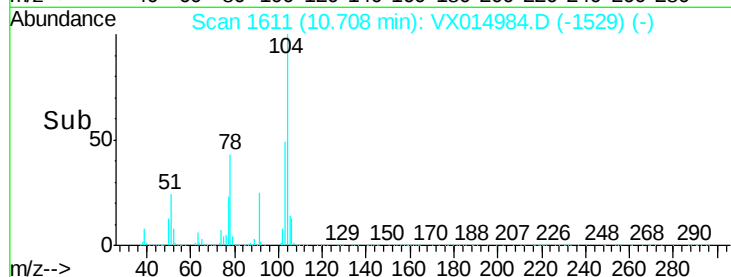
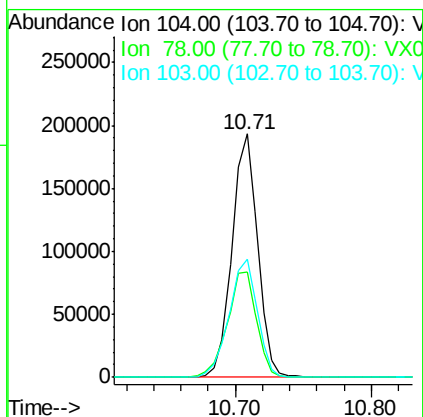
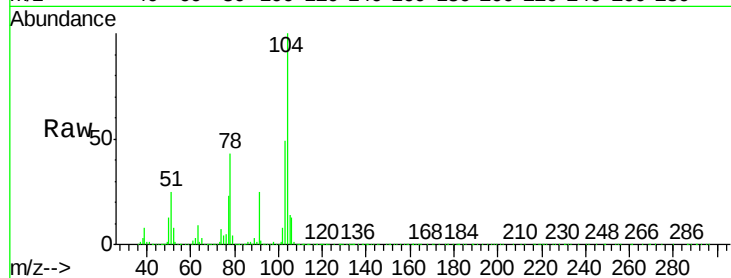
#69
Stvrene
Concen: 18.194 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
104	100		
78	49.3	39.4	59.2
103	53.6	42.9	64.3

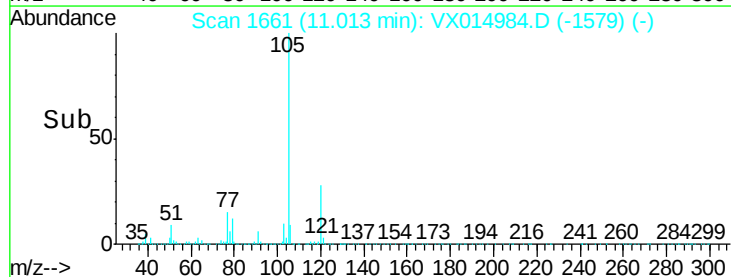
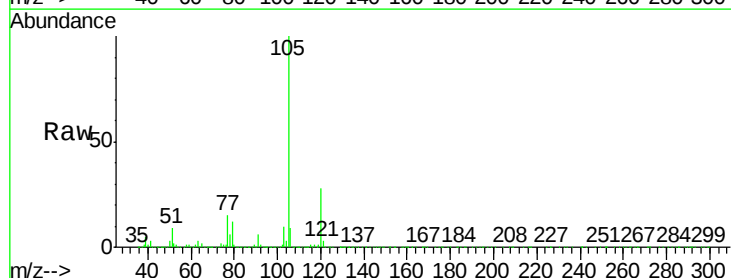
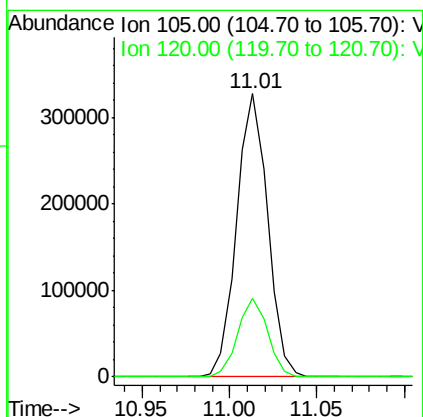
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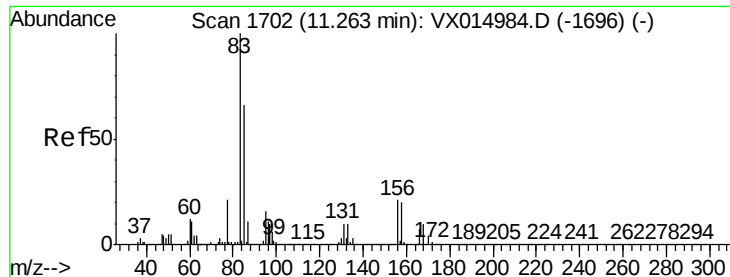
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#70
Isopropylbenzene
Concen: 18.687 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.8	35.0





#71

1,1,2,2-Tetrachloroethane

Concen: 18.037 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

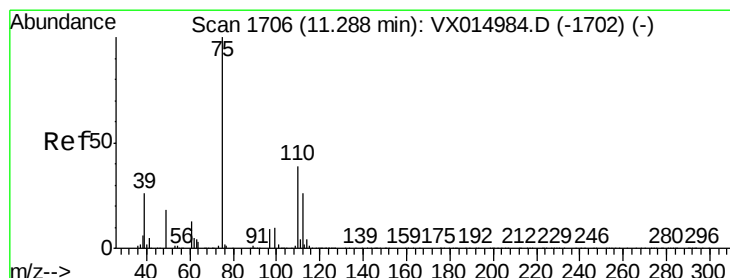
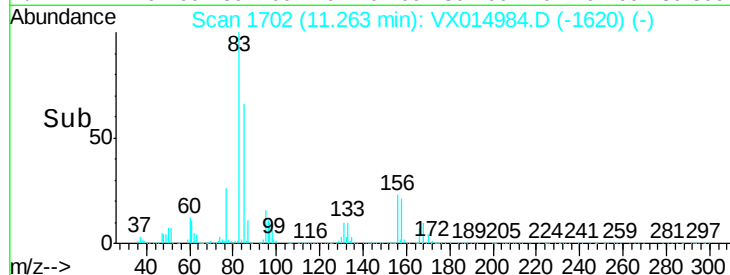
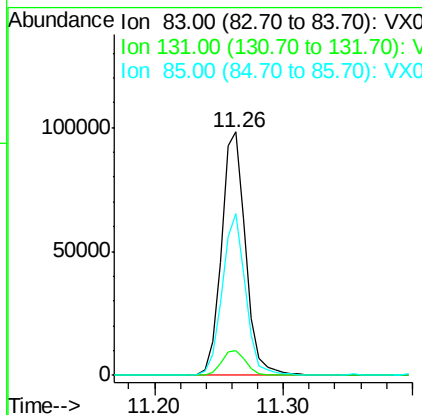
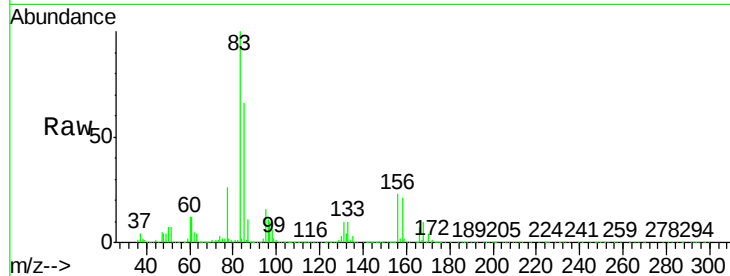
ClientSampleId :

VSTDICCC020

Tot Ion:	83	Resp:	129821
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.4
85	64.4	32.2	96.6

