

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041620\
 Data File : VX015704.D
 Acq On : 16 Apr 2020 12:14
 Operator : JC/SP
 Sample : VX0416WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:33 AM

Quant Time: Apr 17 07:17:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1014920	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1486194	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1388056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	756218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	649653	45.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.76%	
35) Dibromofluoromethane	5.47	113	491325	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	
50) Toluene-d8	8.70	98	1805457	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.12	95	725014	51.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	144618	16.174	ug/l	100
3) Chloromethane	1.31	50	178171	15.647	ug/l	99
4) Vinyl Chloride	1.39	62	179334	17.152	ug/l	99
5) Bromomethane	1.64	94	120258	20.117	ug/l	97
6) Chloroethane	1.72	64	114106	17.596	ug/l	98
7) Trichlorofluoromethane	1.92	101	254967	18.183	ug/l	98
8) Diethyl Ether	2.17	74	107801	18.227	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	173498	18.980	ug/l	95
10) Methyl Iodide	2.50	142	160036	12.985	ug/l	98
11) Tert butyl alcohol	3.01	59	247132	72.130	ug/l	100
12) 1,1-Dichloroethene	2.36	96	163198	17.032	ug/l	95
13) Acrolein	2.28	56	189390	97.037	ug/l	100
14) Allyl chloride	2.71	41	358332	16.005	ug/l	99
15) Acrylonitrile	3.12	53	556931	85.235	ug/l	99
16) Acetone	2.42	43	504574	82.048	ug/l	97
17) Carbon Disulfide	2.55	76	427119	14.612	ug/l	99
18) Methyl Acetate	2.75	43	266790	16.997	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	657216	17.685	ug/l	99
20) Methylene Chloride	2.84	84	195287	17.001	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	182672	17.178	ug/l	98
22) Diisopropyl ether	3.83	45	708932	17.869	ug/l	96
23) Vinyl Acetate	3.78	43	3103579	86.402	ug/l	100
24) 1,1-Dichloroethane	3.67	63	351448	16.825	ug/l	98
25) 2-Butanone	4.64	43	798960	80.784	ug/l	98
26) 2,2-Dichloropropane	4.54	77	312240	18.211	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	218447	17.755	ug/l	98
28) Bromochloromethane	4.98	49	176425	17.690	ug/l	95
29) Tetrahydrofuran	5.09	42	506596	79.677	ug/l	98
30) Chloroform	5.18	83	353413	17.586	ug/l	98
31) Cyclohexane	5.55	56	316704	17.478	ug/l	94
32) 1,1,1-Trichloroethane	5.46	97	307963	16.933	ug/l	99
36) 1,1-Dichloropropene	5.76	75	256427	18.726	ug/l	98
37) Ethyl Acetate	4.79	43	315647	17.703	ug/l	99
38) Carbon Tetrachloride	5.76	117	277579	18.715	ug/l	97

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Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:33 AM

Quant Time: Apr 17 07:17:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	311401	19.723	ug/l	99
40) Benzene	6.11	78	764884	19.069	ug/l	96
41) Methacrylonitrile	5.00	41	180920	18.279	ug/l	98
42) 1,2-Dichloroethane	6.17	62	311346	19.323	ug/l	98
43) Isopropyl Acetate	6.41	43	530789	17.635	ug/l	98
44) Trichloroethene	7.19	130	217467	19.879	ug/l	94
45) 1,2-Dichloropropane	7.49	63	209105	19.056	ug/l	100
46) Dibromomethane	7.64	93	137527	19.106	ug/l	97
47) Bromodichloromethane	7.88	83	283587	18.489	ug/l	94
48) Methyl methacrylate	7.75	41	265860	17.684	ug/l	97
49) 1,4-Dioxane	7.72	88	101680	362.546	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1585243	92.934	ug/l	100
52) Toluene	8.76	92	484268	19.582	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	324388	18.033	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	345850	18.874	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	198770	19.618	ug/l	94
56) Ethyl methacrylate	9.16	69	320984	17.976	ug/l	99
57) 1,3-Dichloropropane	9.36	76	350126	19.180	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	825270	95.017	ug/l	100
59) 2-Hexanone	9.47	43	1175827	91.304	ug/l	99
60) Dibromochloromethane	9.56	129	232706	19.113	ug/l	98
61) 1,2-Dibromoethane	9.65	107	213258	19.357	ug/l	99
64) Tetrachloroethene	9.32	164	210199	20.066	ug/l	98
65) Chlorobenzene	10.12	112	547667	19.784	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	210930	19.073	ug/l	99
67) Ethyl Benzene	10.23	91	940618	19.159	ug/l	99
68) m/p-Xylenes	10.34	106	722291	39.508	ug/l	98
69) o-Xylene	10.68	106	349927	19.370	ug/l	100
70) Styrene	10.70	104	616303	19.387	ug/l	98
71) Bromoform	10.84	173	181979	18.076	ug/l #	97
73) Isopropylbenzene	11.00	105	941551	19.002	ug/l	99
74) N-amyl acetate	10.88	43	457043	16.585	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	300851	17.695	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	277741m	17.860	ug/l	
77) Bromobenzene	11.24	156	255290	19.316	ug/l	94
78) n-propylbenzene	11.34	91	1066427	18.822	ug/l	98
79) 2-Chlorotoluene	11.40	91	640201	18.435	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	810820	19.161	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	100161	15.454	ug/l	96
82) 4-Chlorotoluene	11.49	91	752982	18.496	ug/l	98
83) tert-Butylbenzene	11.76	119	810971	19.620	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	817100	18.948	ug/l	99
85) sec-Butylbenzene	11.93	105	932779	19.512	ug/l	100
86) p-Isopropyltoluene	12.05	119	891514	20.089	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	463073	19.572	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	469136	19.466	ug/l	99
89) n-Butylbenzene	12.37	91	770784	19.219	ug/l	98
90) Hexachloroethane	12.58	117	146250	16.931	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	452291	19.533	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	69276	14.436	ug/l	92

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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VX0416WBSD01

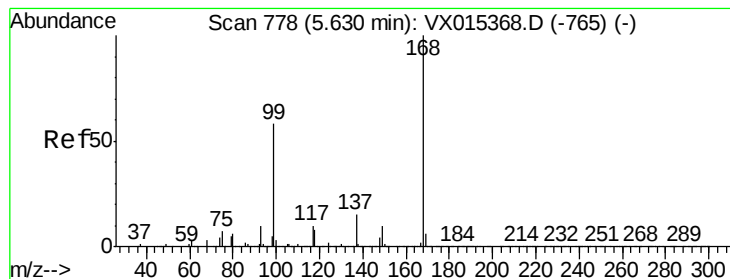
Manual Integrations
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4/17/2020 11:55:33 AM

Quant Time: Apr 17 07:17:31 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	359474	19.627	ug/l	99
94) Hexachlorobutadiene	13.77	225	171681	19.688	ug/l	96
95) Naphthalene	13.82	128	1008206	18.046	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353985	20.074	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

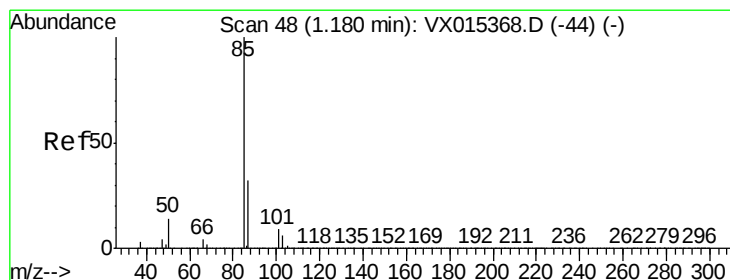
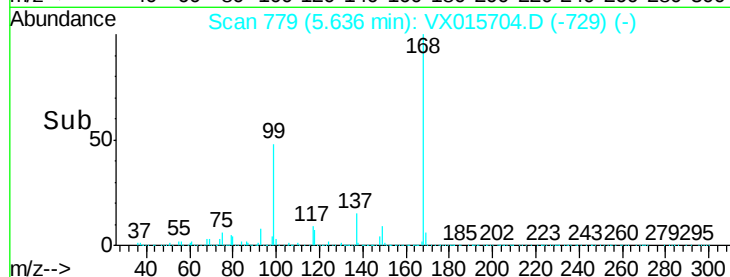
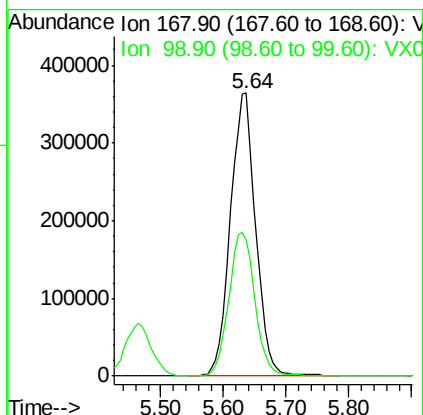
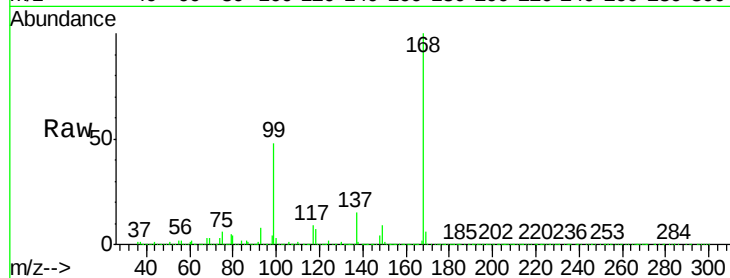
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion:168 Resp: 1014920
 Ion Ratio Lower Upper
 168 100
 99 48.1 46.4 69.6

Manual Integrations
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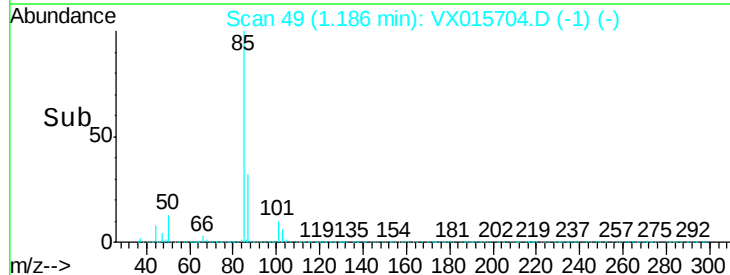
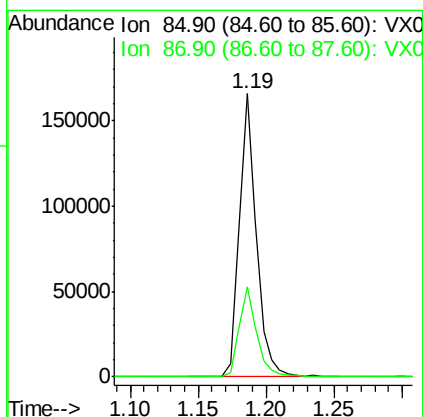
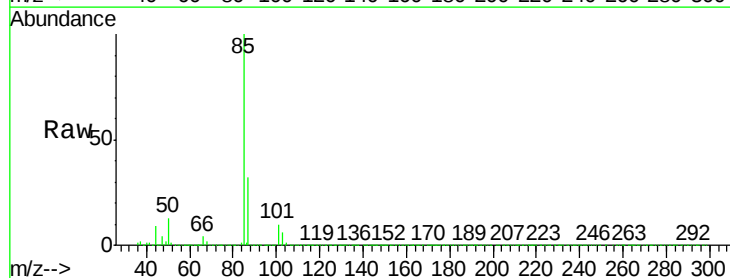
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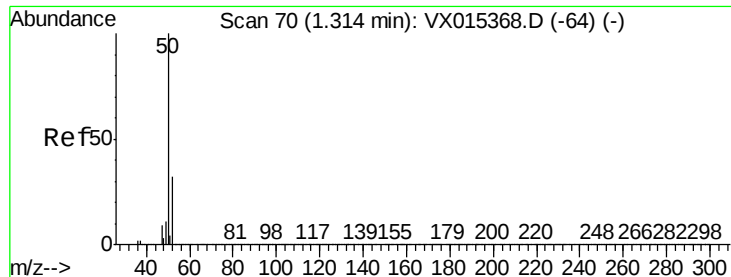


#2

Dichlorodifluoromethane
 Concen: 16.174 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion: 85 Resp: 144618
 Ion Ratio Lower Upper
 85 100
 87 31.8 16.0 47.9





#3

Chloromethane

Concen: 15.647 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 50 Resp: 178171

Ion Ratio Lower Upper

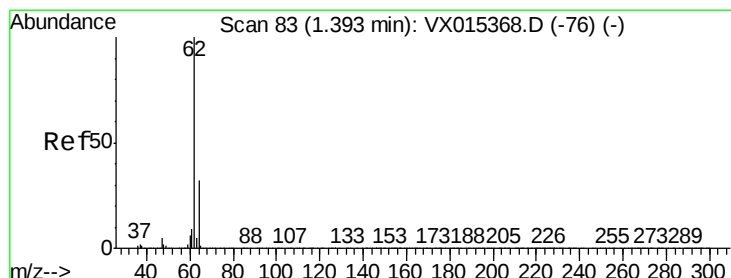
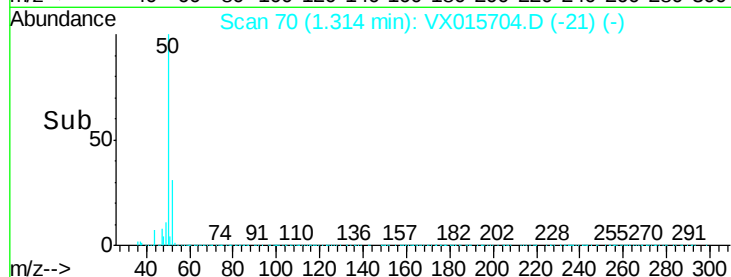
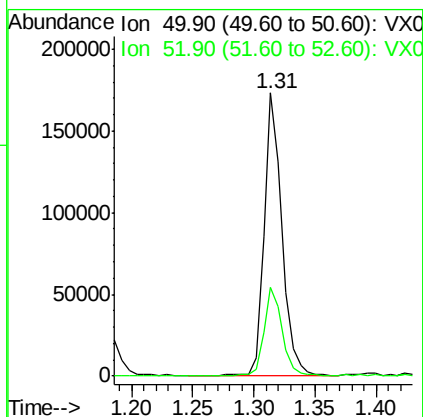
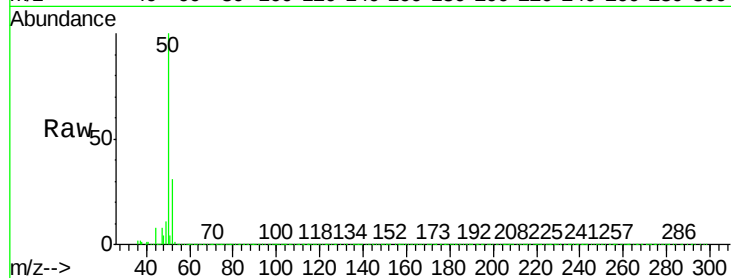
50 100

52 30.9 25.3 37.9

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#4

Vinyl Chloride

Concen: 17.152 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015704.D

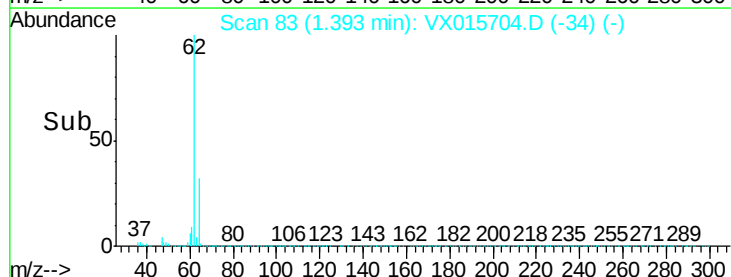
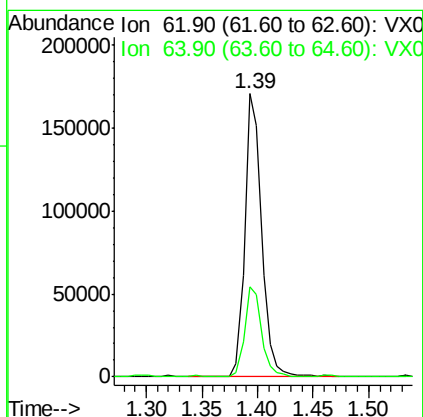
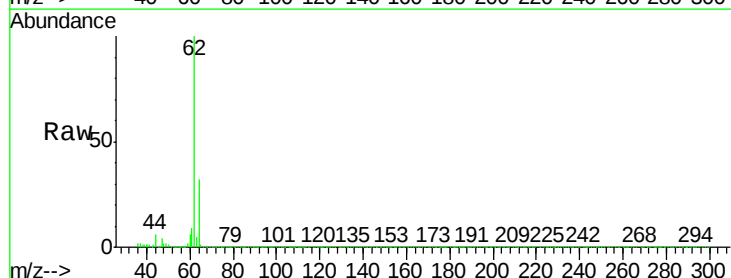
Acq: 16 Apr 2020 12:14

Tgt Ion: 62 Resp: 179334

Ion Ratio Lower Upper

62 100

64 31.7 26.0 39.0





#5

Bromomethane

Concen: 20.117 ug/l

RT: 1.64 min Scan# 123

Delta R.T. 0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 94 Resp: 120258

Ion Ratio Lower Upper

94 100

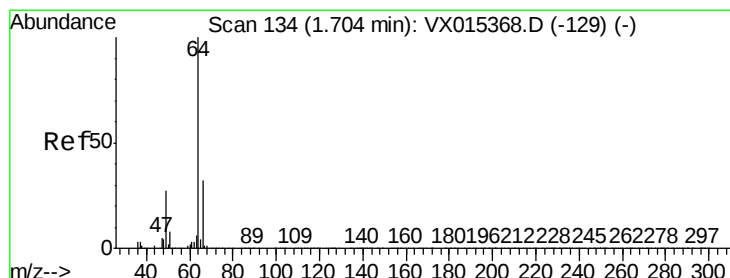
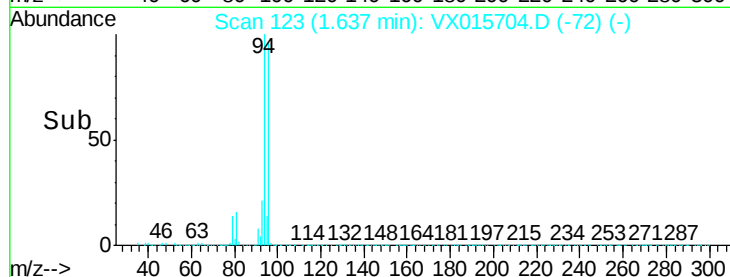
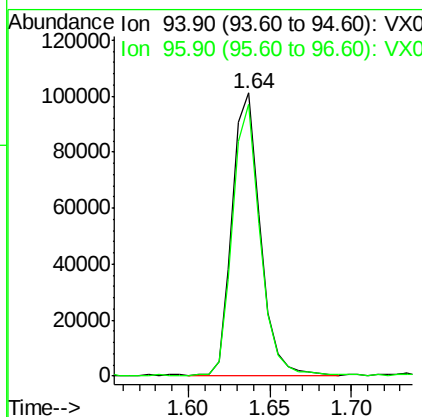
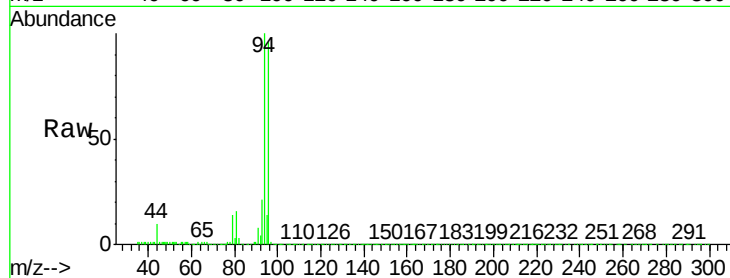
96 96.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.596 ug/l