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#72

1,2,3-Trichloropropane

Concen: 17.243 ug/l m

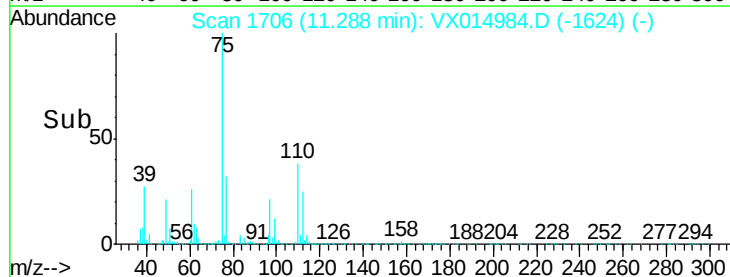
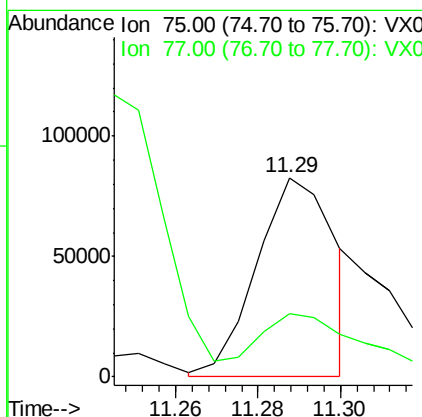
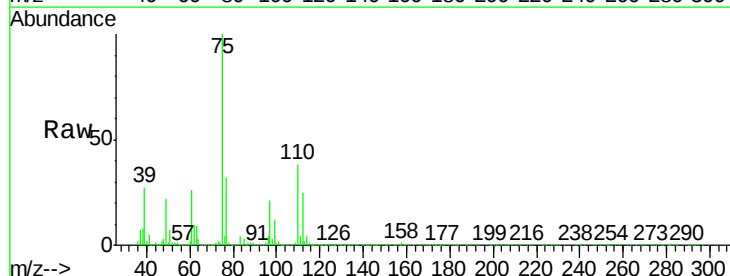
RT: 11.29 min Scan# 1706

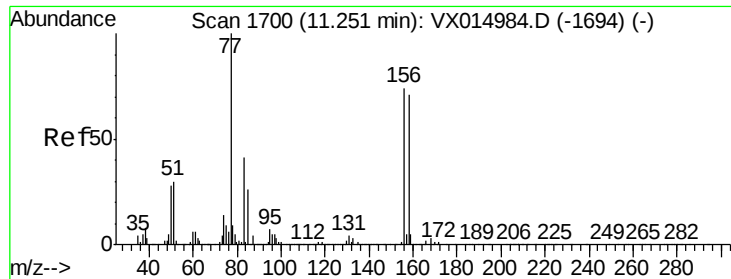
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	75	Resp:	108606
Ion Ratio	Lower	Upper	
75	100		
77	43.2	0.0	75.4





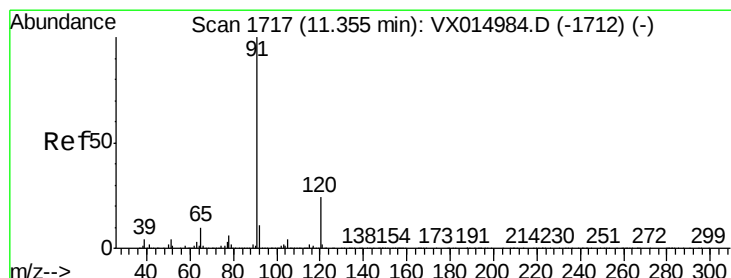
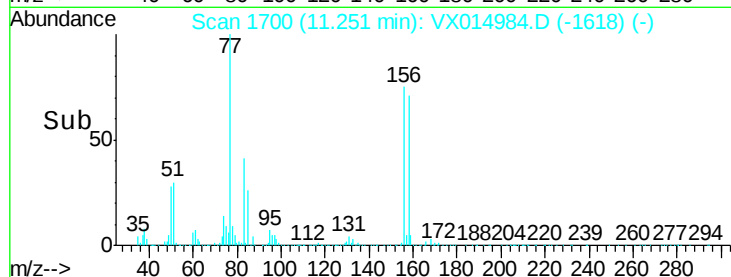
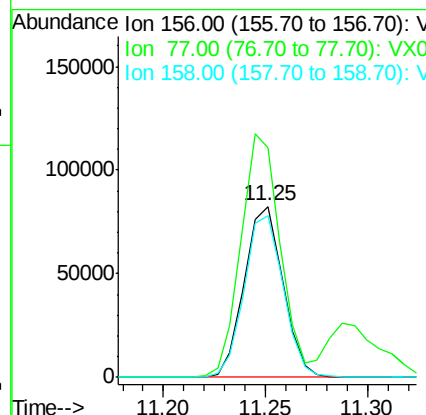
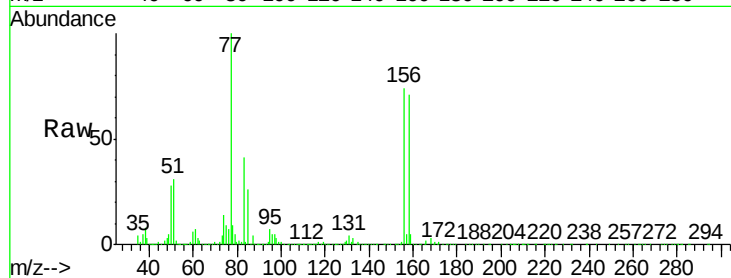
#73
Bromobenzene
Concen: 18.938 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
156	100		
77	143.4	0.0	286.8
158	95.9	0.0	191.8

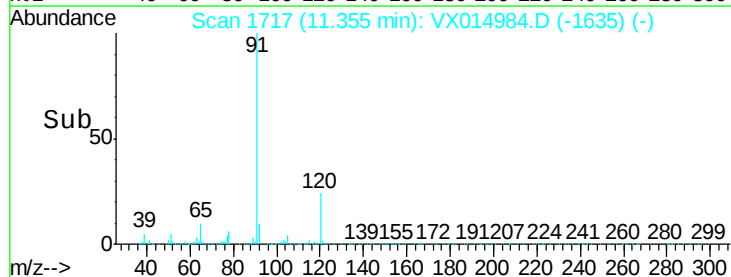
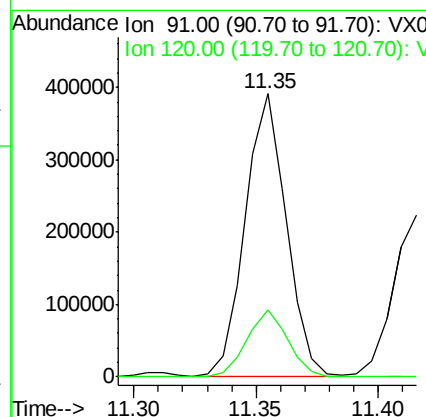
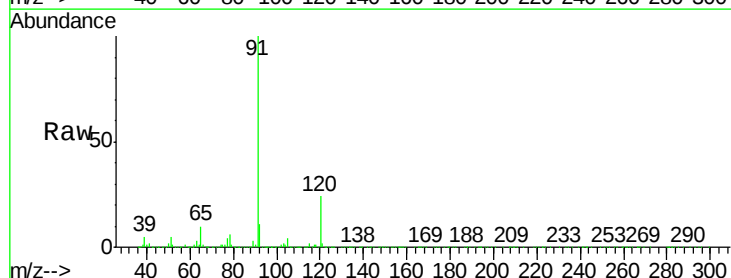
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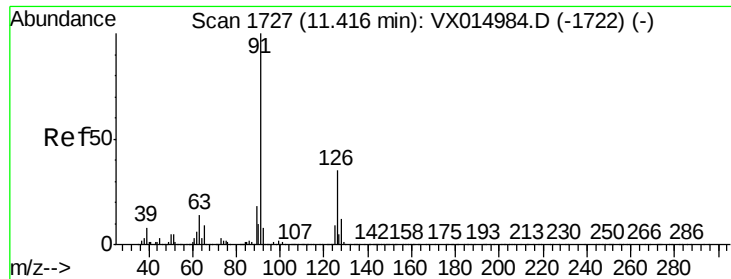
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#74
n-propylbenzene
Concen: 18.516 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.5	0.0	47.0





#75

2-Chlorotoluene

Concen: 18.529 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion: 91 Resp: 274042

Ion Ratio Lower Upper

91 100

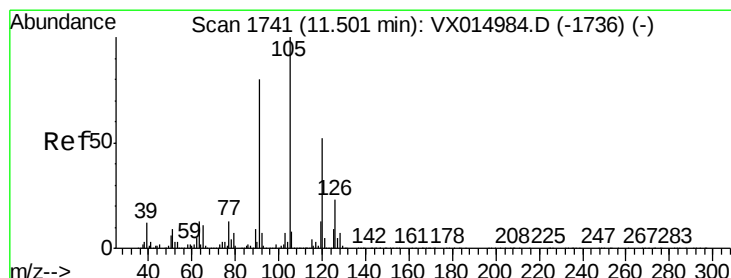
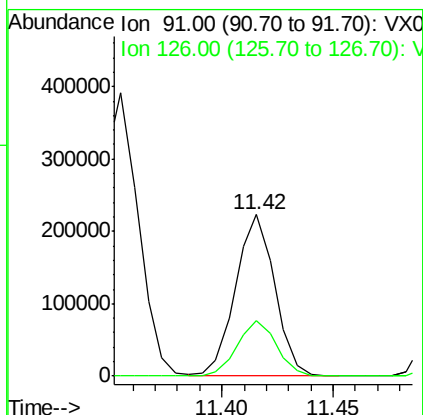
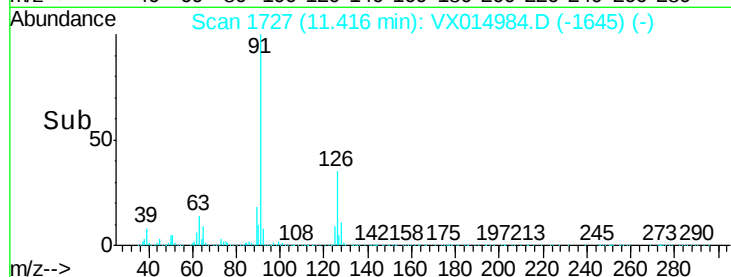
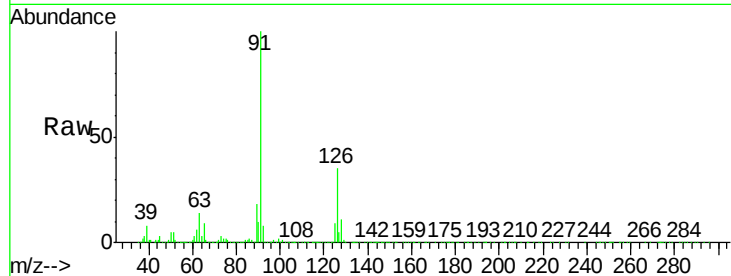
126 34.5 0.0 69.0

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 18.721 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX014984.D

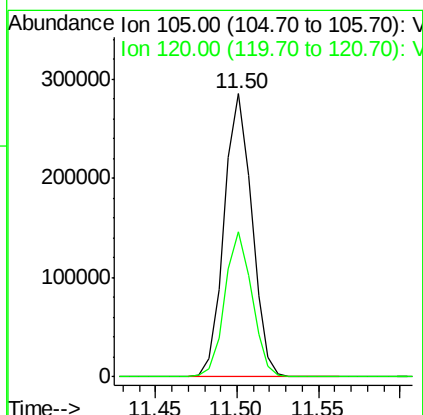
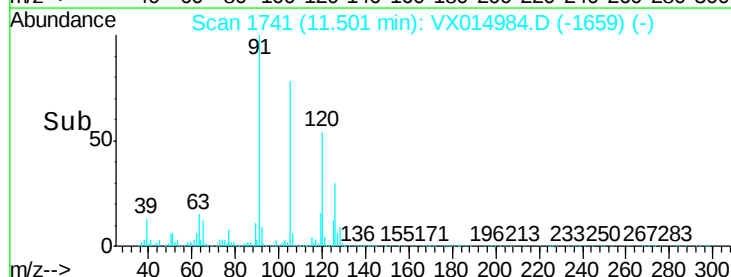
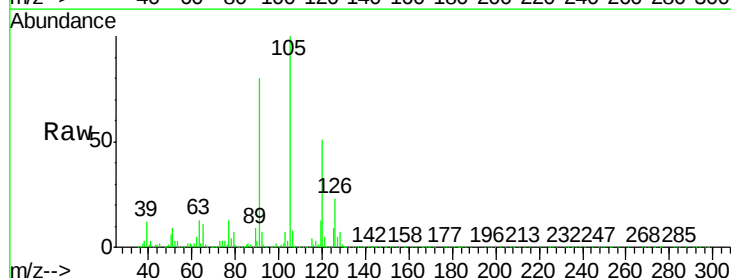
Acq: 21 Feb 2020 09:37

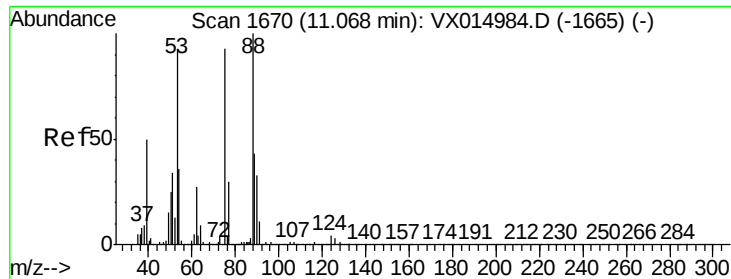
Tgt Ion: 105 Resp: 337365

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.0





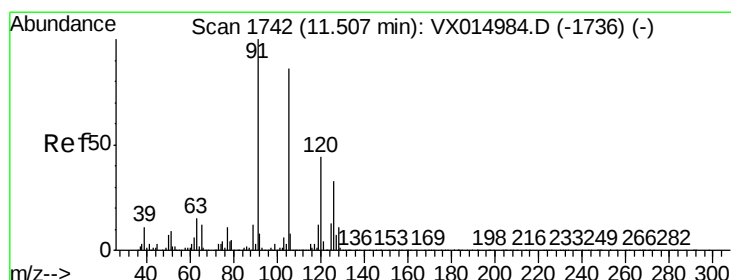
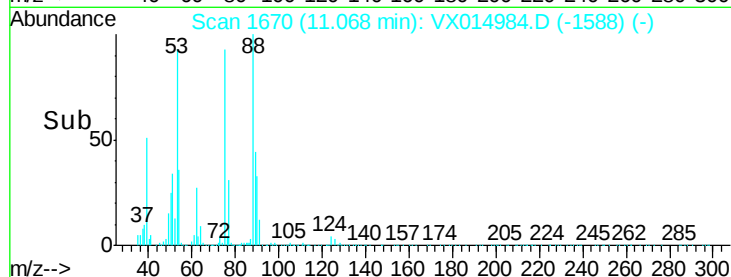
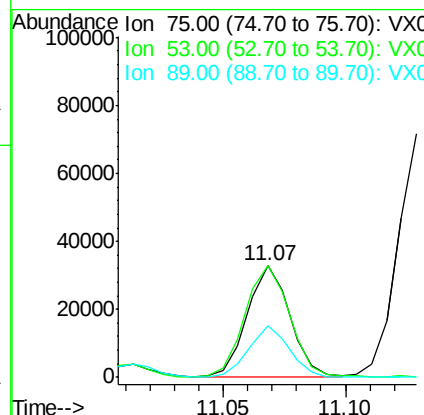
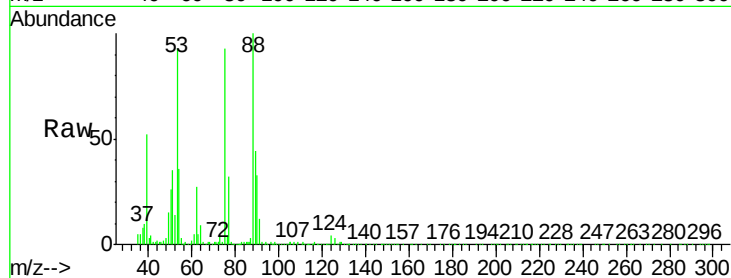
#77
t-1,4-Dichloro-2-butene
Concen: 16.740 ug/l
RT: 11.07 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.9	50.0	149.8
89	47.0	23.5	70.5