RT: 1.72 min Scan# 136

Delta R.T. 0.01 min

Lab File: VX015704.D

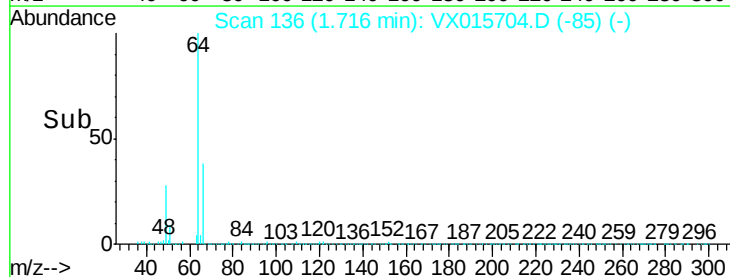
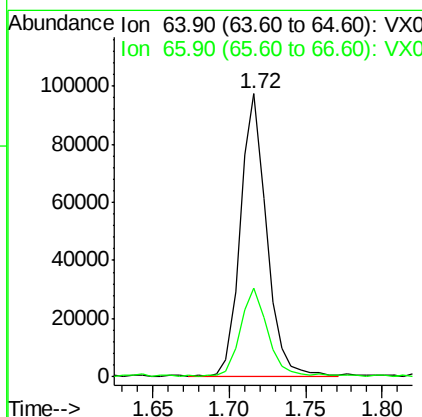
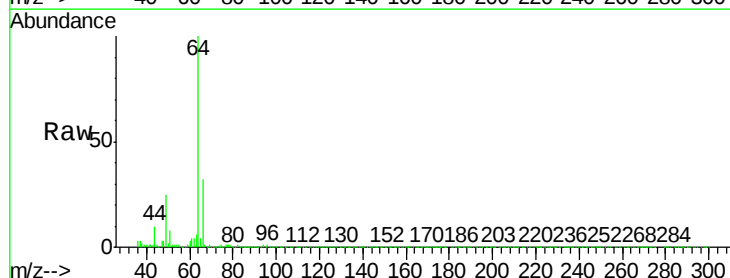
Acq: 16 Apr 2020 12:14

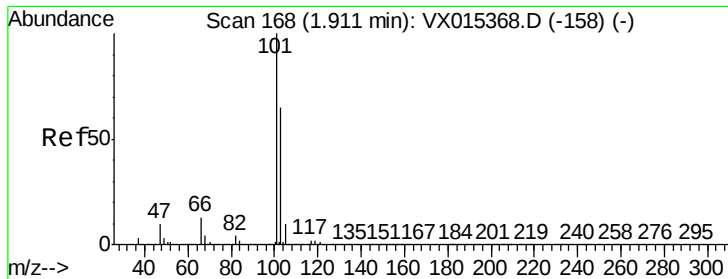
Tgt Ion: 64 Resp: 114106

Ion Ratio Lower Upper

64 100

66 30.9 25.4 38.2





#7

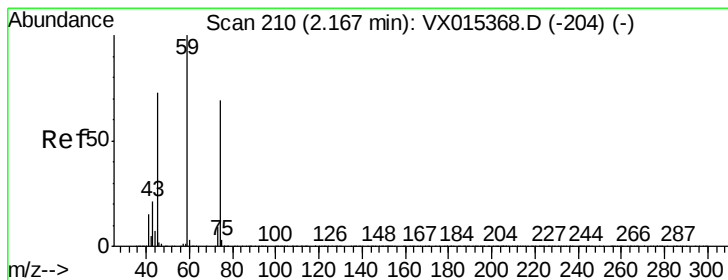
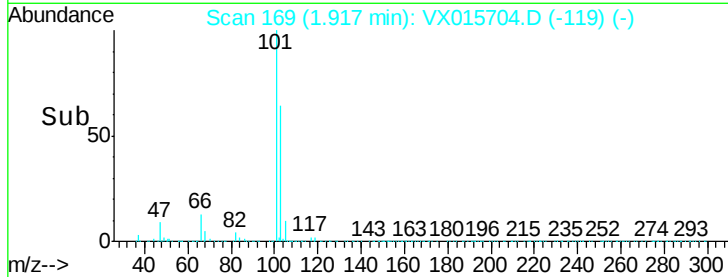
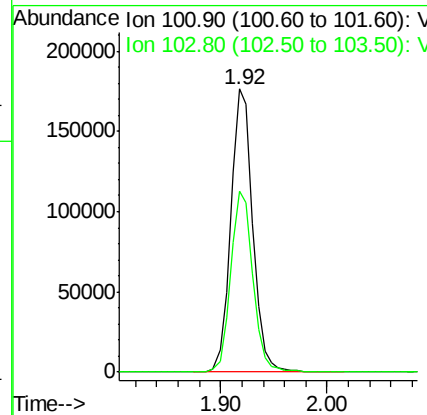
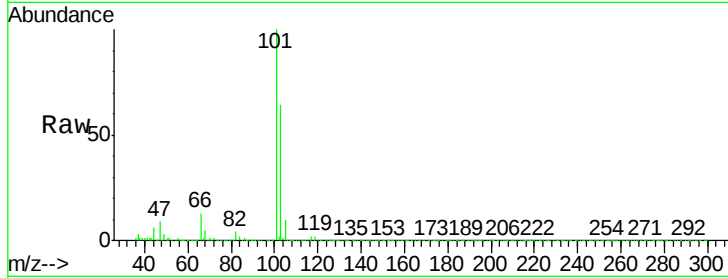
Trichlorofluoromethane
Concen: 18.183 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	52.3	78.5

Manual Integrations
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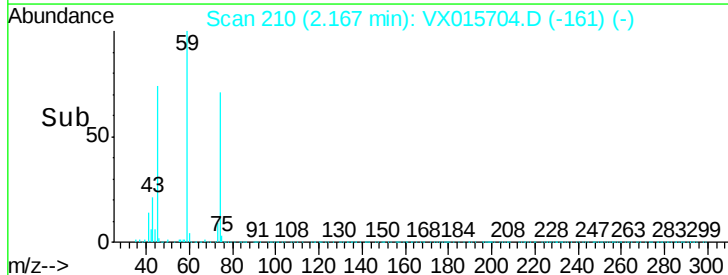
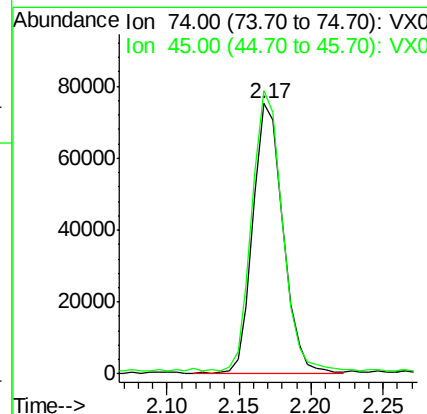
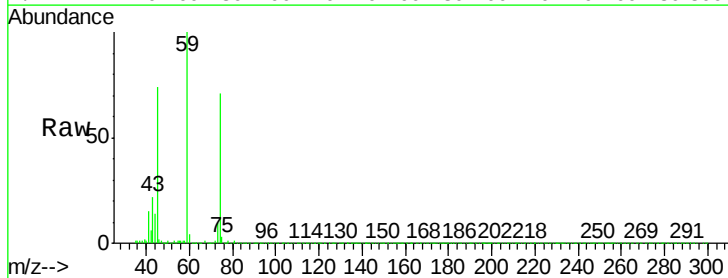
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#8

Diethyl Ether
Concen: 18.227 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.8	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.980 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

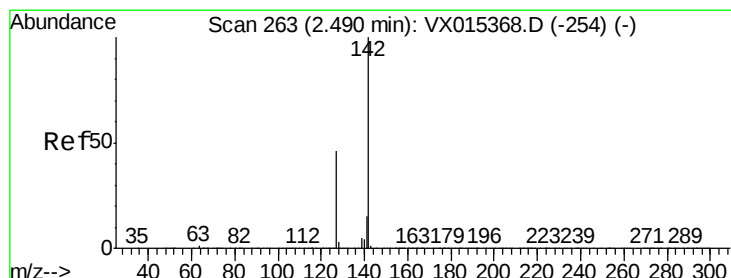
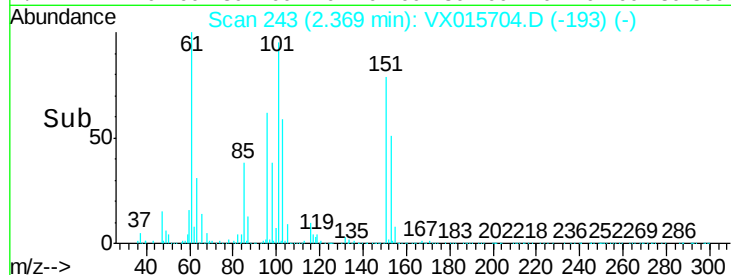
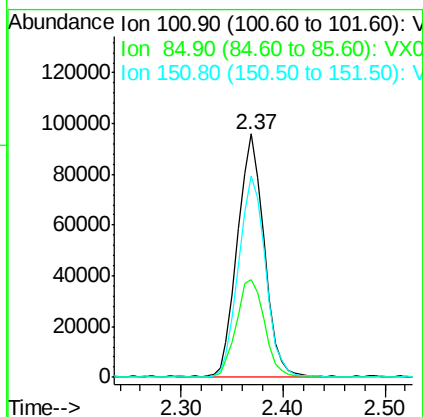
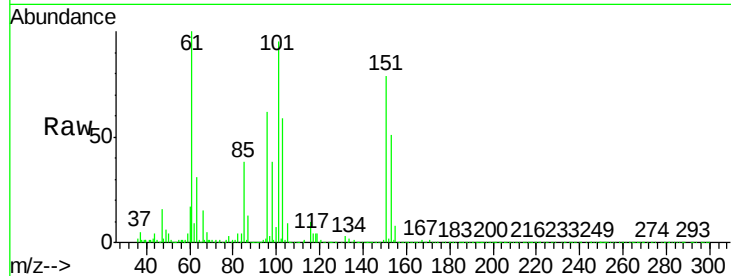
ClientSampleId :

VX0416WBSD01

Tot Ion:	101	Resp:	173498
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.0	52.4
151	85.3	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 12.985 ug/l

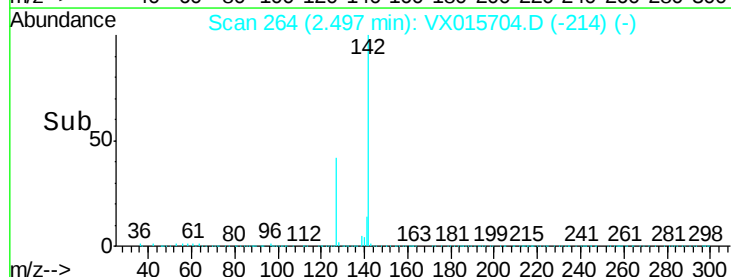
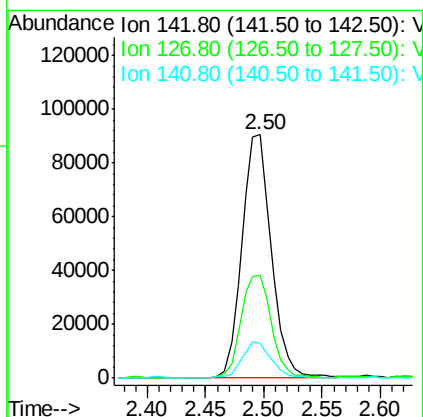
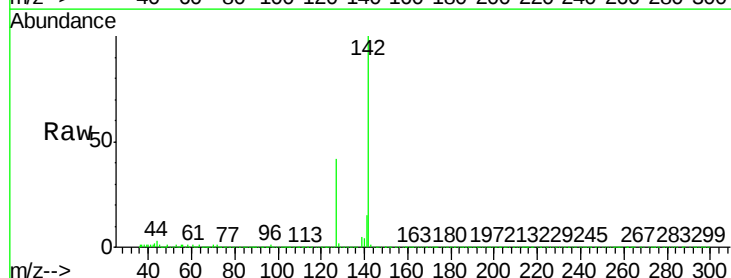
RT: 2.50 min Scan# 264

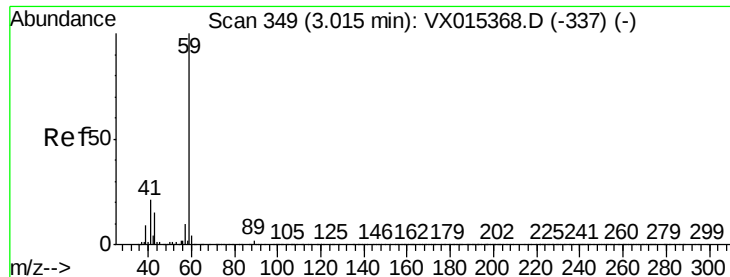
Delta R.T. 0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	142	Resp:	160036
Ion Ratio	Lower	Upper	
142	100		
127	43.4	35.9	53.9
141	14.8	11.6	17.4





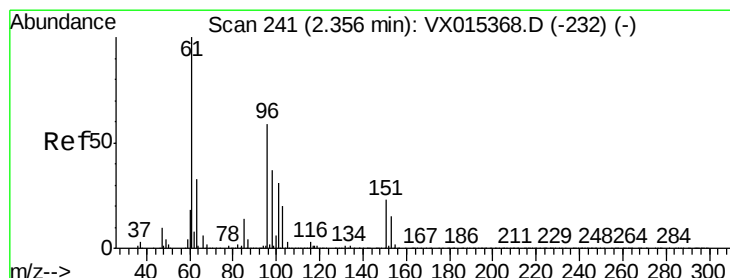
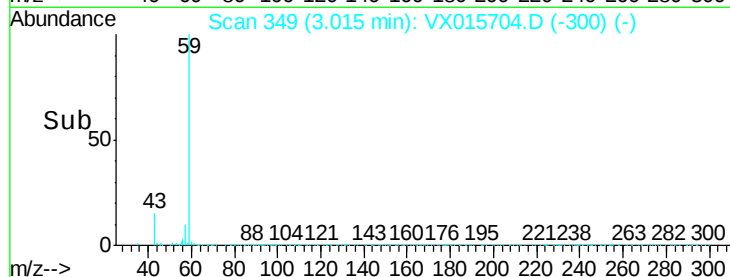
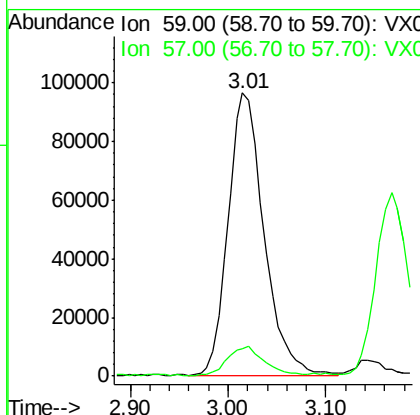
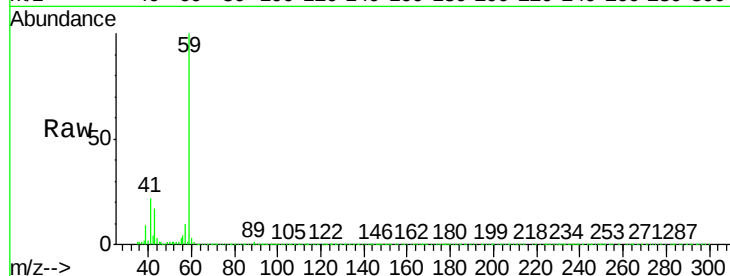
#11
Tert butyl alcohol
Concen: 72.130 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.2	8.1	12.1

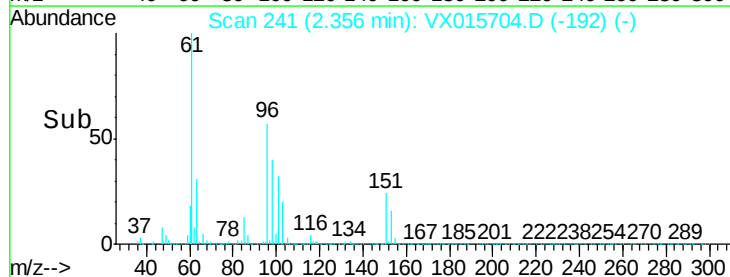
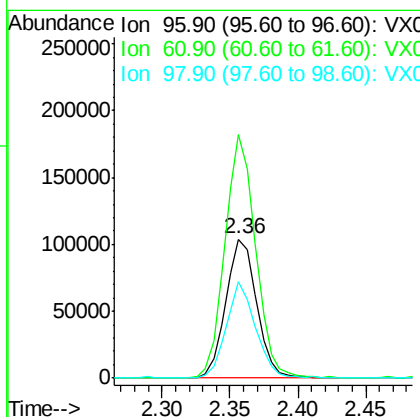
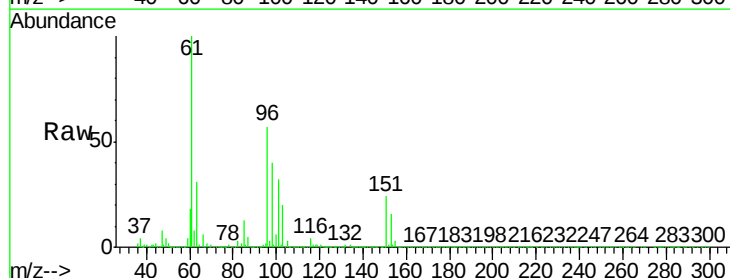
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#12
1,1-Dichloroethene
Concen: 17.032 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	175.1	135.7	203.5
98	69.4	50.6	75.8





#13

Acrolein

Concen: 97.037 ug/l

RT: 2.28 min Scan# 228

Delta R.T. 0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 56 Resp: 189390