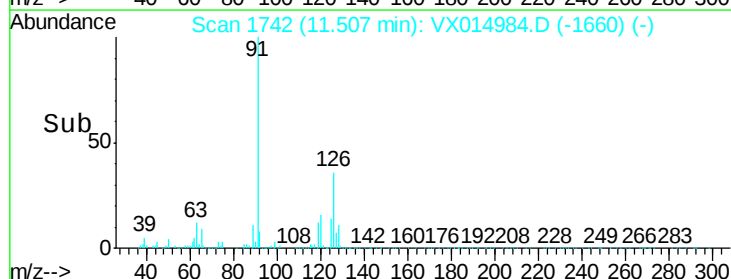
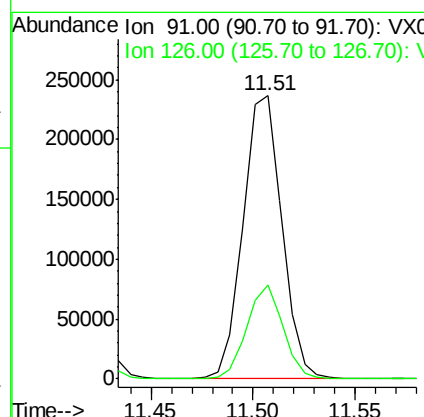
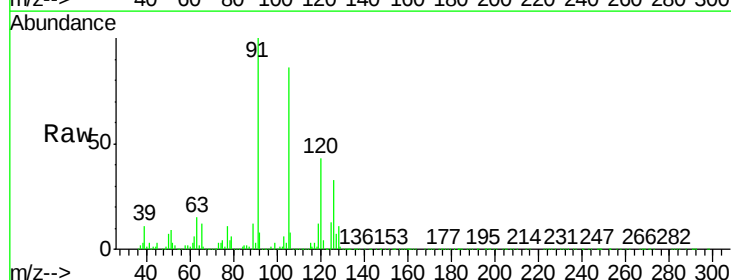
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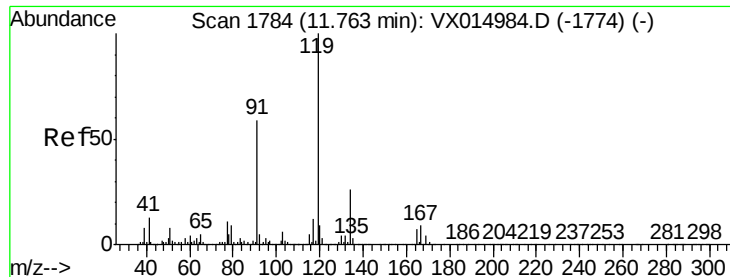
MMDadoda
2/24/2020 11:28:49 AM



#78
4-Chlorotoluene
Concen: 18.509 ug/l
RT: 11.51 min Scan# 1742
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
91	100		
126	31.0	0.0	62.0





#79

tert-butylbenzene

Concen: 18.938 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

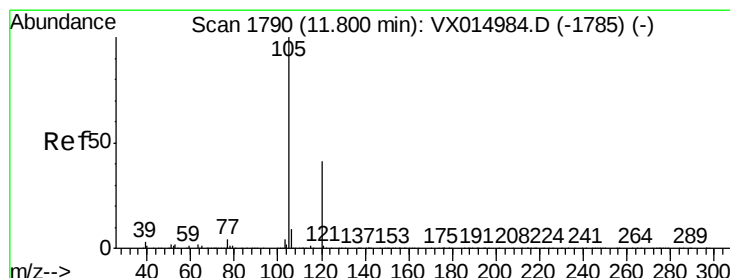
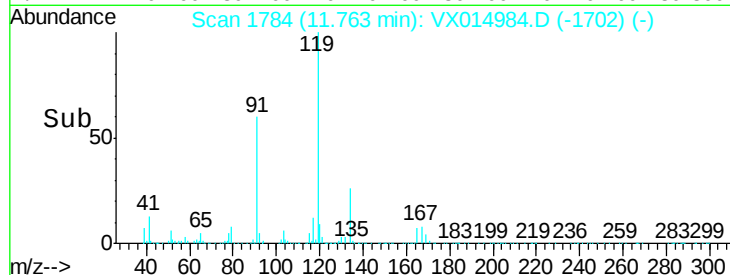
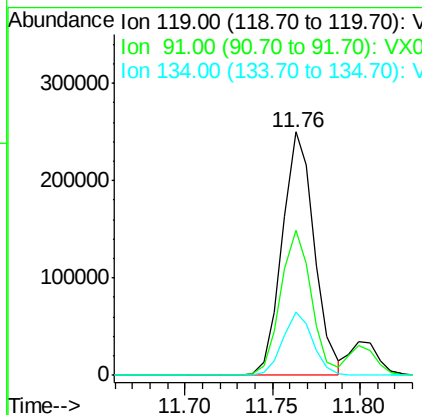
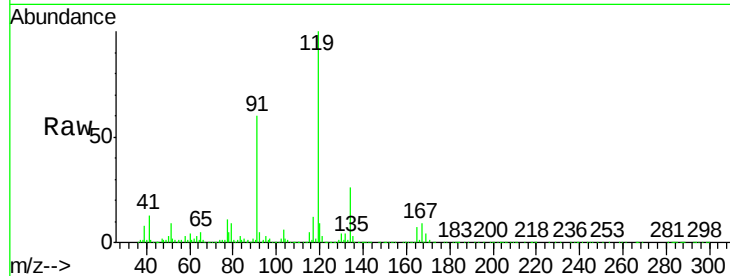
ClientSampleId :

VSTDICCC020

Tot Ion:	119	Resp:	321121
Ion Ratio	Lower	Upper	
119	100		
91	57.2	0.0	114.4
134	24.4	0.0	48.8

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#80

1,2,4-Trimethylbenzene

Concen: 18.707 ug/l

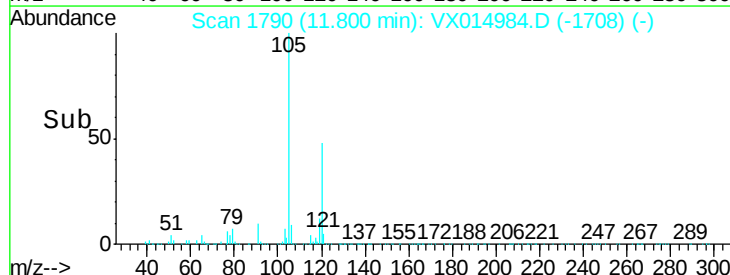
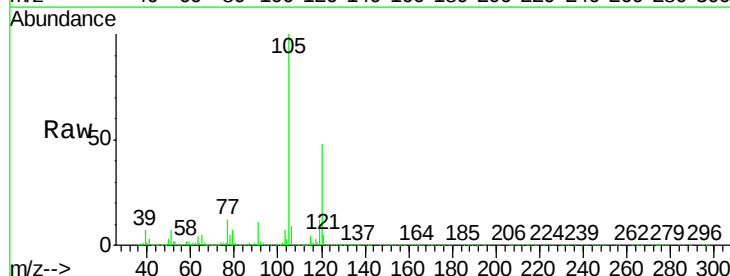
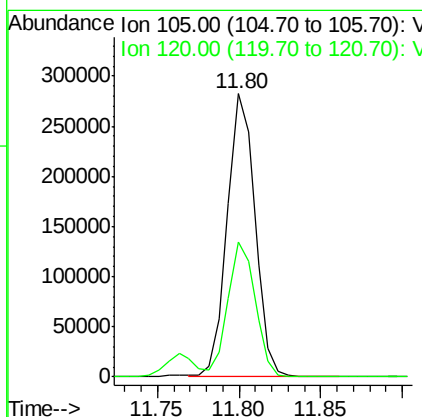
RT: 11.80 min Scan# 1790

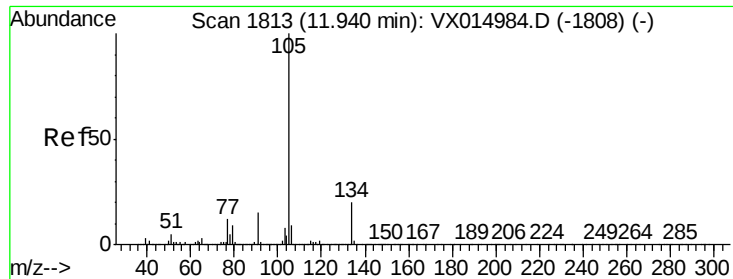
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion:	105	Resp:	335402
Ion Ratio	Lower	Upper	
105	100		
120	46.7	0.0	93.4





#81

sec-Butylbenzene

Concen: 18.574 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Instrument :

MSVOA_X

ClientSampleId :

VSTDICCC020

Tot Ion:105 Resp: 388571

Ion Ratio Lower Upper

105 100

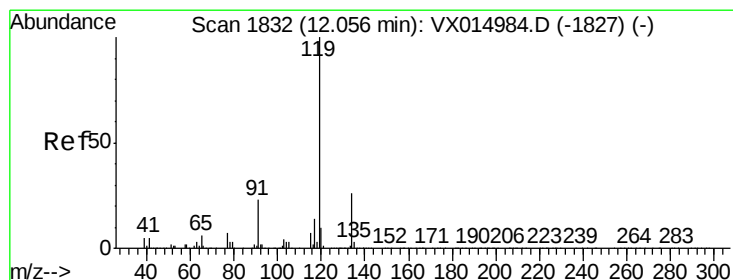
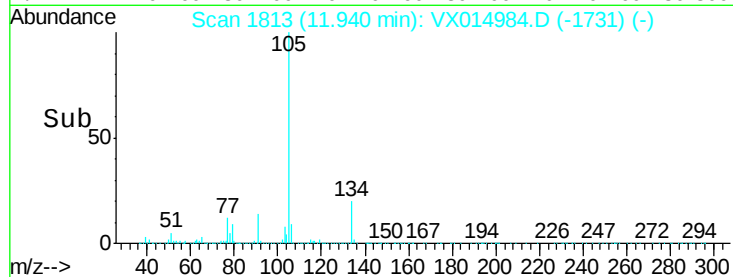
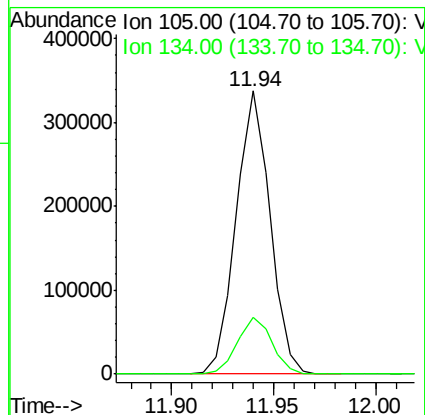
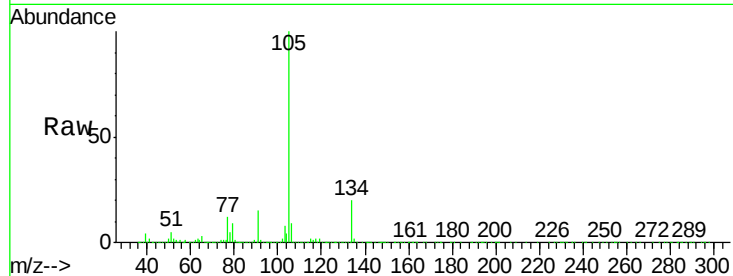
134 20.4 0.0 40.8

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#82

p-Isopropyltoluene

Concen: 18.851 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

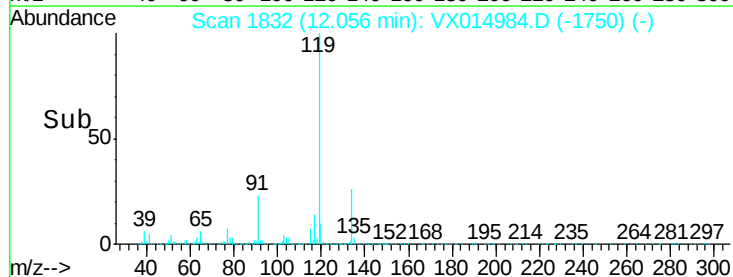
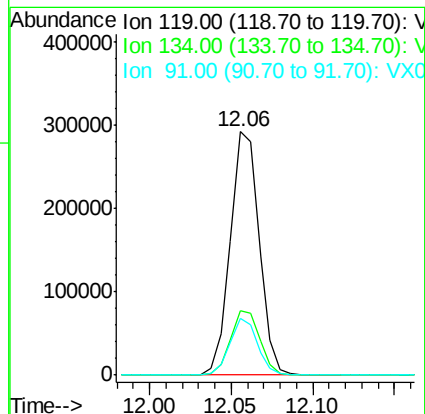
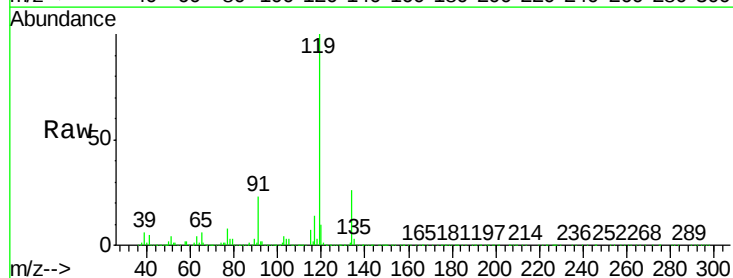
Tgt Ion:119 Resp: 360442