Ion Ratio Lower Upper

56 100

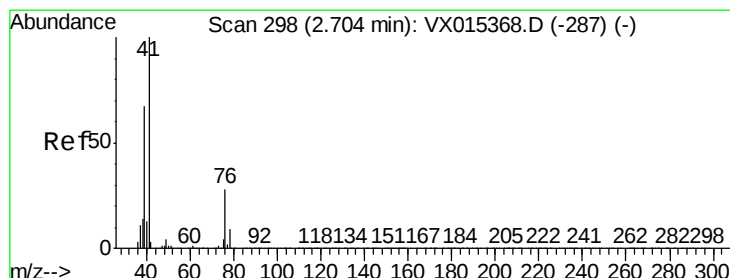
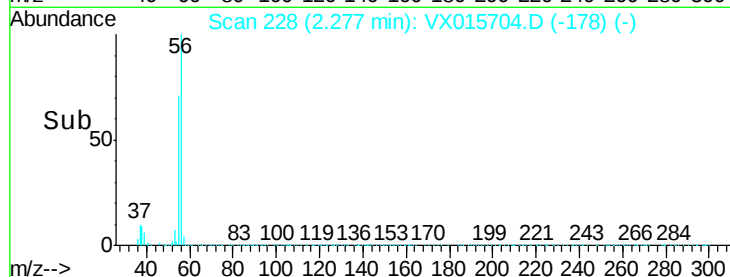
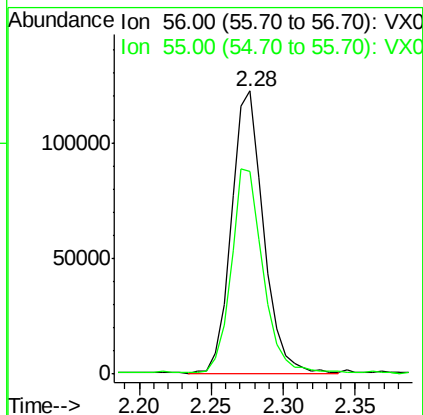
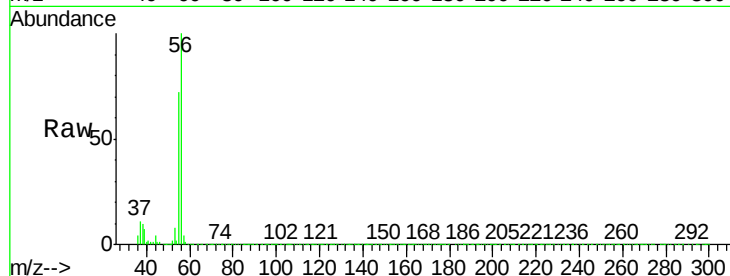
55 71.1 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 16.005 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

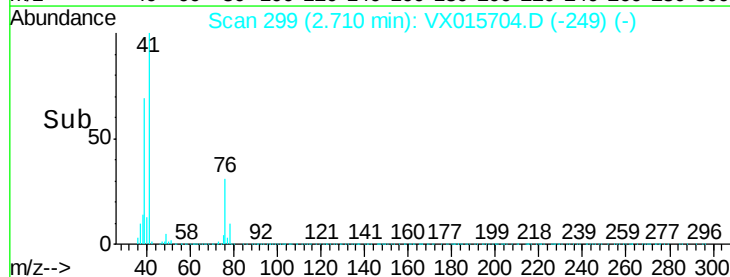
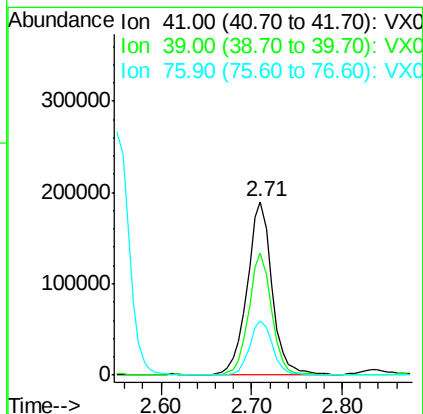
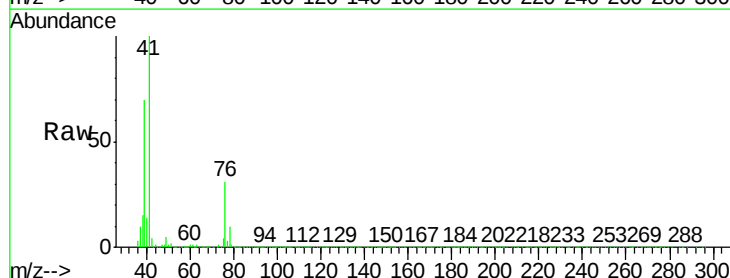
Tgt Ion: 41 Resp: 358332

Ion Ratio Lower Upper

41 100

39 64.6 51.4 77.0

76 28.7 21.8 32.8





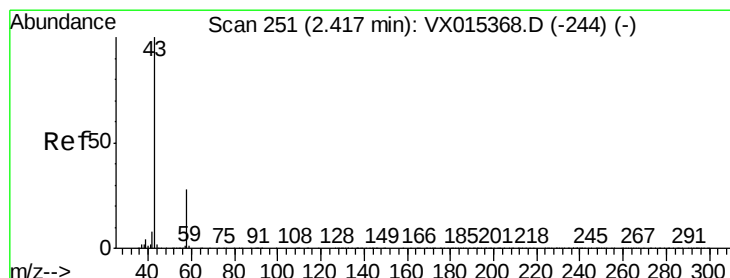
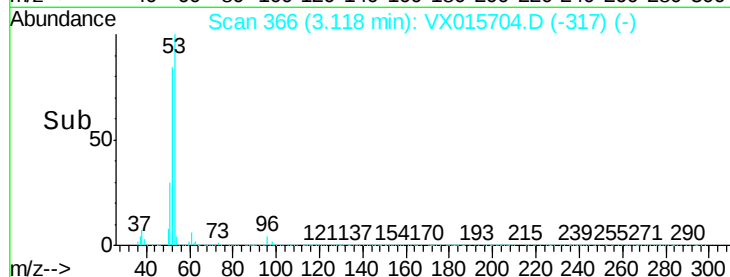
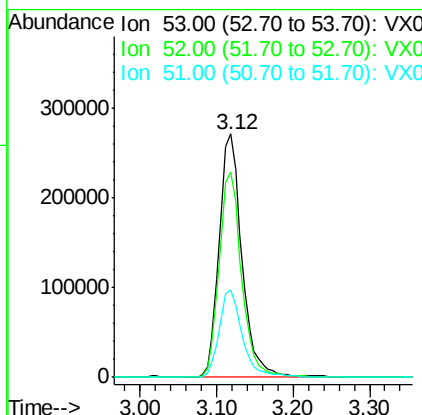
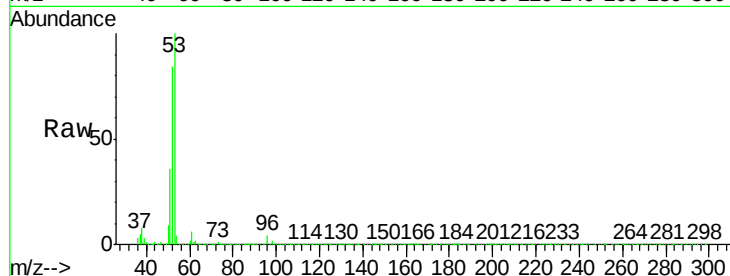
#15
Acrylonitrile
Concen: 85.235 ug/l
RT: 3.12 min Scan# 366
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	53	Resp	556931
Ion	Ratio	Lower	Upper
53	100		
52	83.3	66.8	100.2
51	36.1	29.5	44.3

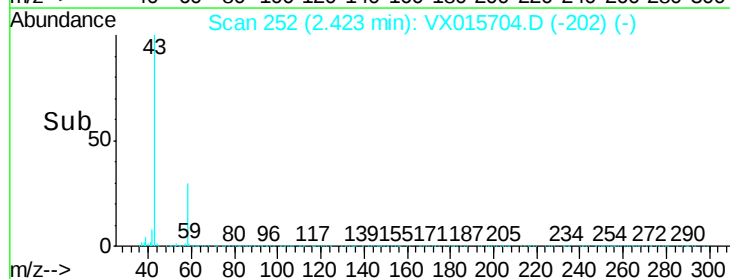
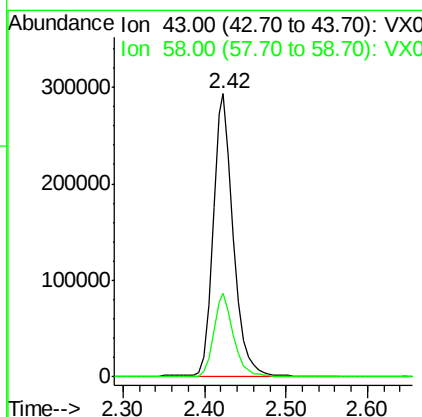
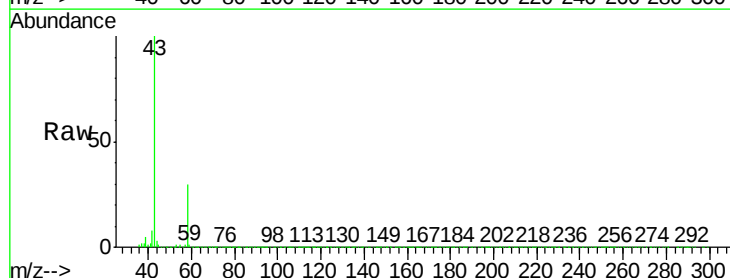
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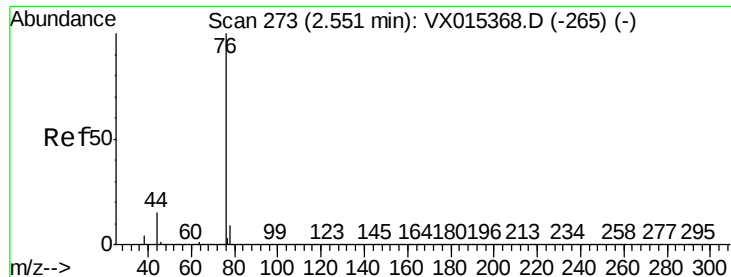
MMDadoda
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#16
Acetone
Concen: 82.048 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	43	Resp	504574
Ion	Ratio	Lower	Upper
43	100		
58	29.3	22.1	33.1





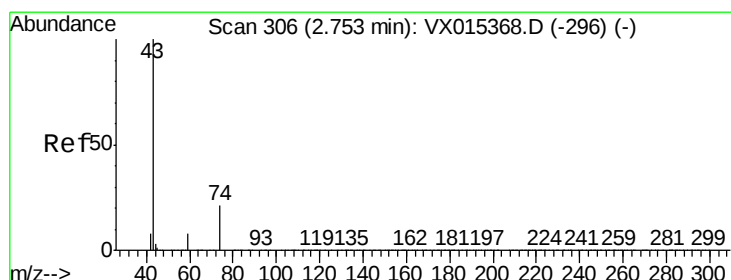
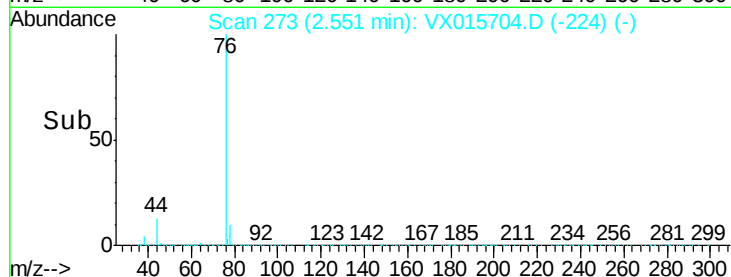
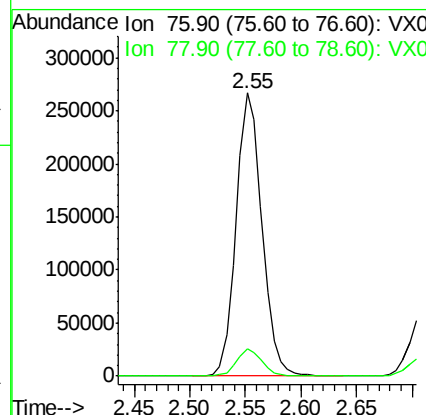
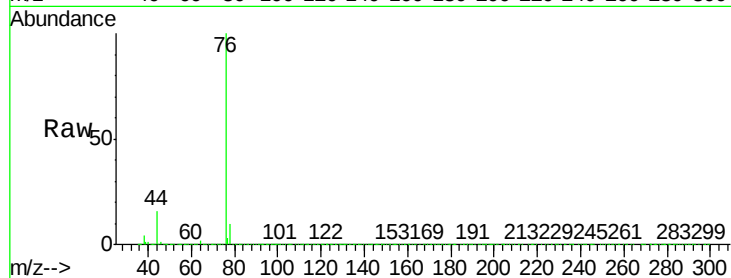
#17
Carbon Disulfide
Concen: 14.612 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.1	10.7

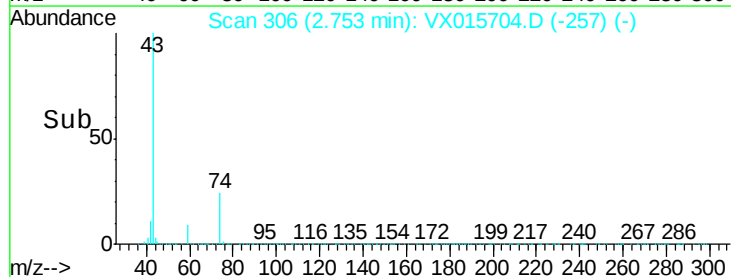
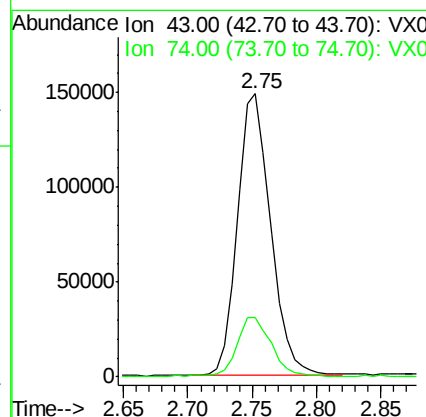
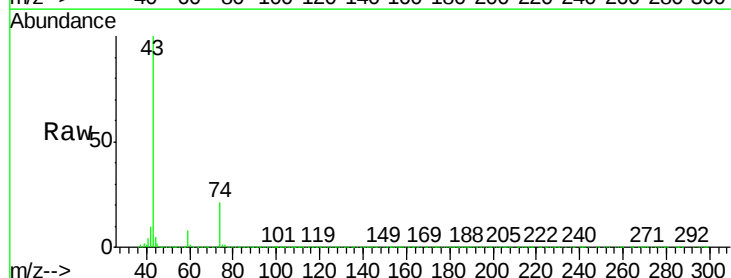
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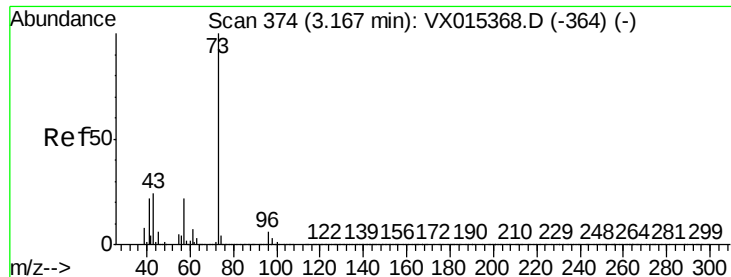
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#18
Methyl Acetate
Concen: 16.997 ug/l
RT: 2.75 min Scan# 306
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.7	16.5	24.7





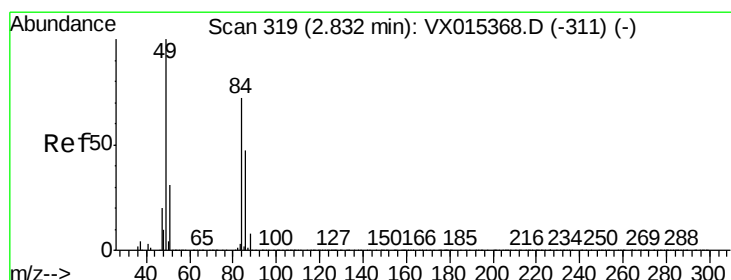
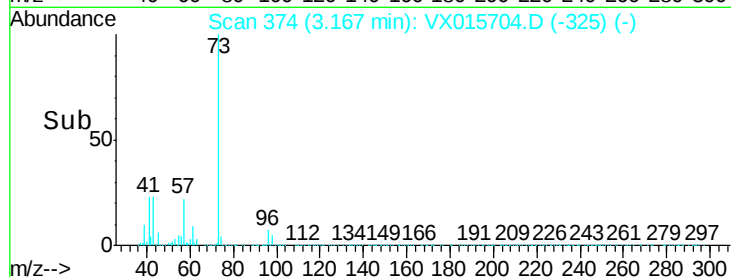
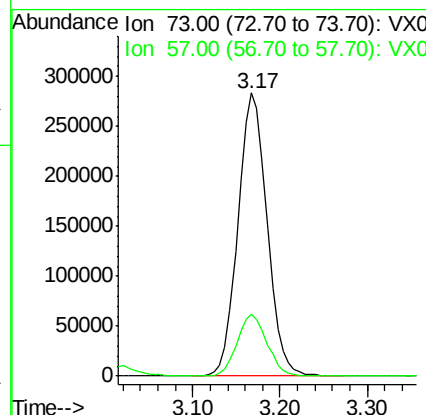
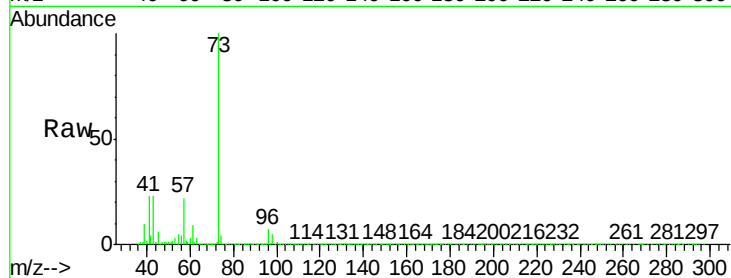
#19
Methvl tert-butvl Ether
Concen: 17.685 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	17.9	26.9

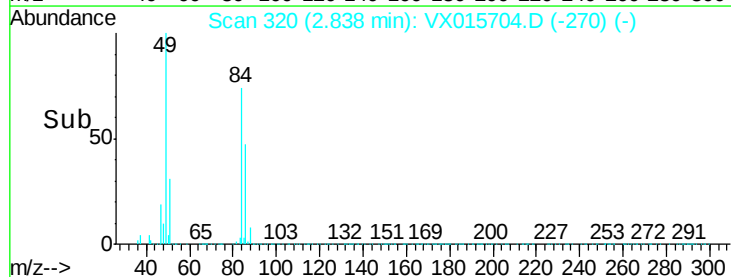
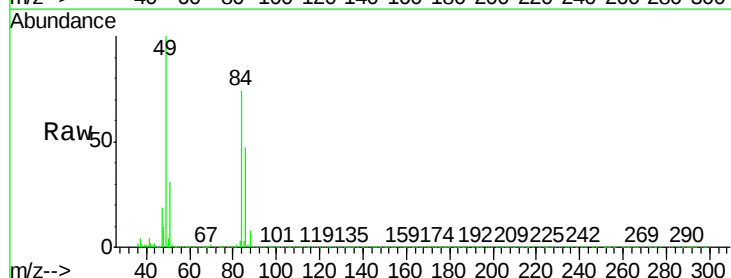
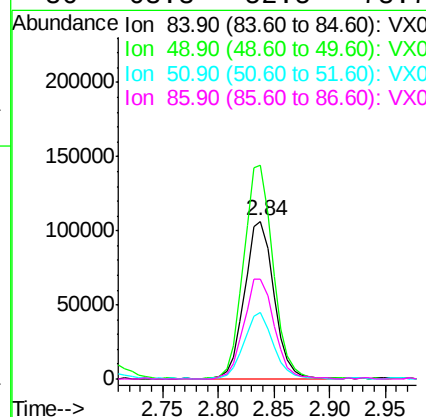
Manual Integrations
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#20
Methylene Chloride
Concen: 17.001 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	135.4	111.3	166.9
51	42.0	34.0	51.0
86	63.3	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 17.178 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tot Ion:	96	Resp:	182672
Ion Ratio	Lower	Upper	
96	100		
61	143.6	116.9	175.3
98	62.2	48.6	73.0

Instrument :

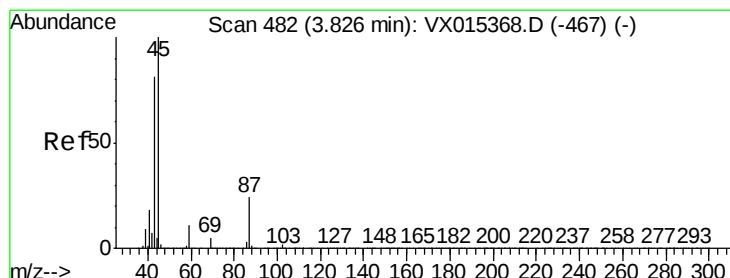
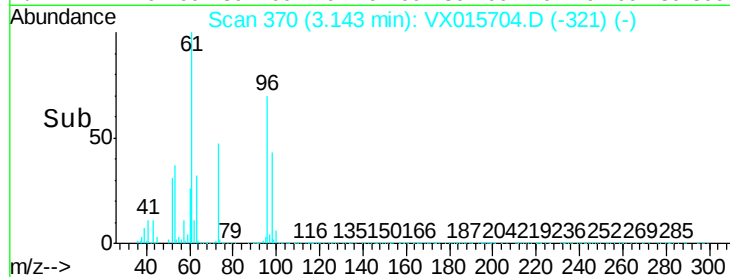
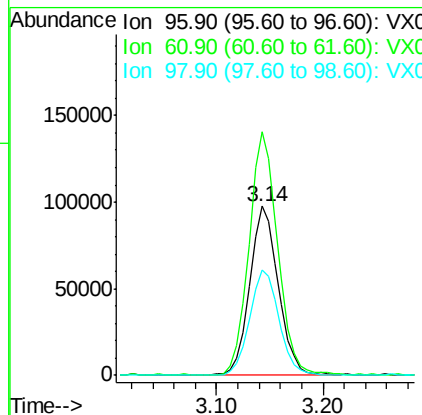
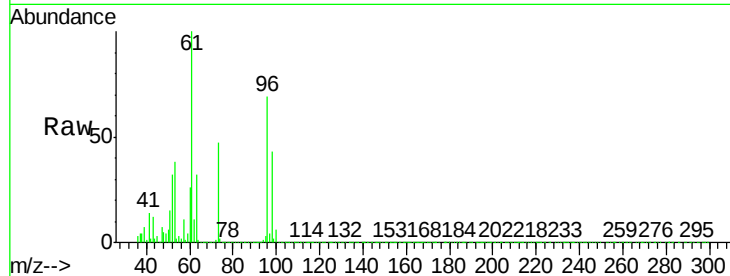
MSVOA_X

ClientSampleId :

VX0416WBSD01

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#22

Diisopropyl ether

Concen: 17.869 ug/l

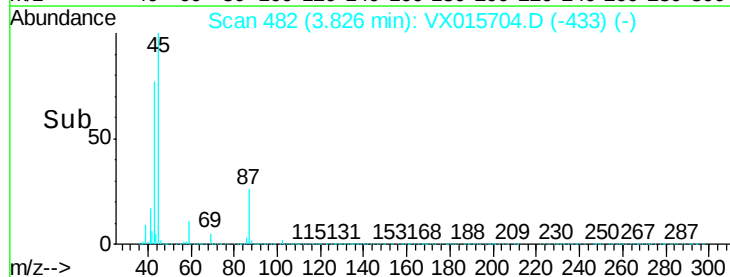
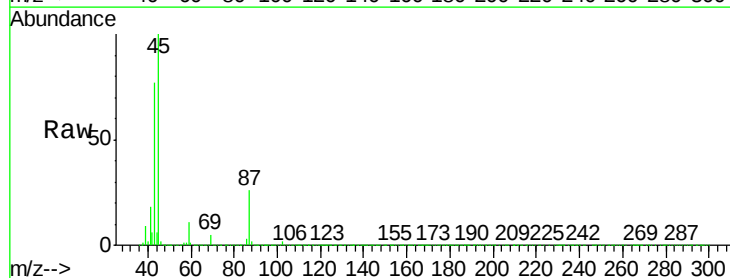
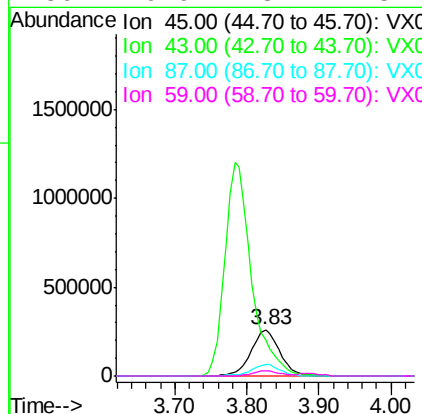
RT: 3.83 min Scan# 482

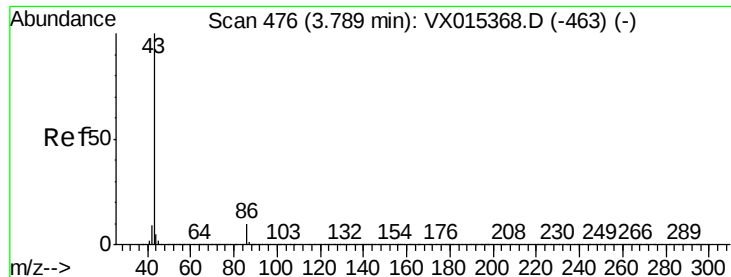
Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	45	Resp:	708932
Ion Ratio	Lower	Upper	
45	100		
43	76.6	64.7	97.1
87	26.2	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 86.402 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleID :

VX0416WBSD01

Tot Ion: 43 Resp: 3103579

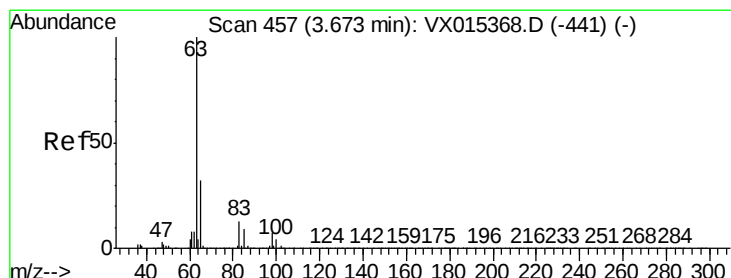
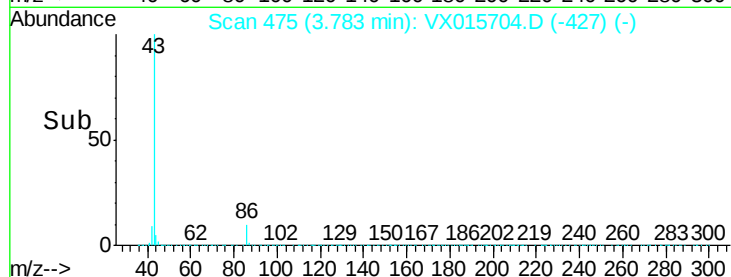
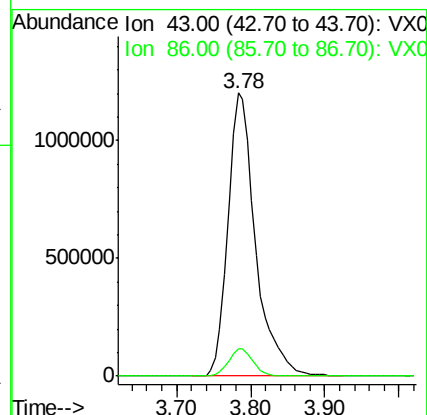
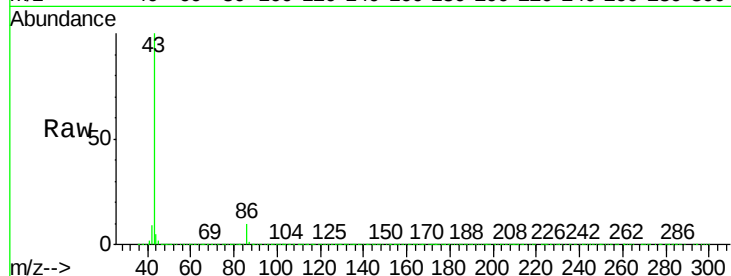
Ion Ratio Lower Upper

43 100

86 9.6 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 16.825 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

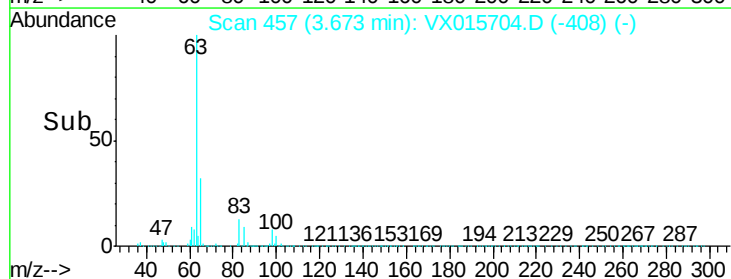
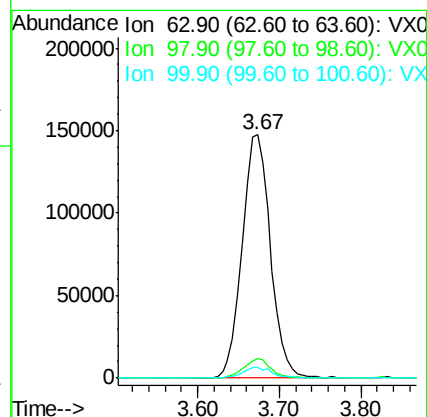
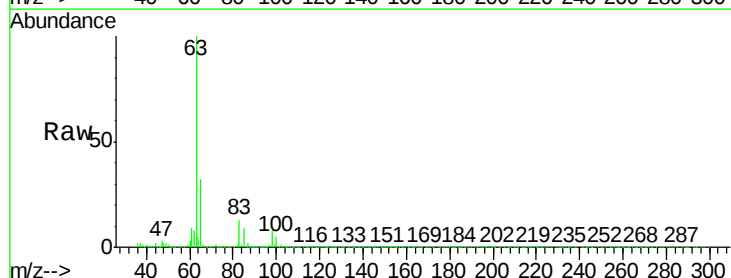
Tgt Ion: 63 Resp: 351448

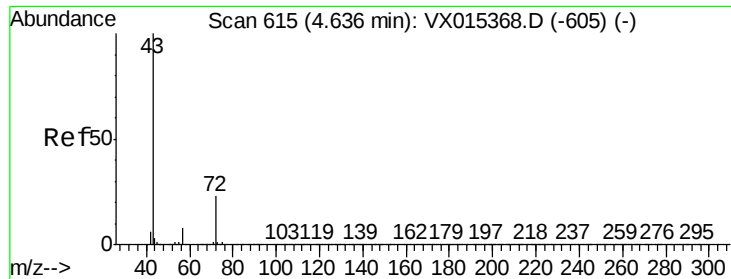
Ion Ratio Lower Upper

63 100

98 7.7 3.3 9.8

100 4.3 2.1 6.5





#25

2-Butanone

Concen: 80.784 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tot Ion: 43 Resp: 798960

Ion Ratio Lower Upper

43 100

72 22.5 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

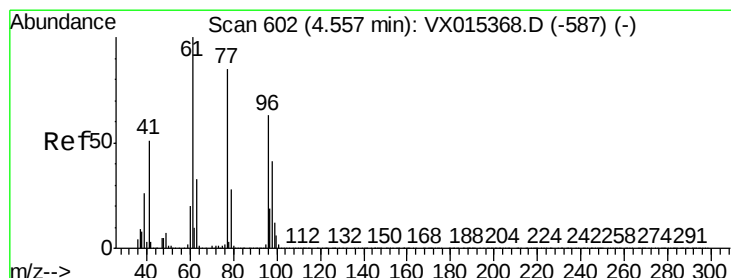
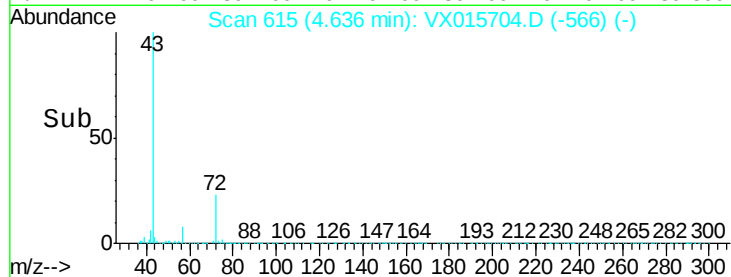
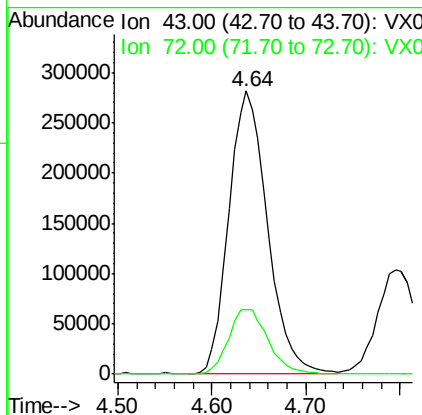
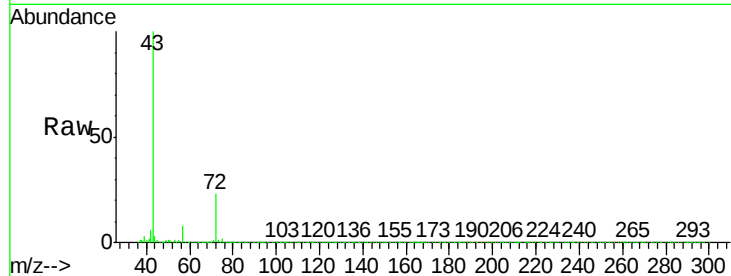
VX0416WBSD01

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#26

2,2-Dichloropropane

Concen: 18.211 ug/l

RT: 4.54 min Scan# 600

Delta R.T. -0.01 min

Lab File: VX015704.D

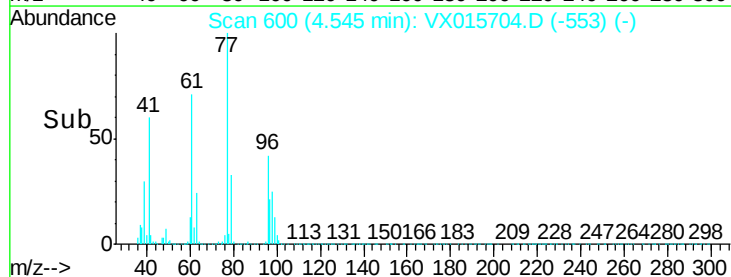
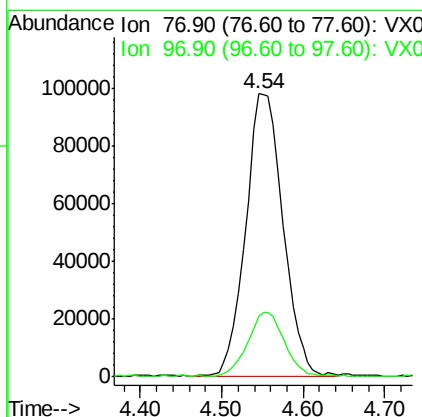
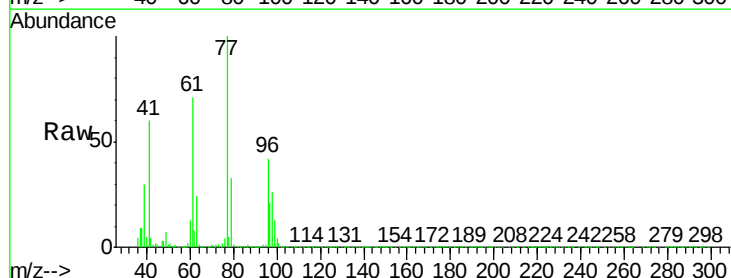
Acq: 16 Apr 2020 12:14

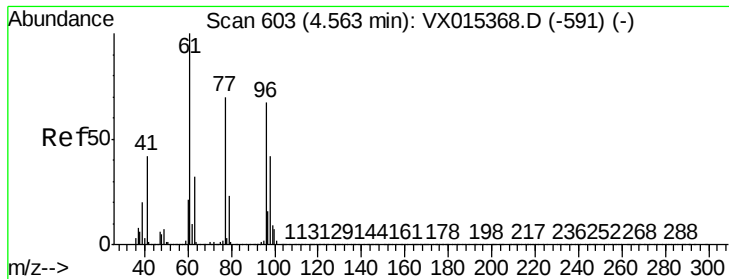
Tgt Ion: 77 Resp: 312240

Ion Ratio Lower Upper

77 100

97 22.1 11.3 33.8





#27

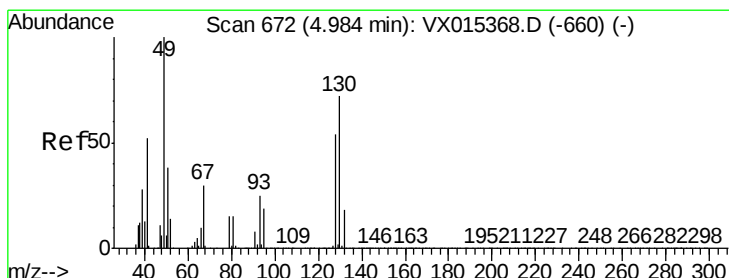
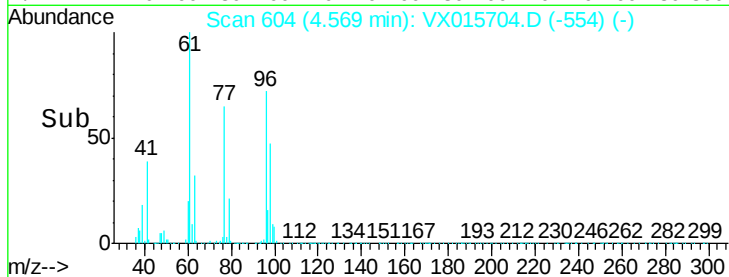
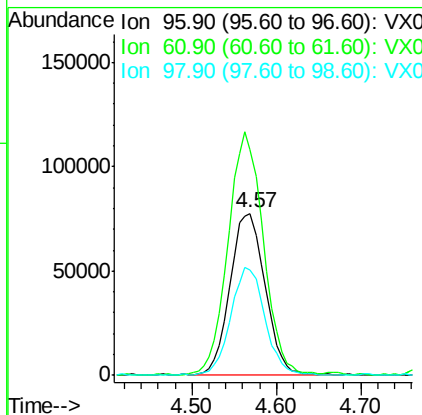
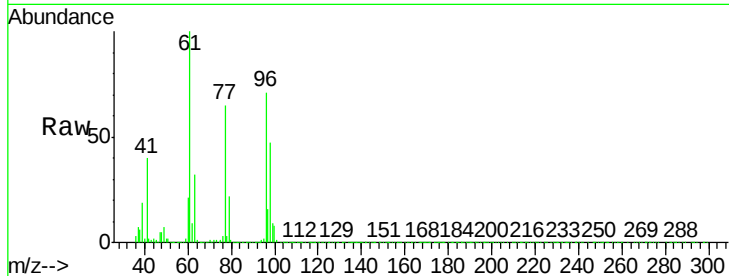
cis-1,2-Dichloroethene
Concen: 17.755 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	218447		
61	150.9	0.0	308.4	
98	64.0	0.0	129.2	