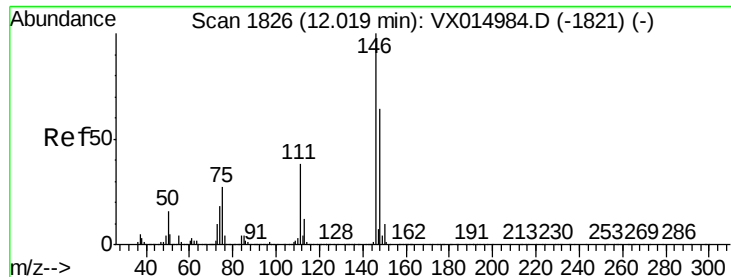
Ion Ratio Lower Upper

119 100

134 26.6 0.0 53.2

91 22.3 0.0 44.6





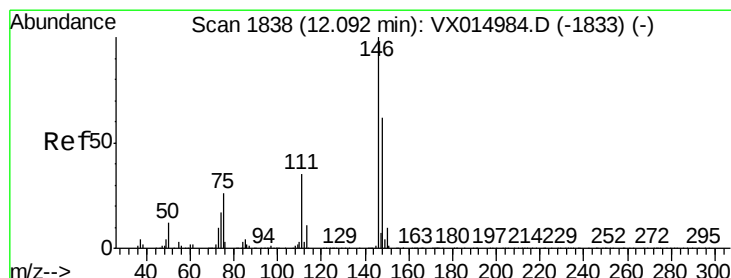
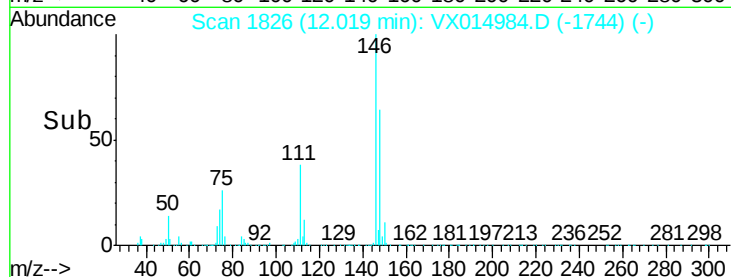
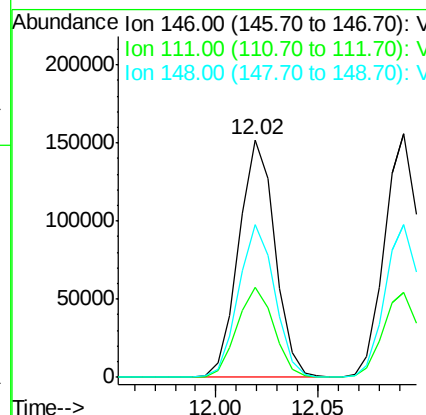
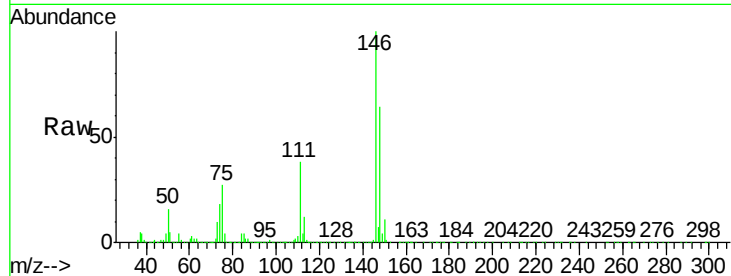
#83
 1,3-Dichlorobenzene
 Concen: 18.584 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.9
148	64.6	32.3	96.9

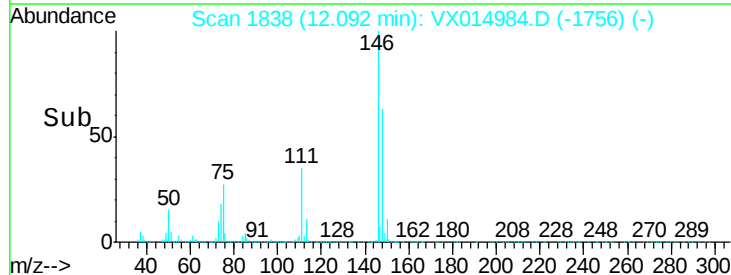
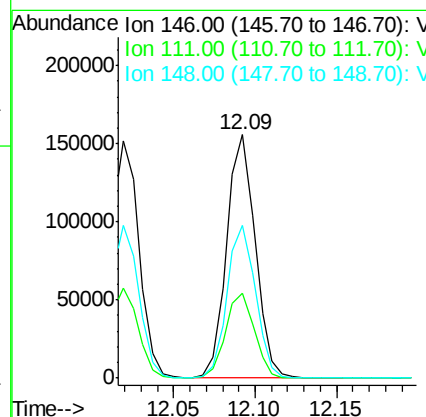
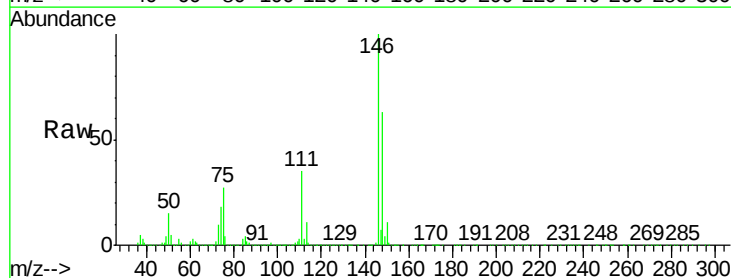
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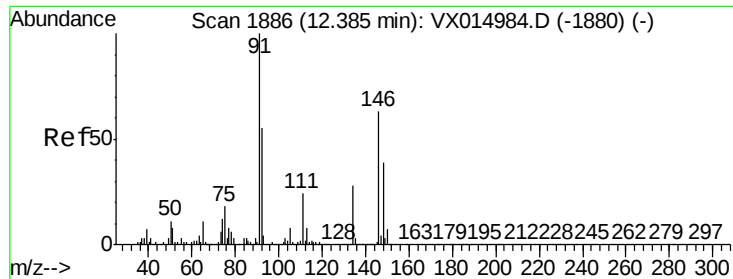
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#84
 1,4-Dichlorobenzene
 Concen: 18.903 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.8	53.5
148	62.8	31.4	94.2





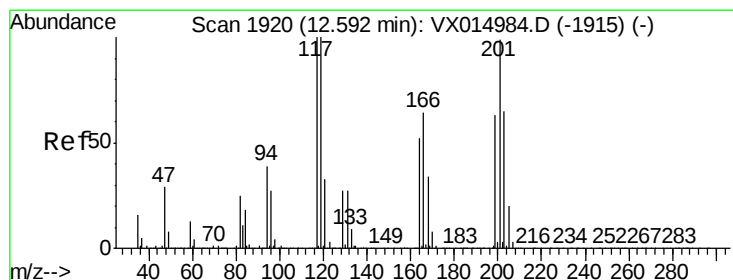
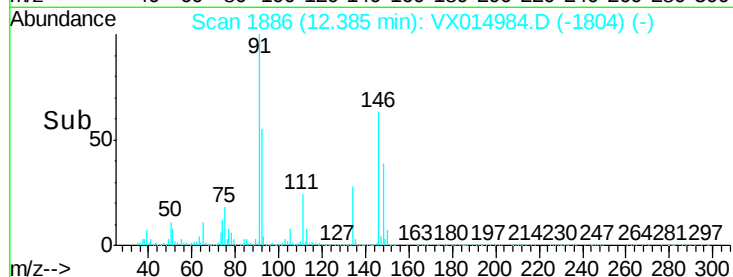
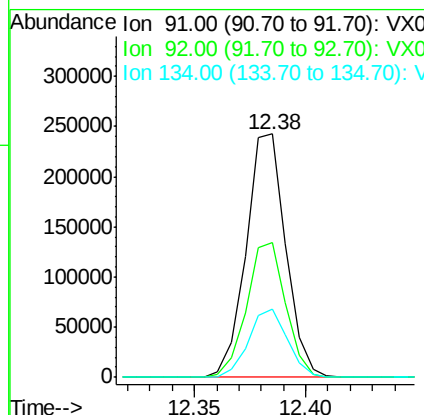
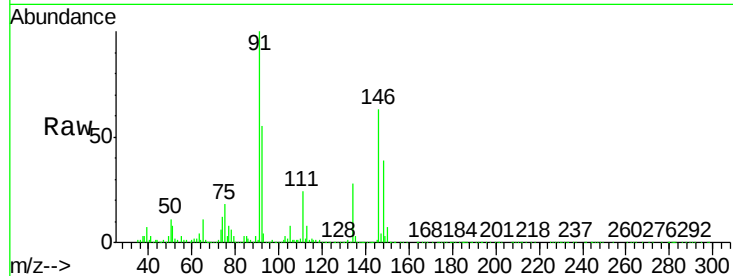
#85
n-Butylbenzene
Concen: 17.978 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.9	0.0	109.8
134	27.4	0.0	54.8