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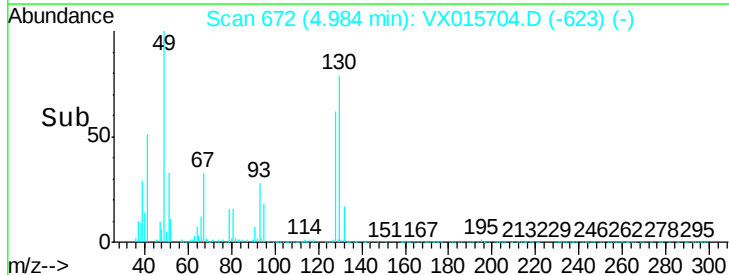
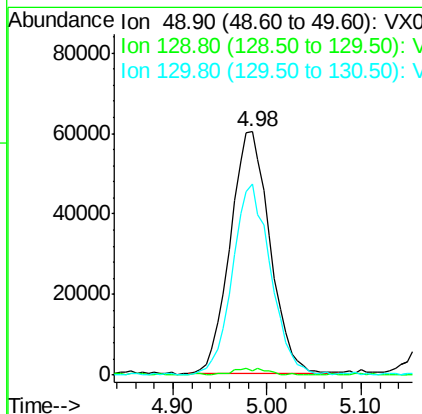
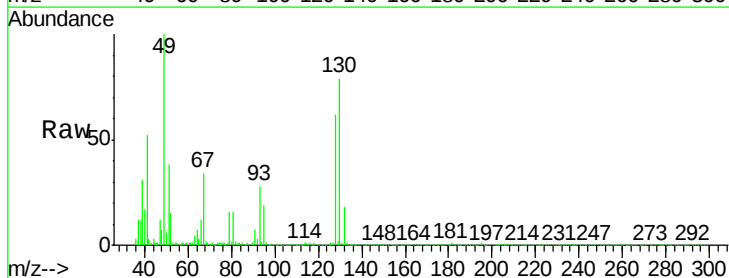
MMDadoda
4/17/2020 11:55:33 AM

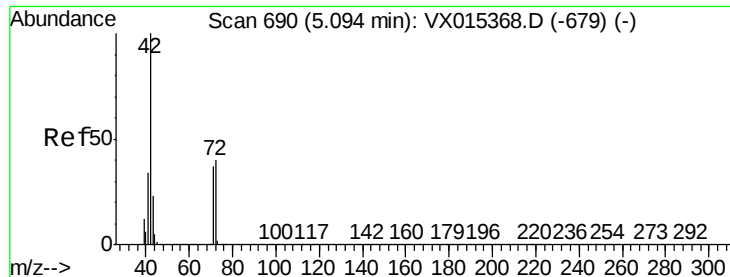


#28

Bromochloromethane
Concen: 17.690 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	176425		
129	2.5	0.0	4.4	
130	76.6	57.7	86.5	





#29

Tetrahydrofuran

Concen: 79.677 ug/l

RT: 5.09 min Scan# 690

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

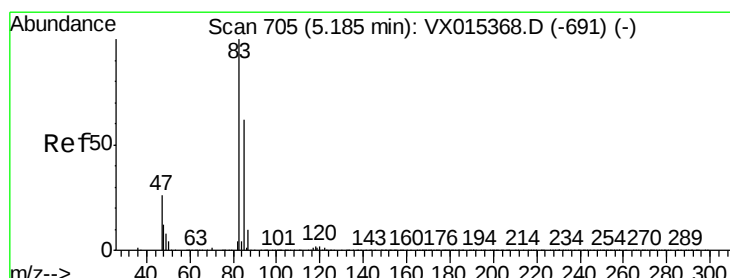
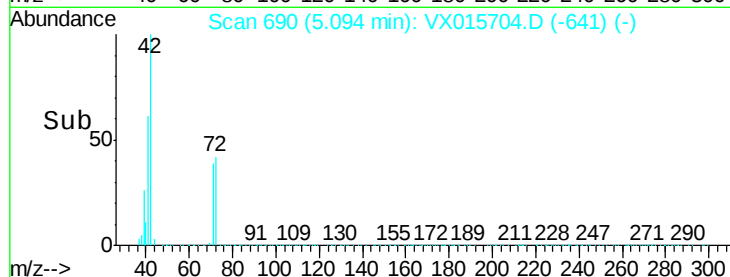
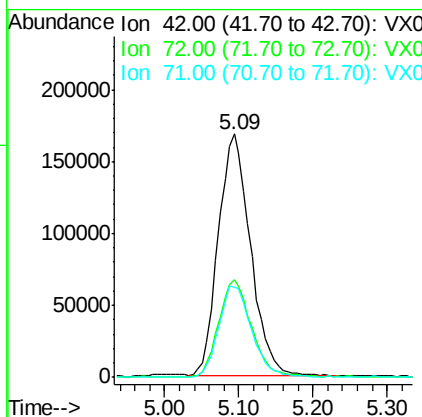
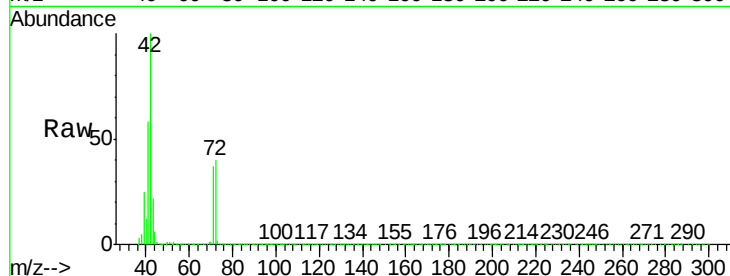
ClientSampleId :

VX0416WBSD01

Tot Ion:	42	Resp:	506596
Ion Ratio		Lower	Upper
42	100		
72	40.9	31.7	47.5
71	38.2	29.6	44.4

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4/17/2020 11:55:33 AM



#30

Chloroform

Concen: 17.586 ug/l

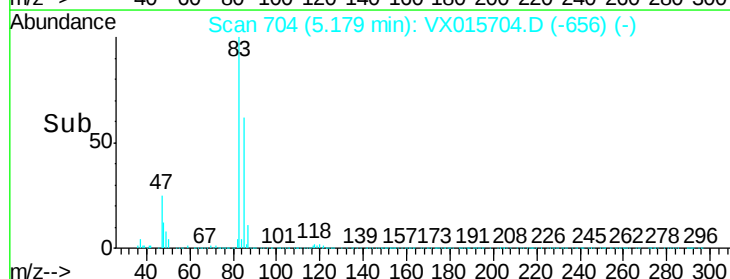
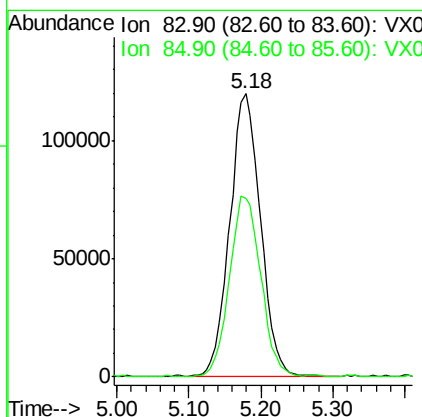
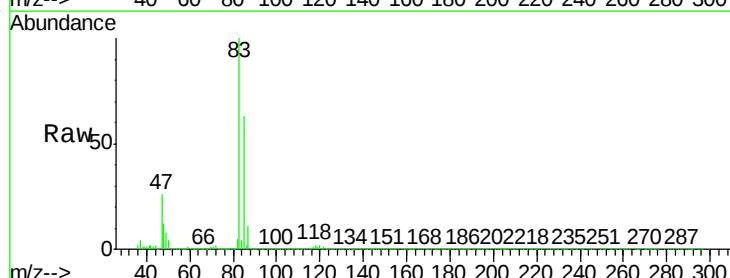
RT: 5.18 min Scan# 704

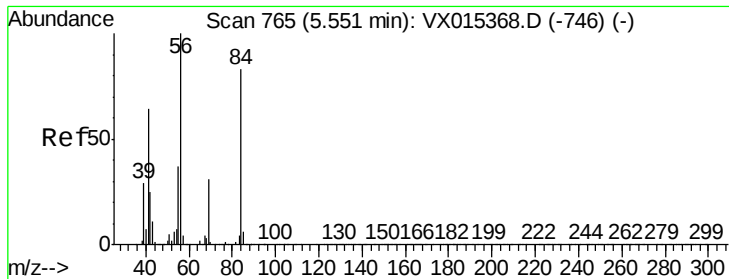
Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	83	Resp:	353413
Ion Ratio		Lower	Upper
83	100		
85	63.2	49.5	74.3





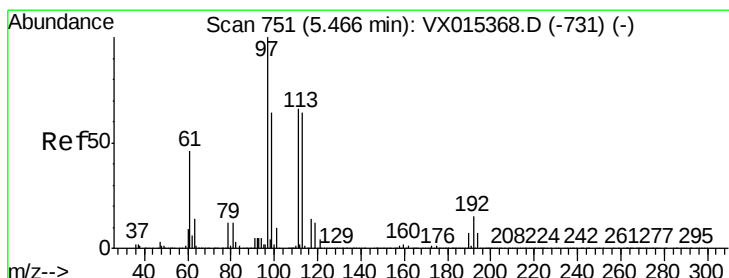
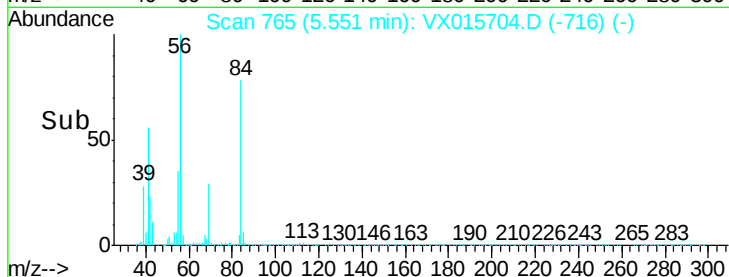
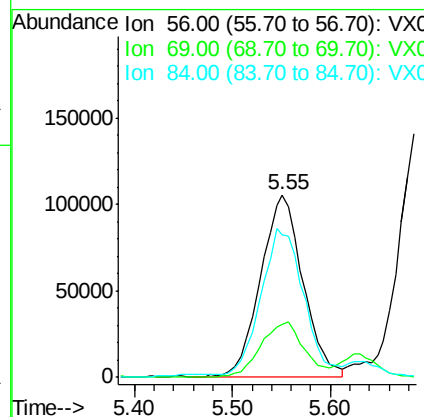
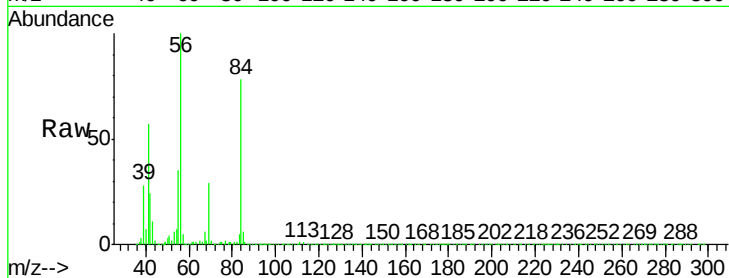
#31
Cyclohexane
Concen: 17.478 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
56	100		316704		
69	28.9	24.6	36.8		
84	76.4	66.1	99.1		

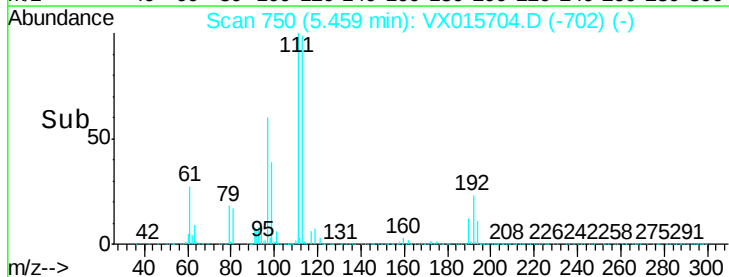
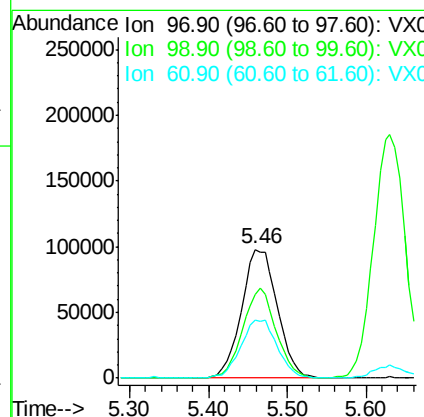
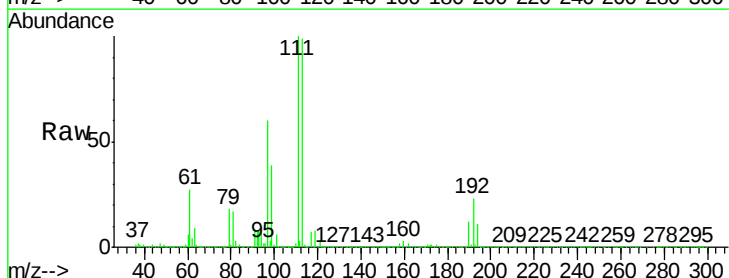
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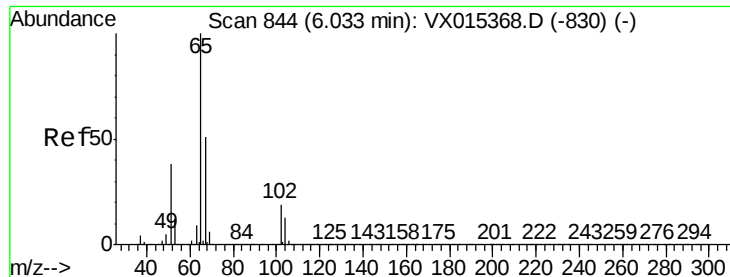
MMDadoda
4/17/2020 11:55:33 AM



#32
1,1,1-Trichloroethane
Concen: 16.933 ug/l
RT: 5.46 min Scan# 750
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
97	100		307963		
99	64.9	51.0	76.4		
61	44.8	36.1	54.1		





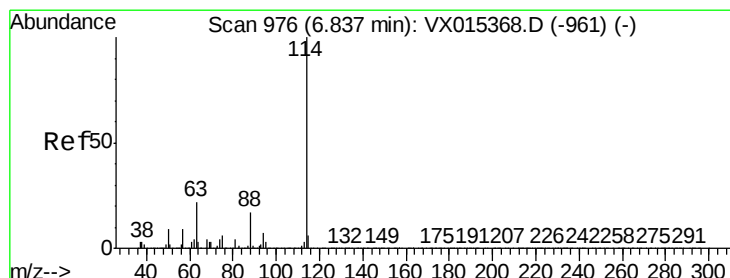
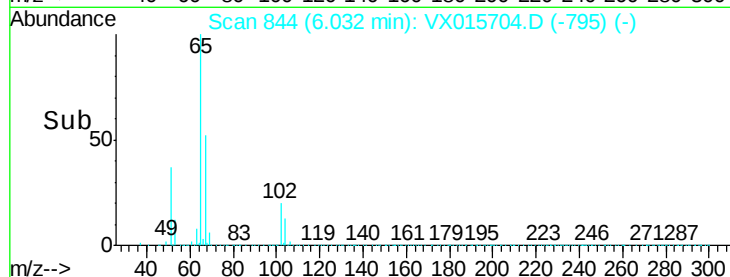
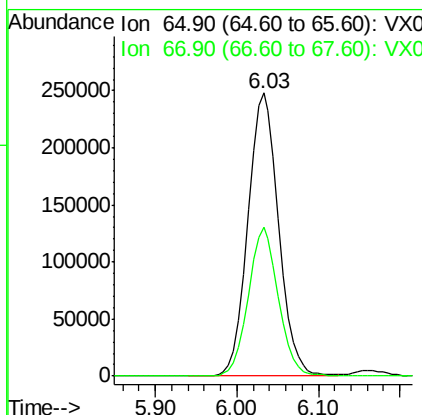
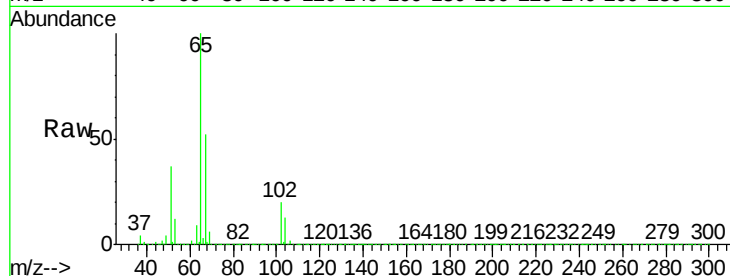
#33
 1,2-Dichloroethane-d4
 Concen: 45.385 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	649653		
67	51.2	0.0	102.6	