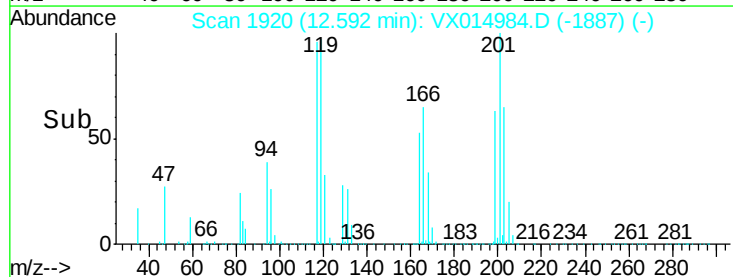
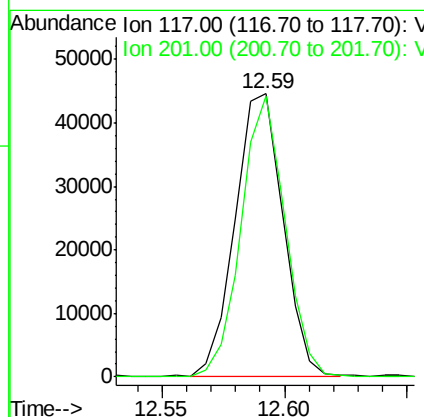
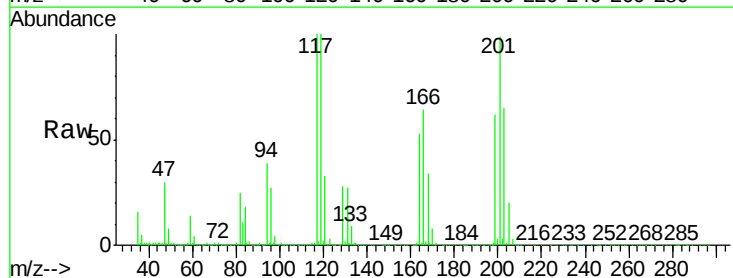
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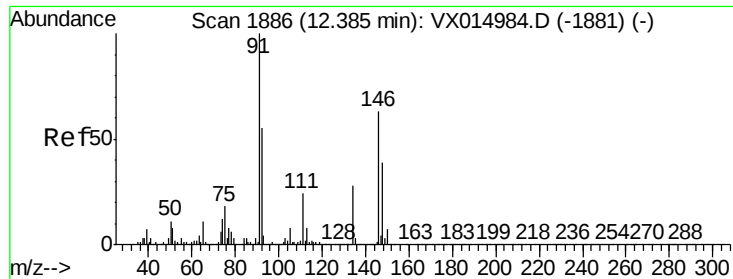
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#86
Hexachloroethane
Concen: 17.748 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
117	100		
201	91.1	45.6	136.7





#87

1,2-Dichlorobenzene

Concen: 18.536 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

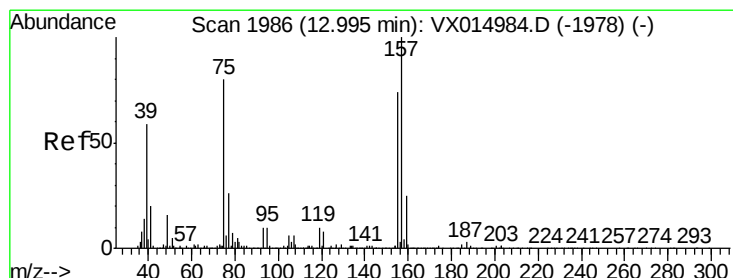
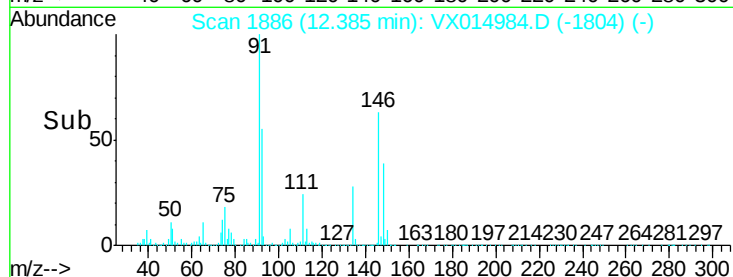
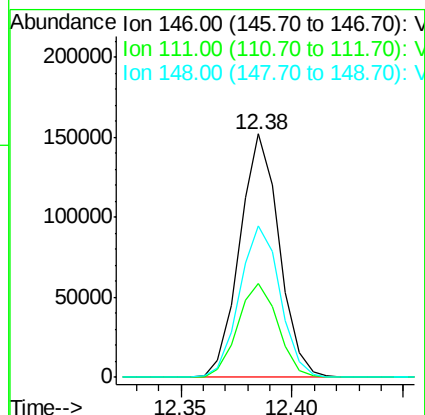
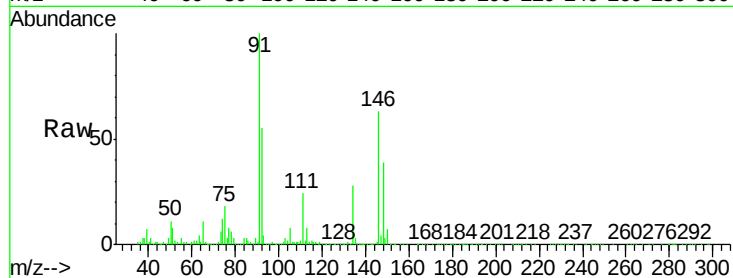
Instrument :
MSVOA_X

ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	19.7	59.1
148	64.0	32.0	96.0

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#88

1,2-Dibromo-3-Chloropropane

Concen: 17.689 ug/l

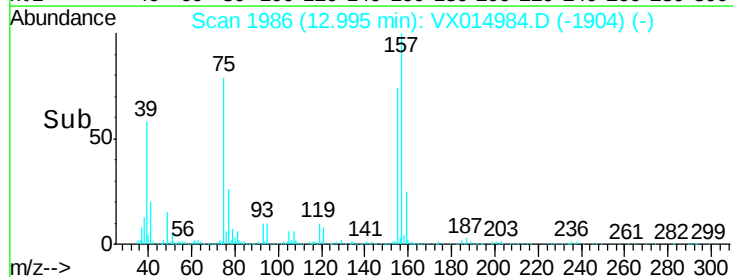
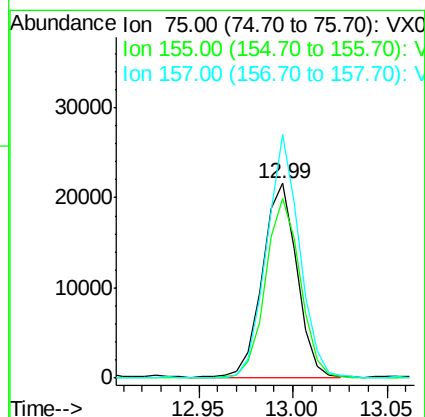
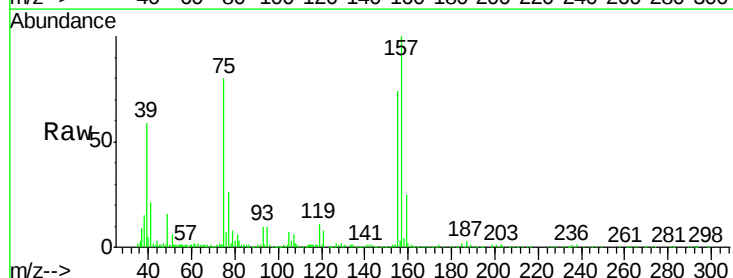
RT: 12.99 min Scan# 1986

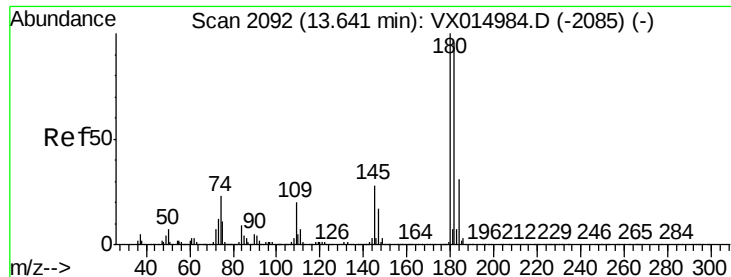
Delta R.T. 0.00 min

Lab File: VX014984.D

Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.1	74.5	111.7
157	120.3	96.2	144.4