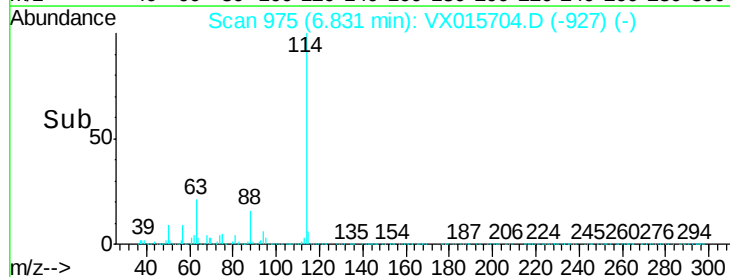
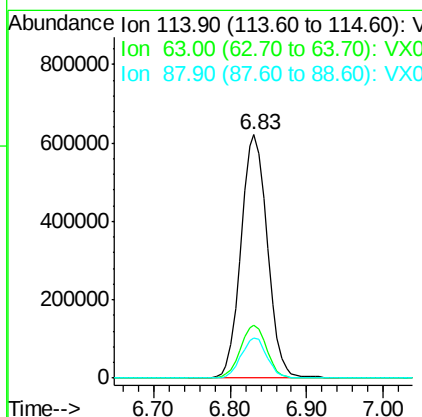
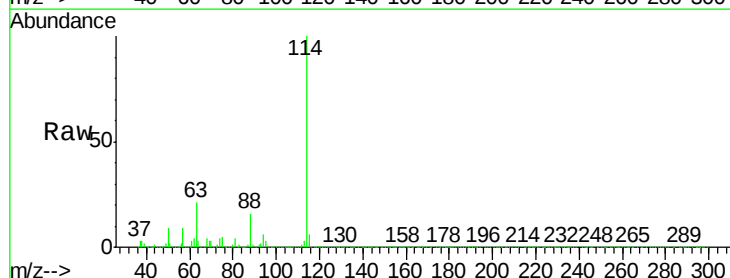
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1486194		
63	21.4	0.0	44.2	
88	16.3	0.0	33.8	





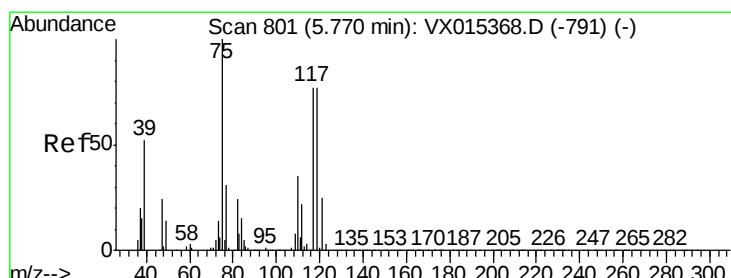
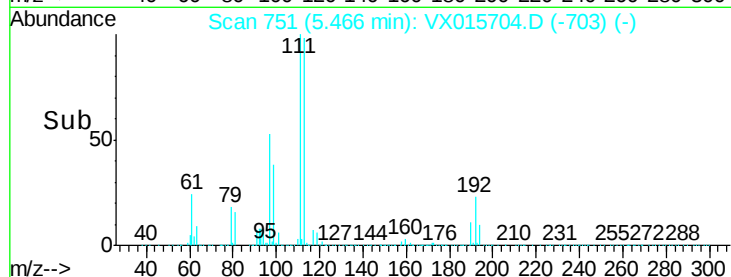
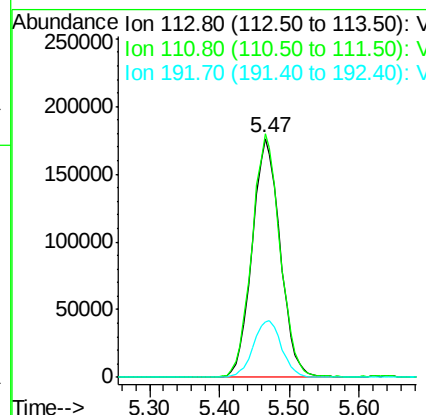
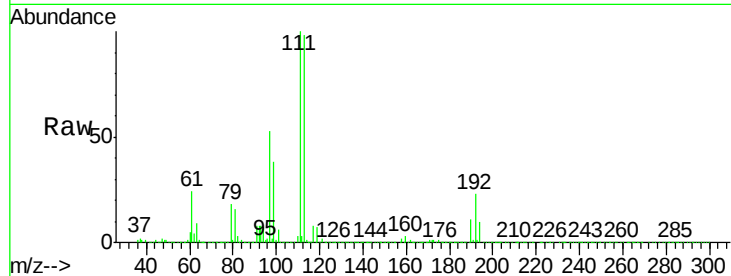
#35
 Dibromofluoromethane
 Concen: 51.718 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	491325		
111	101.7	81.5	122.3	
192	23.8	17.8	26.6	

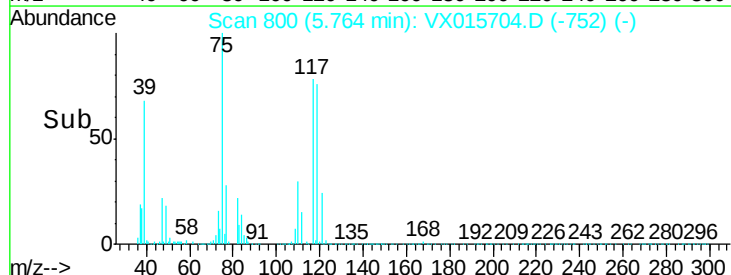
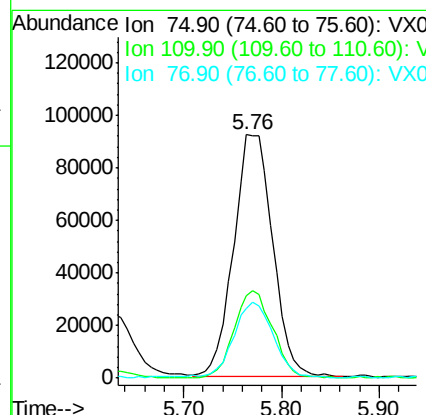
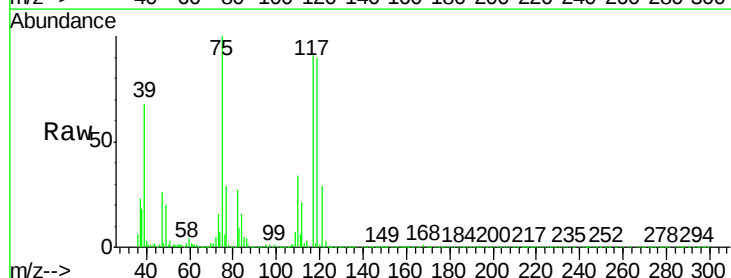
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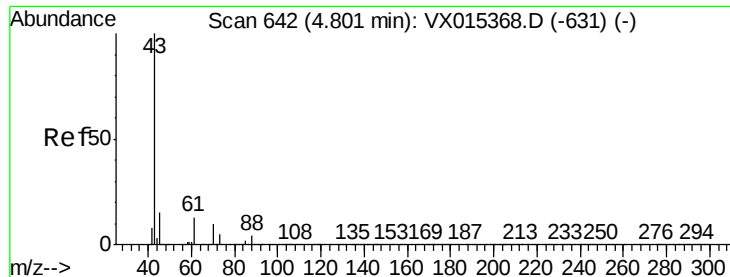
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 4/17/2020 11:55:33 AM



#36
 1,1-Dichloropropene
 Concen: 18.726 ug/l
 RT: 5.76 min Scan# 800
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	256427		
110	35.6	17.1	51.3	
77	31.6	24.6	36.8	





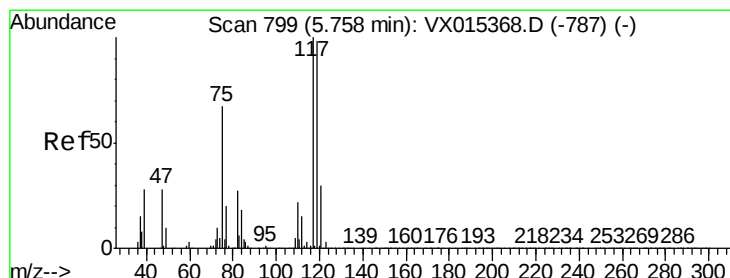
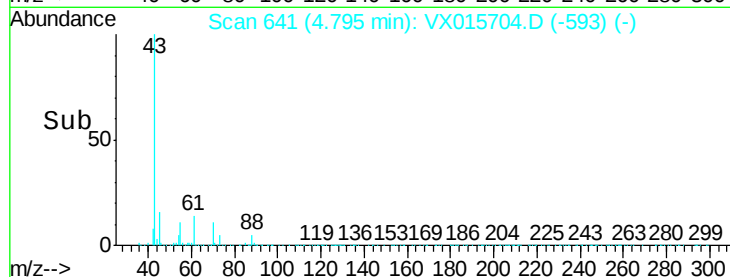
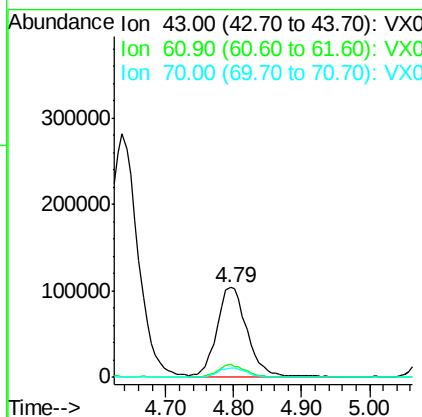
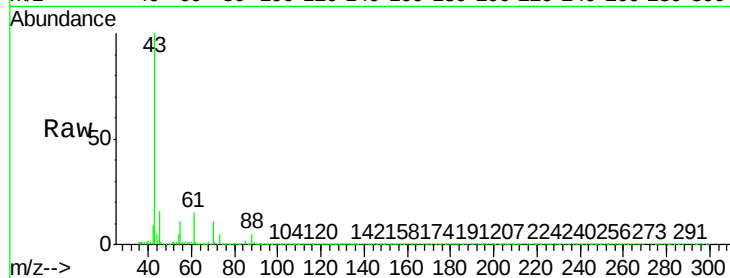
#37
Ethyl Acetate
Concen: 17.703 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.8	8.1	12.1

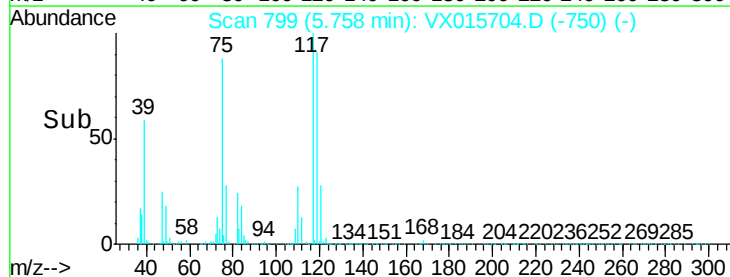
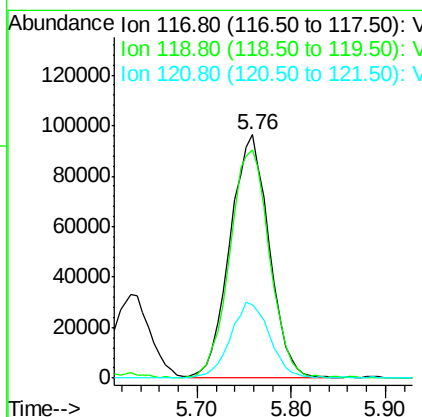
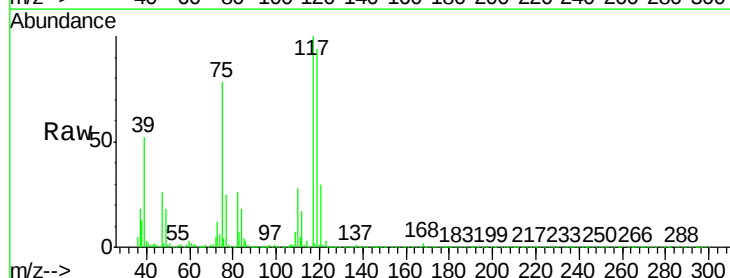
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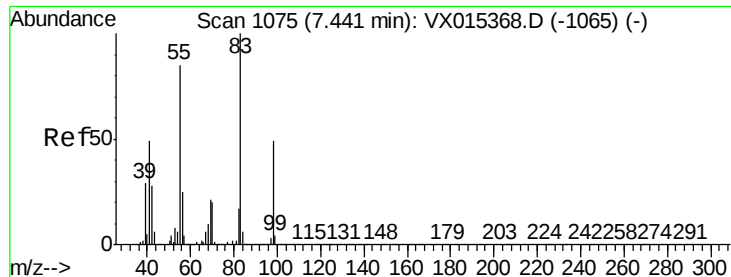
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.715 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.3	78.0	117.0
121	29.6	23.8	35.8





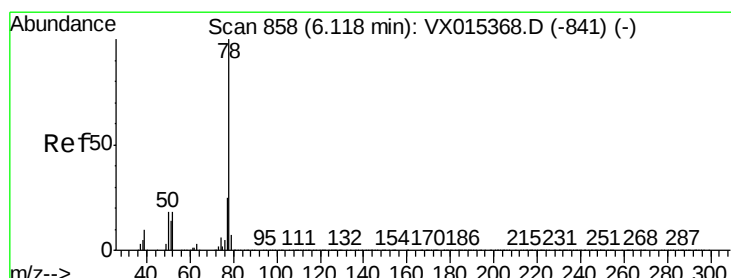
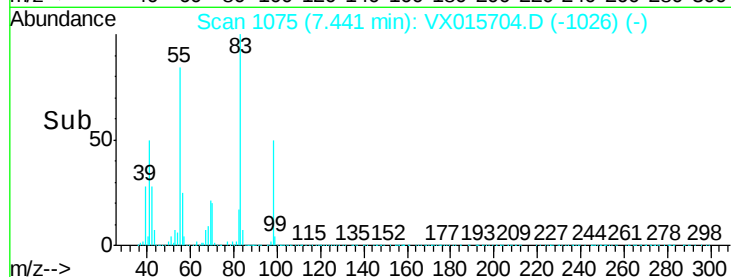
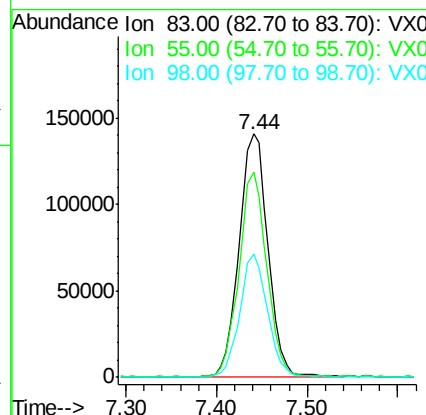
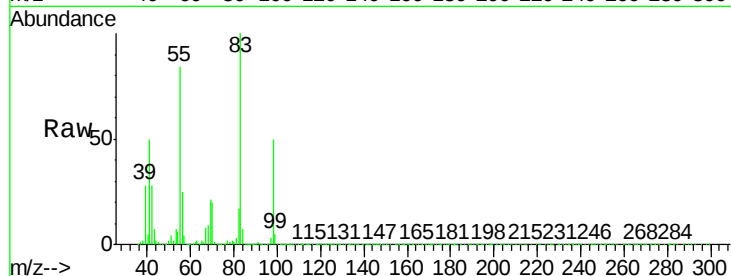
#39
Methvlcvclohexane
Concen: 19.723 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	84.0	67.8	101.6
98	50.5	39.3	58.9

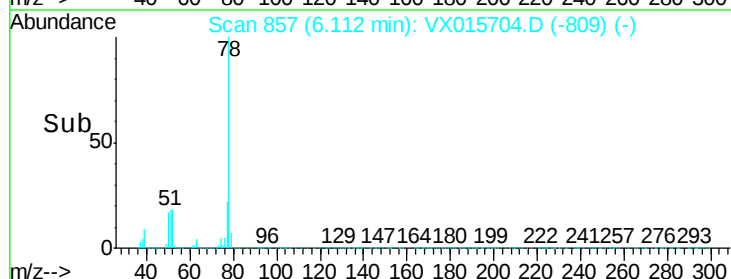
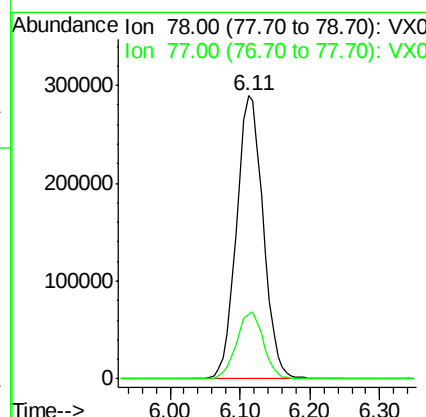
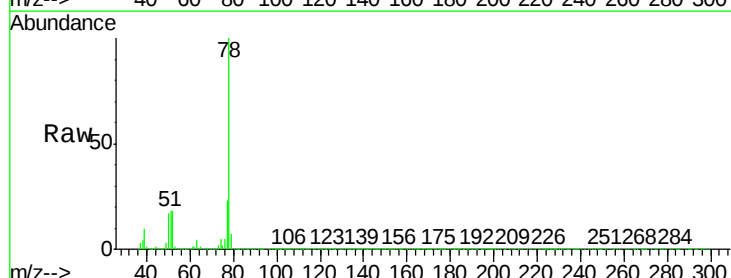
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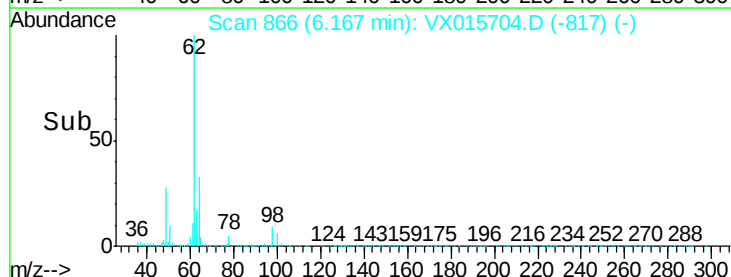
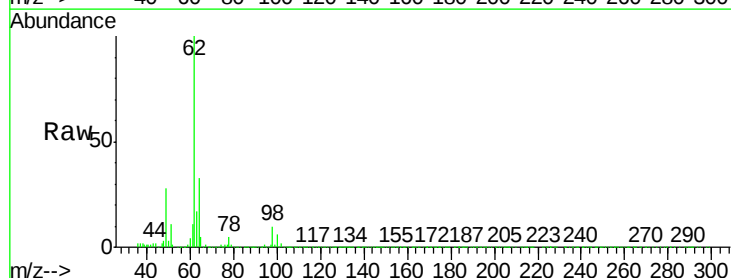
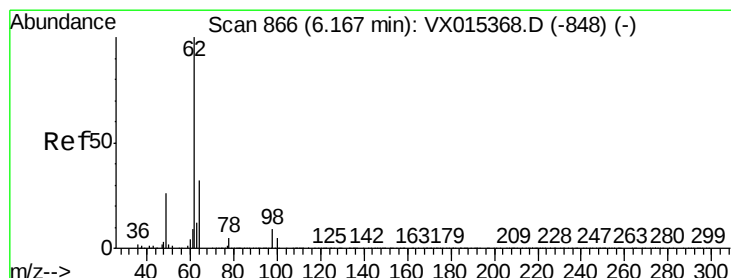
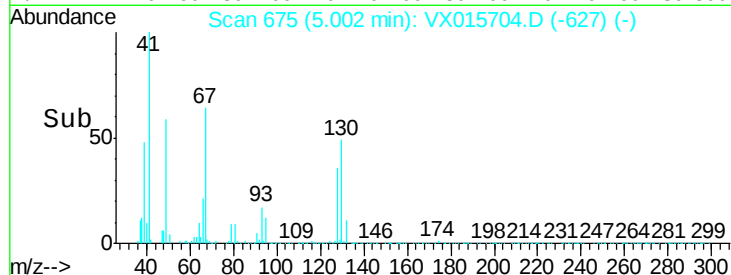
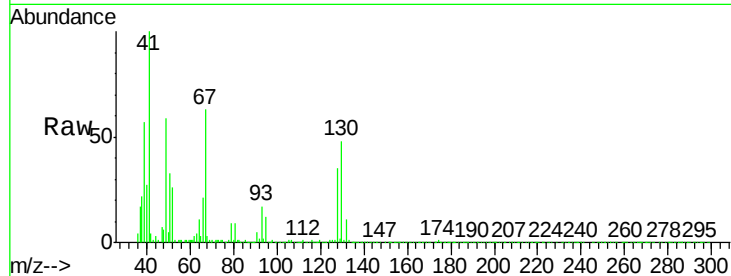
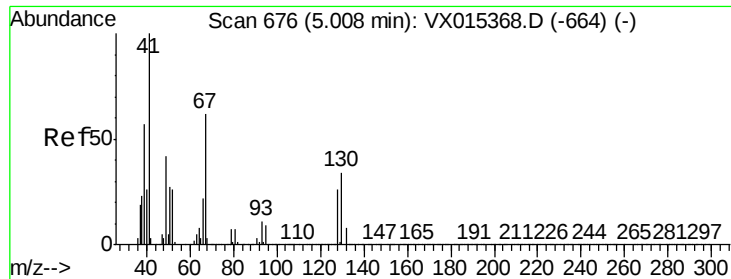
MMDadoda
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#40
Benzene
Concen: 19.069 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

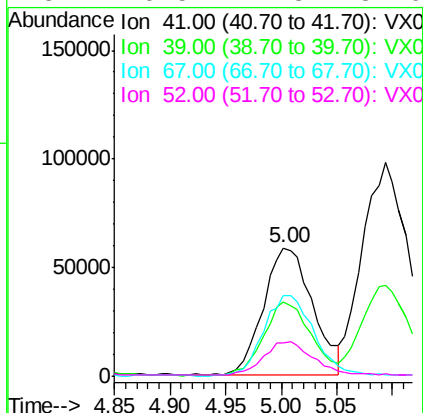
Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.7	19.8	29.8





#41
Methacrylonitrile
Concen: 18.279 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		180920		
39	54.8	44.5	66.7		
67	64.0	48.9	73.3		
52	26.5	21.8	32.6		



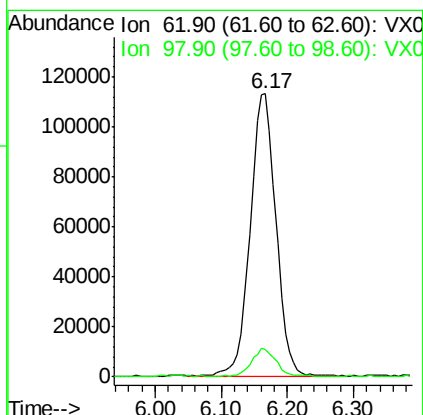
Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

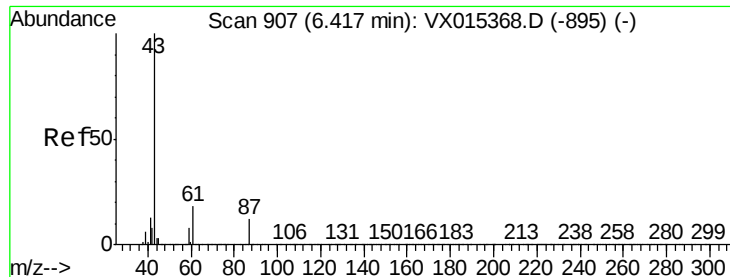
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#42
1,2-Dichloroethane
Concen: 19.323 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		311346		
98	9.7	0.0	17.6		





#43

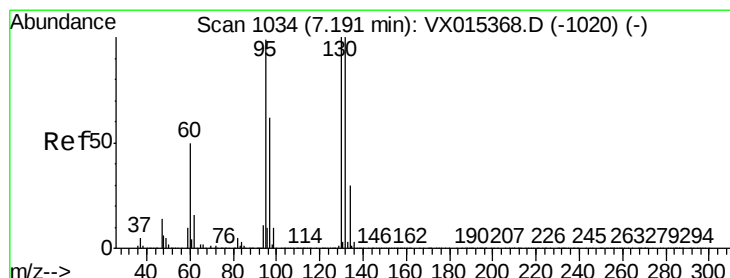
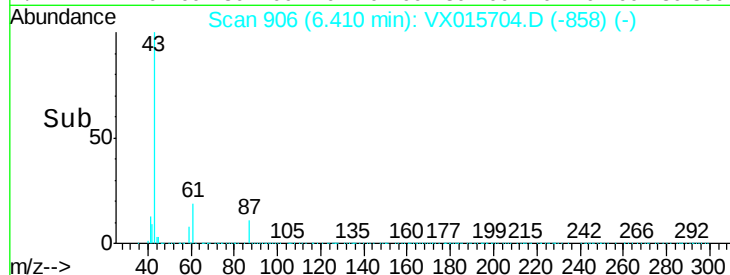
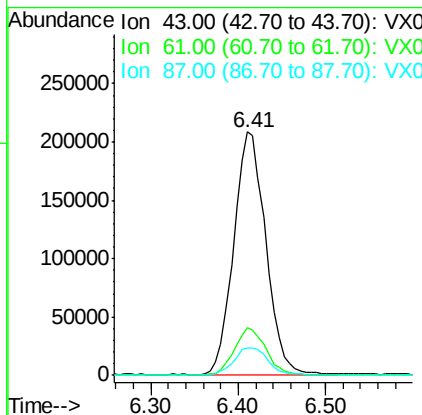
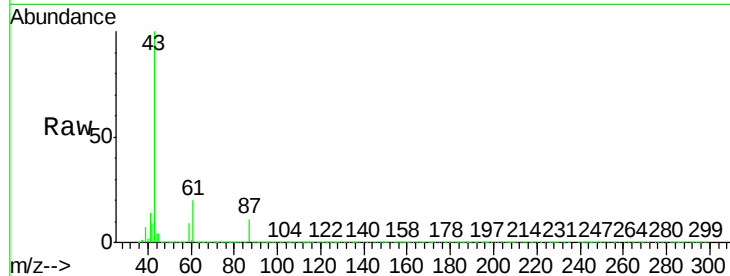
Isopropyl Acetate
 Concen: 17.635 ug/l
 RT: 6.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion:	43	Resp:	530789
Ion	Ratio	Lower	Upper
43	100		
61	19.5	14.8	22.2
87	11.9	9.4	14.0

Manual Integrations
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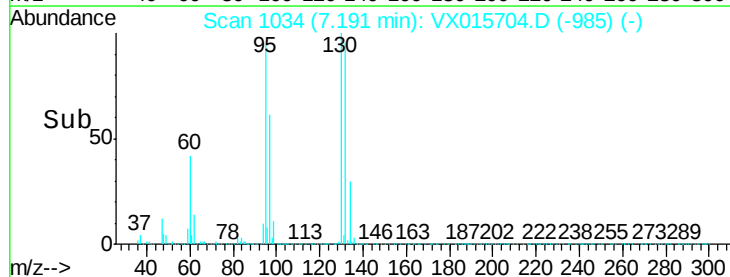
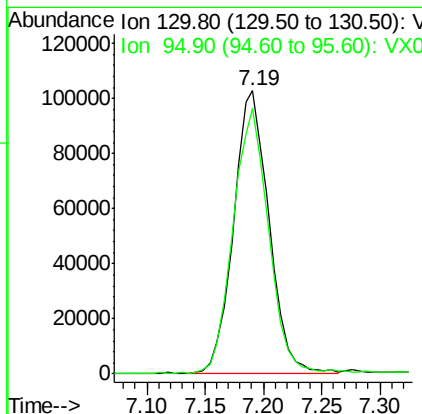
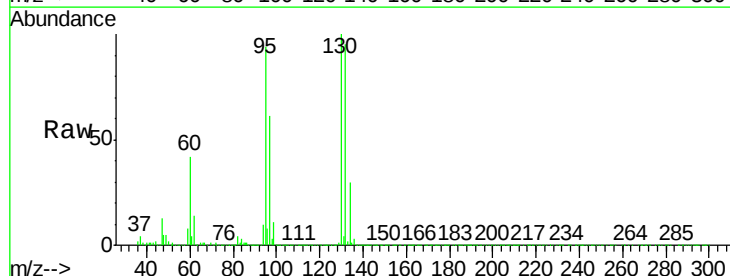
MMDadoda
 4/17/2020 11:55:33 AM

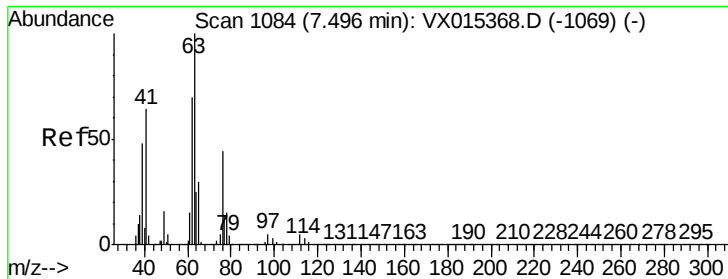


#44

Trichloroethene
 Concen: 19.879 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion:	130	Resp:	217467
Ion	Ratio	Lower	Upper
130	100		
95	93.8	0.0	199.0





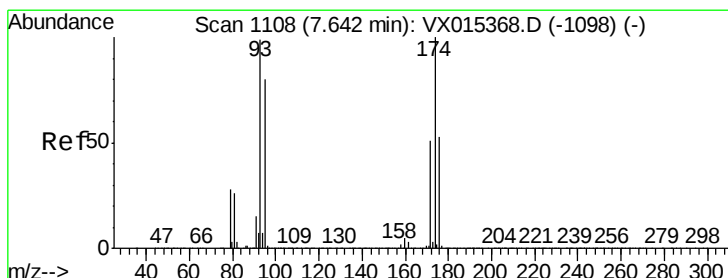
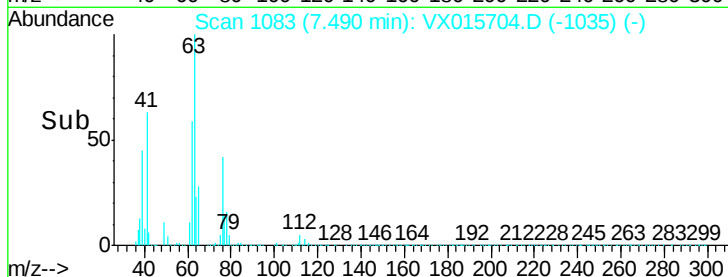
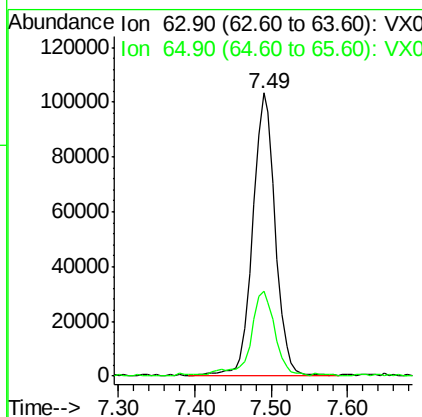
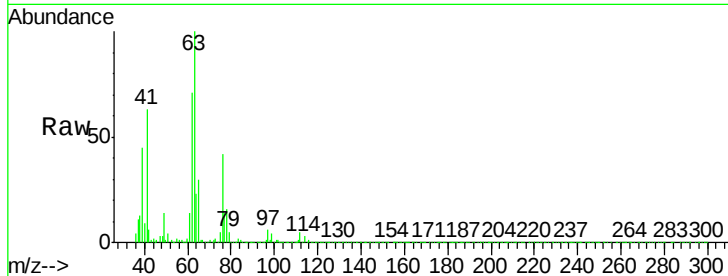
#45
 1,2-Dichloropropane
 Concen: 19.056 ug/l
 RT: 7.49 min Scan# 1083
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	209105		
65	29.6		23.9	35.9

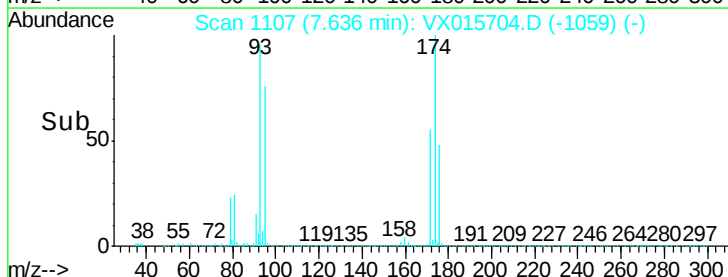
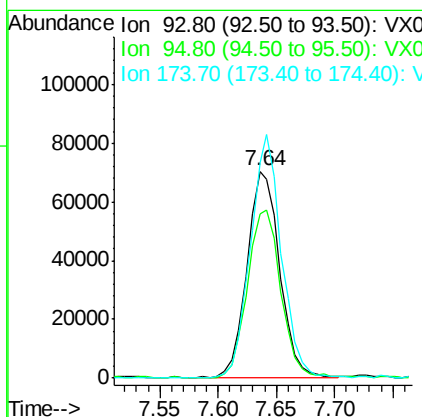
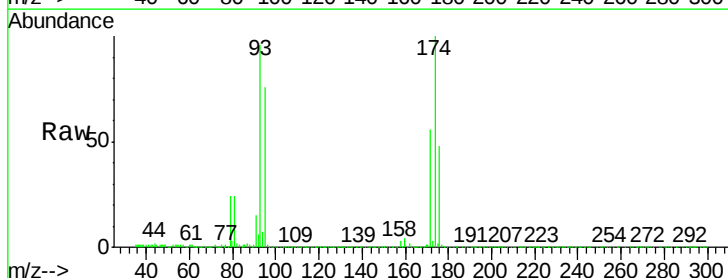
Manual Integrations
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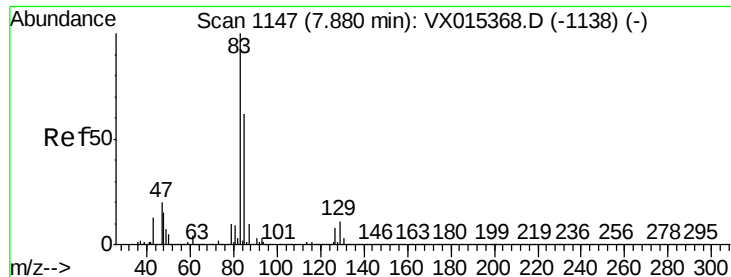
MMDadoda
 4/17/2020 11:55:33 AM



#46
 Dibromomethane
 Concen: 19.106 ug/l
 RT: 7.64 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	137527		
95	83.3		65.8	98.8
174	111.7		86.2	129.2





#47

Bromodichloromethane

Concen: 18.489 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

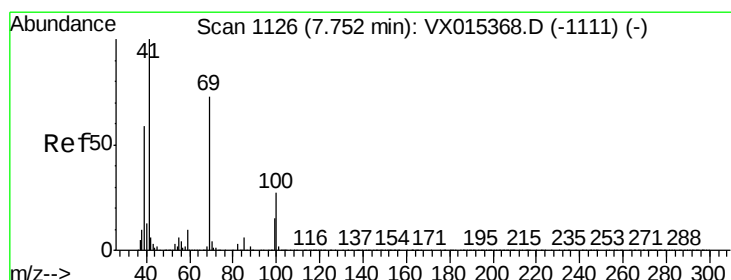
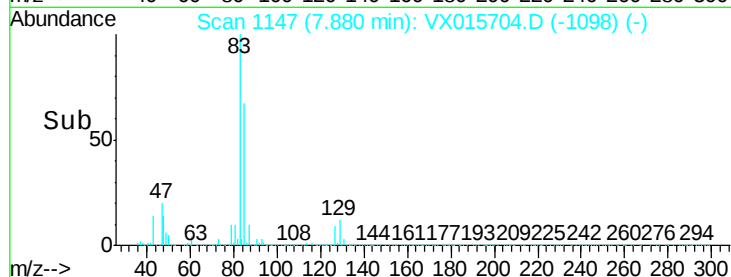
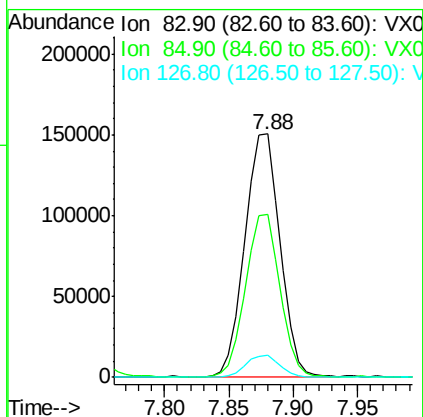
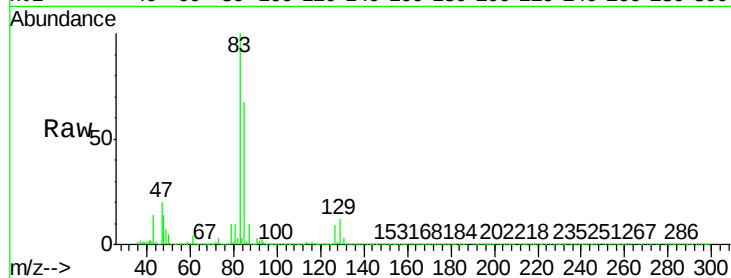
ClientSampleId :

VX0416WBSD01

Tot Ion:	83	Resp:	283587
Ion Ratio	Lower	Upper	
83	100		
85	66.8	49.7	74.5
127	9.2	6.7	10.1

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4/17/2020 11:55:33 AM



#48

Methyl methacrylate

Concen: 17.684 ug/l

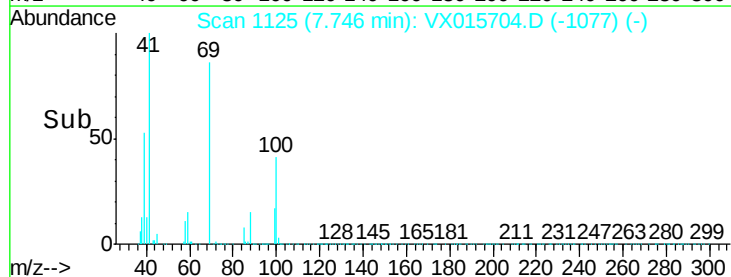
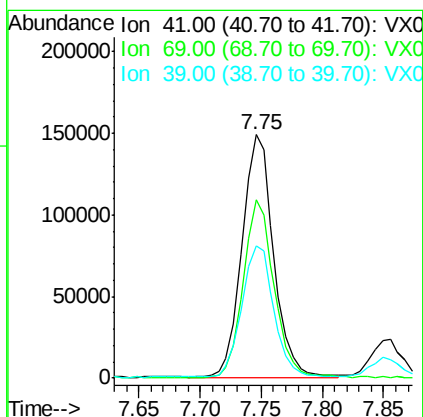
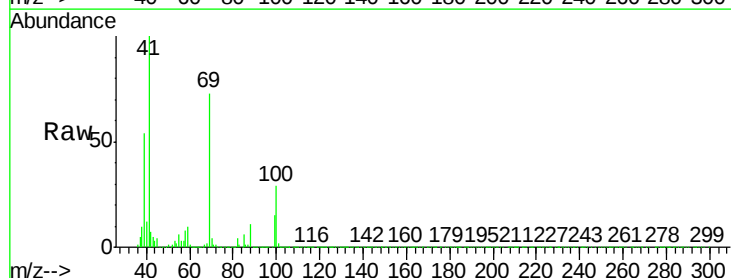
RT: 7.75 min Scan# 1125