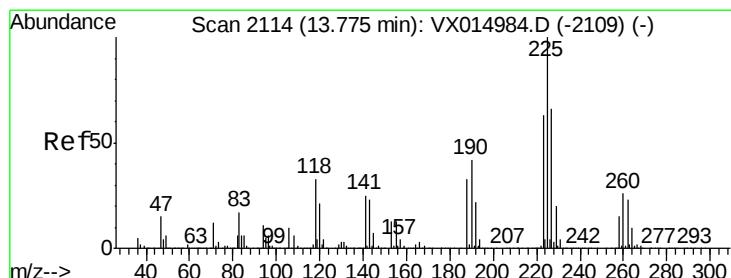
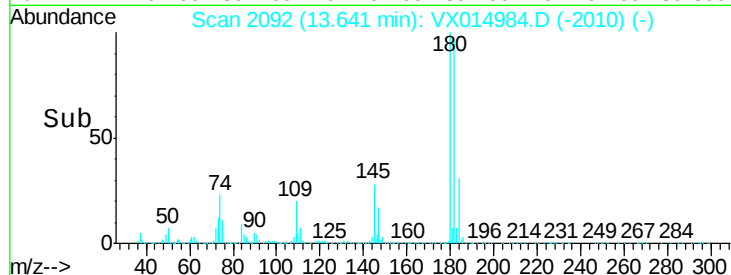
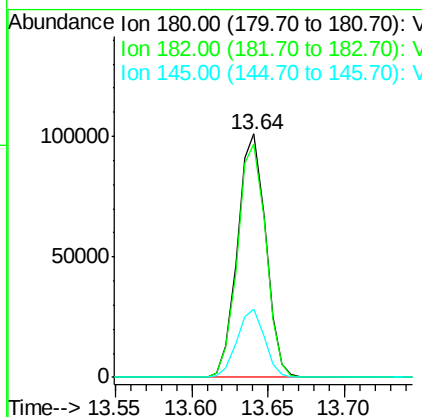
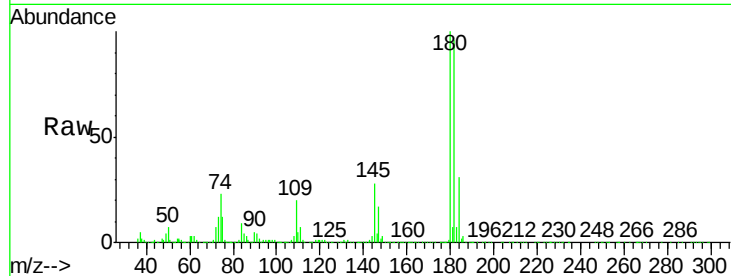
#89
 1,2,4-Trichlorobenzene
 Concen: 19.157 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC020

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129693		
182	95.5	76.4	114.6	
145	27.2	21.8	32.6	

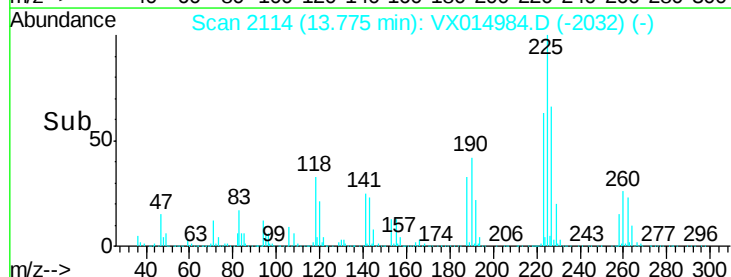
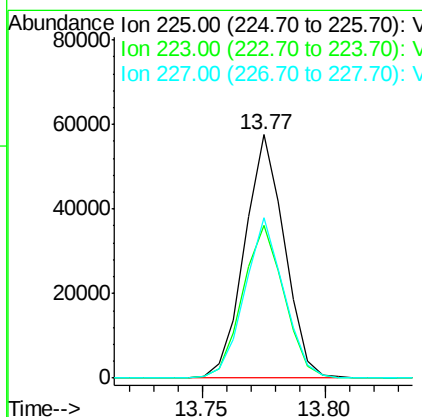
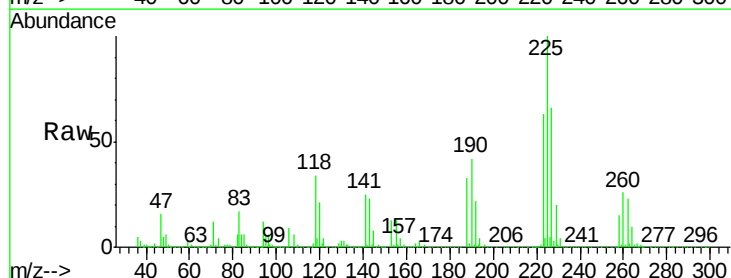
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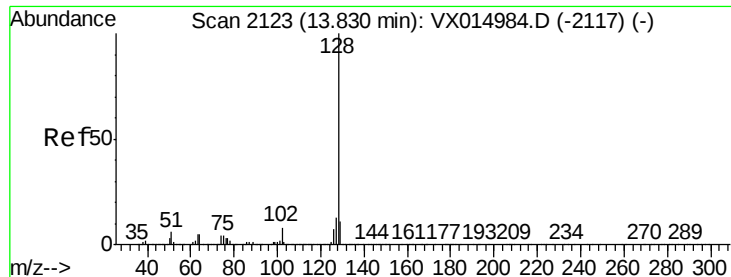
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#90
 Hexachlorobutadiene
 Concen: 19.191 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. 0.00 min
 Lab File: VX014984.D
 Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	64770		
223	66.0	0.0	132.0	
227	65.5	0.0	131.0	





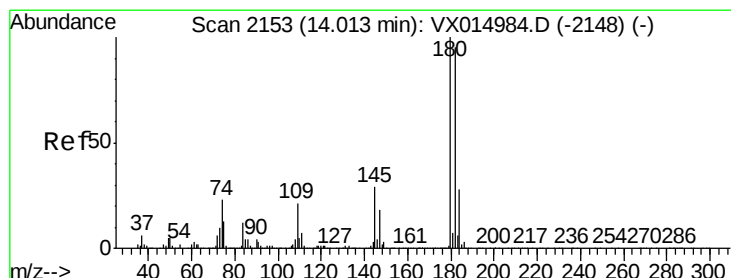
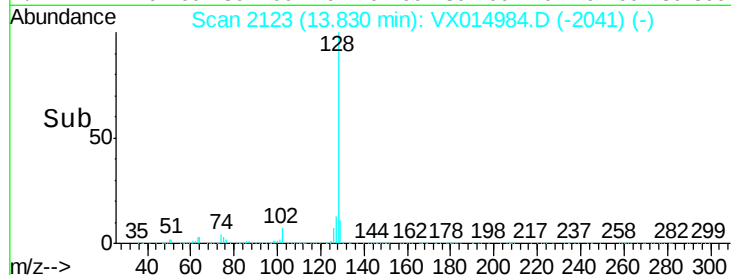
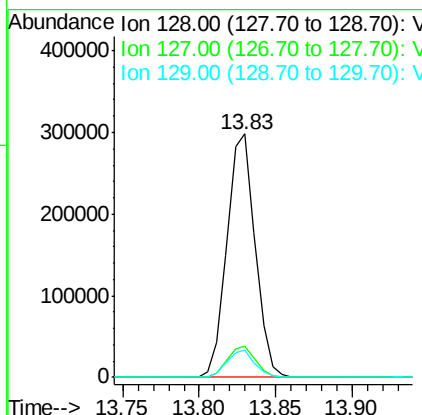
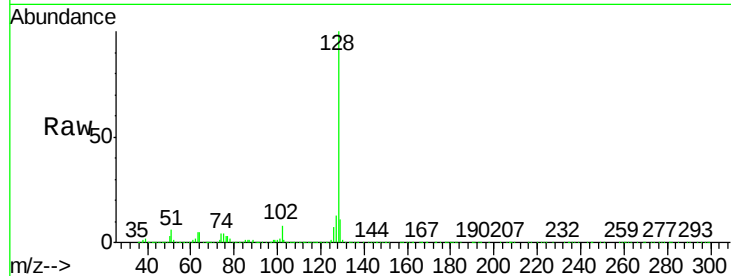
#91
Naphthalene
Concen: 18.792 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC020

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	10.8	8.6	13.0

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#92
1,2,3-Trichlorobenzene
Concen: 19.040 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX014984.D
Acq: 21 Feb 2020 09:37

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.2	0.0	192.4
145	30.2	0.0	60.4