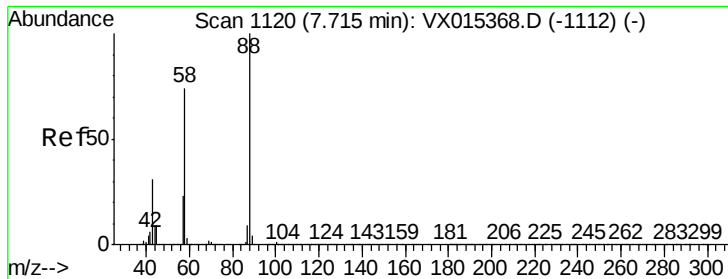
Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	41	Resp:	265860
Ion Ratio	Lower	Upper	
41	100		
69	72.8	56.7	85.1
39	54.7	46.5	69.7





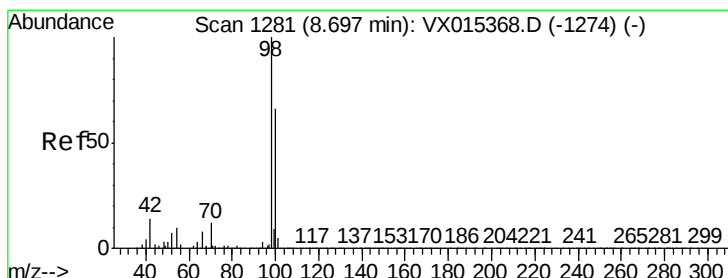
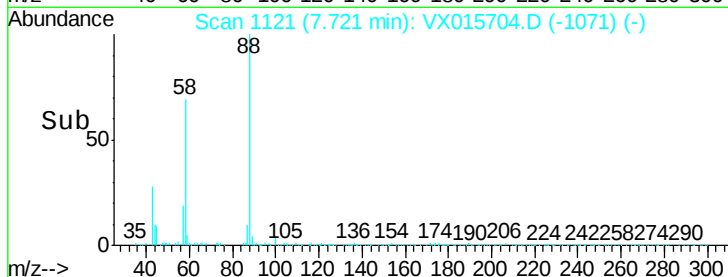
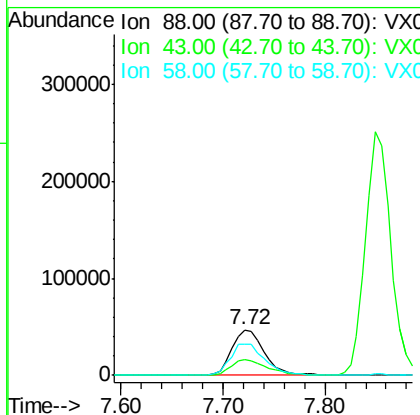
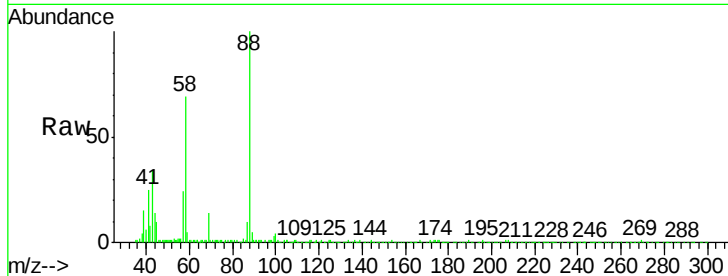
#49
1,4-Dioxane
Concen: 362.546 ug/l
RT: 7.72 min Scan# 1121
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.1	45.1
58	72.3	60.6	90.8

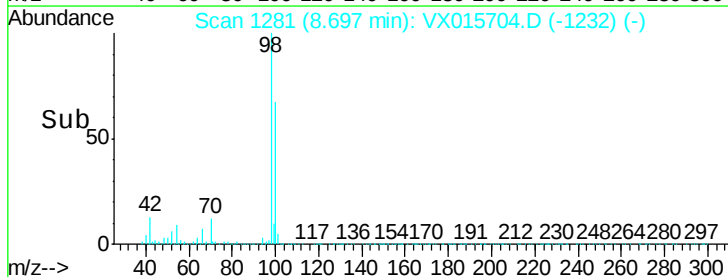
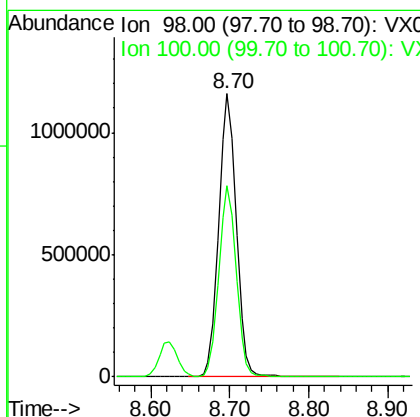
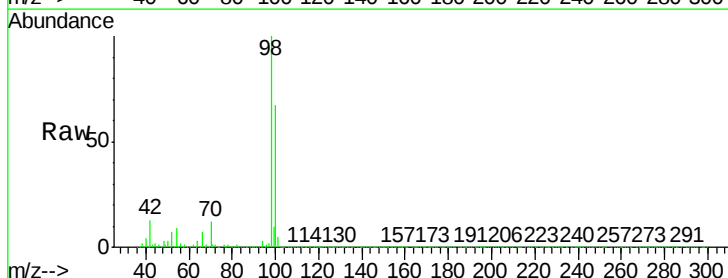
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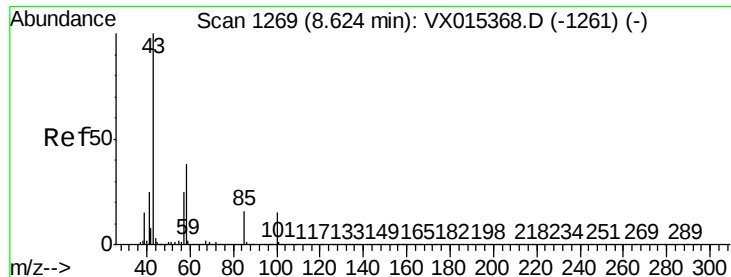
MMDadoda
4/17/2020 11:55:33 AM



#50
Toluene-d8
Concen: 51.618 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.2	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 92.934 ug/l

RT: 8.62 min Scan# 1268

Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 43 Resp: 1585243

Ion Ratio Lower Upper

43 100

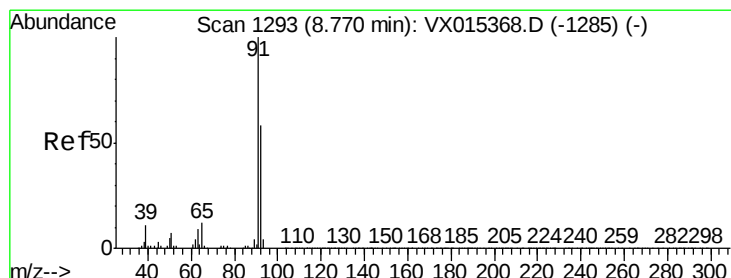
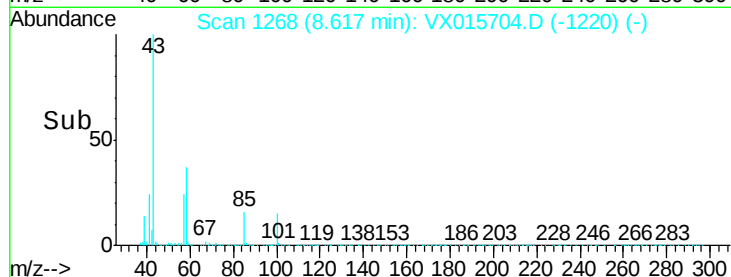
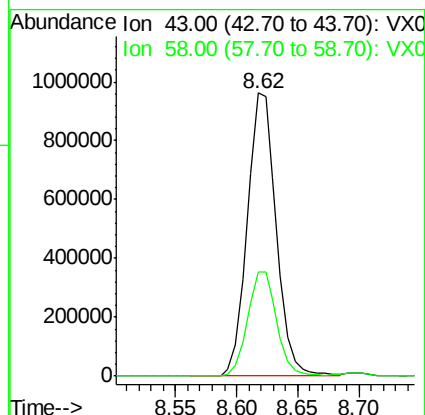
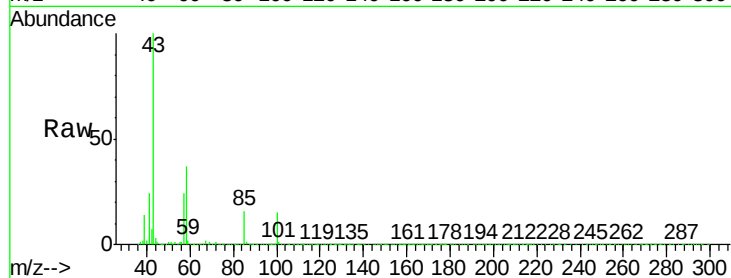
58 36.9 29.7 44.5

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4/17/2020 11:55:33 AM



#52

Toluene

Concen: 19.582 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015704.D

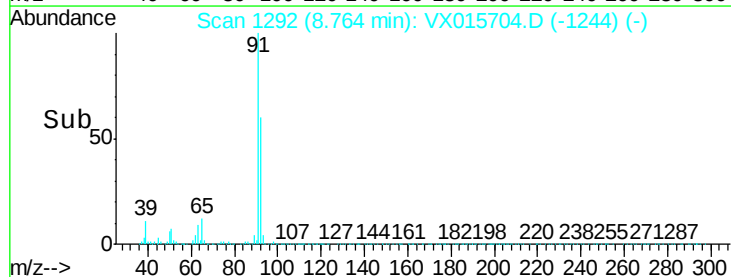
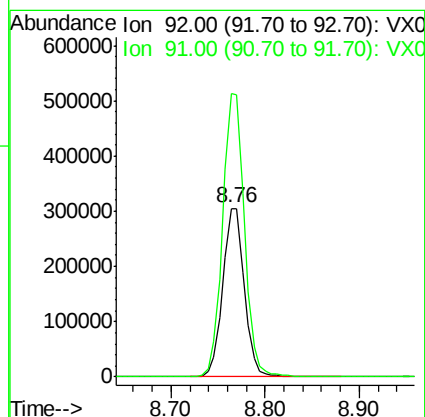
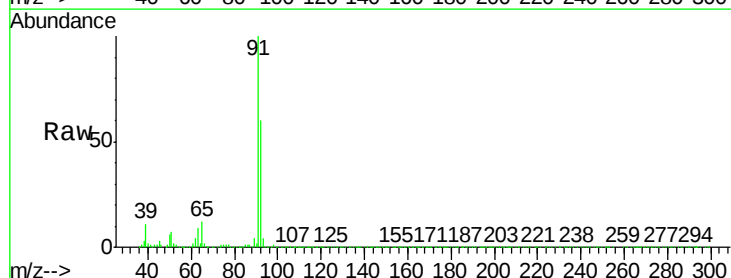
Acq: 16 Apr 2020 12:14

Tgt Ion: 92 Resp: 484268

Ion Ratio Lower Upper

92 100

91 169.8 136.6 205.0





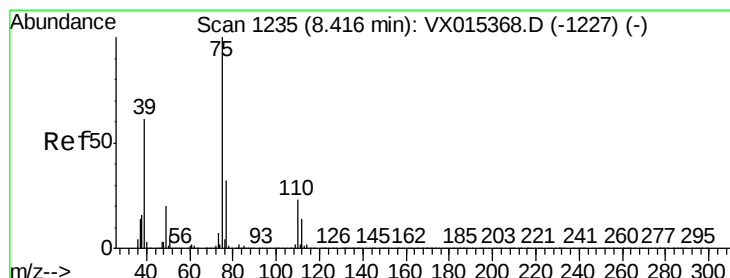
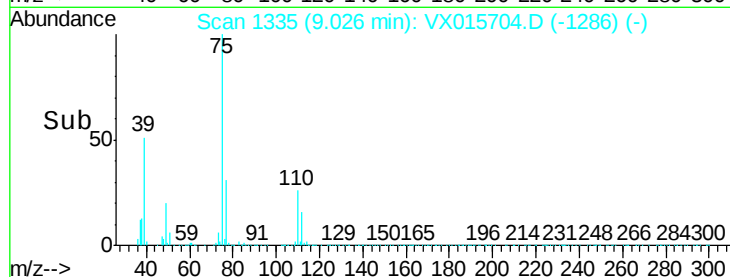
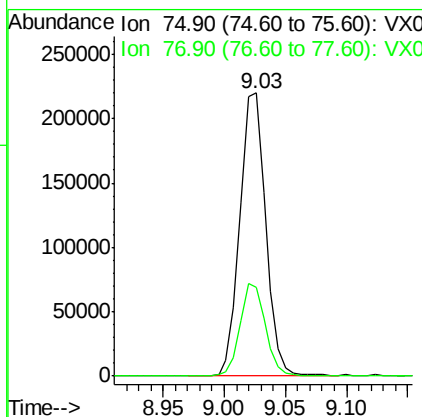
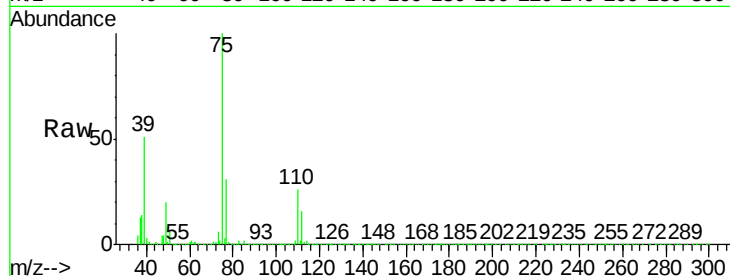
#53
 t-1,3-Dichloropropene
 Concen: 18.033 ug/l
 RT: 9.03 min Scan# 1335
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.1	24.1	36.1

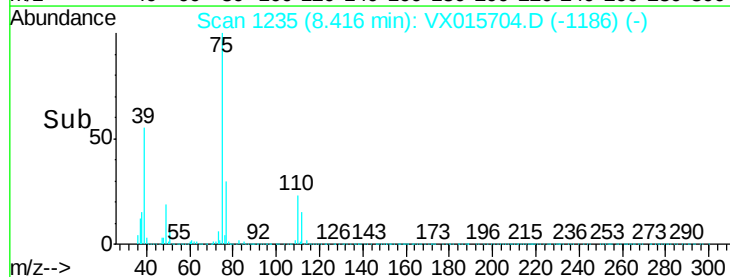
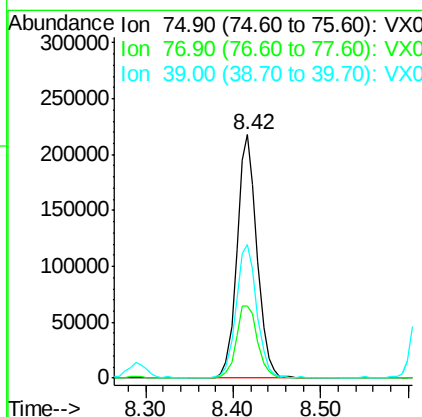
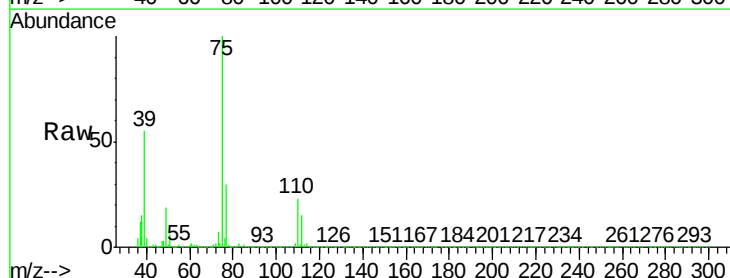
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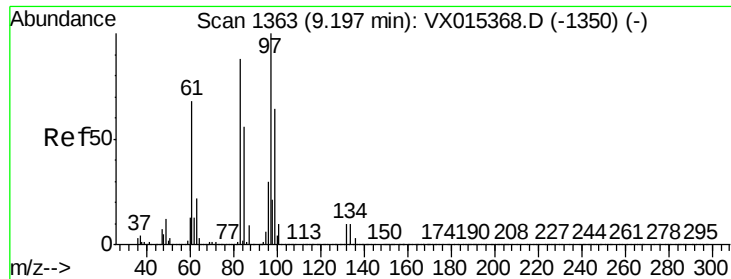
MMDadoda
 4/17/2020 11:55:33 AM



#54
 cis-1,3-Dichloropropene
 Concen: 18.874 ug/l
 RT: 8.42 min Scan# 1235
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
77	29.6	25.8	38.6
39	54.8	49.0	73.4





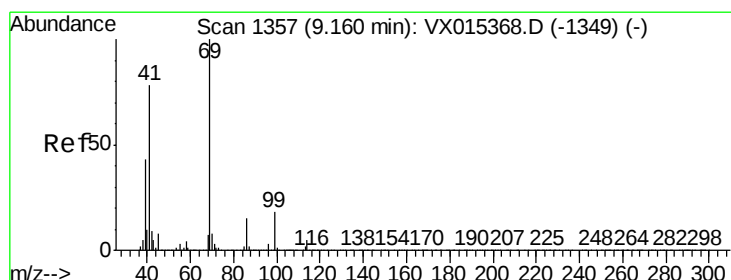
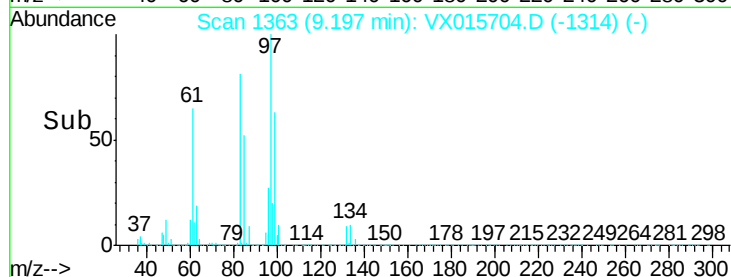
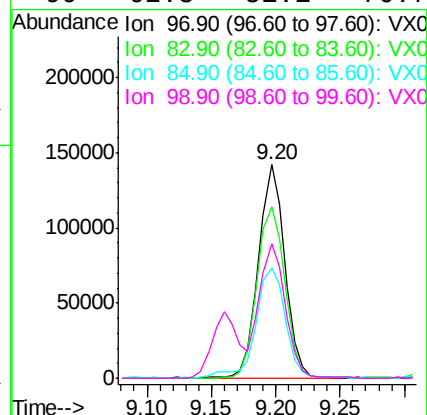
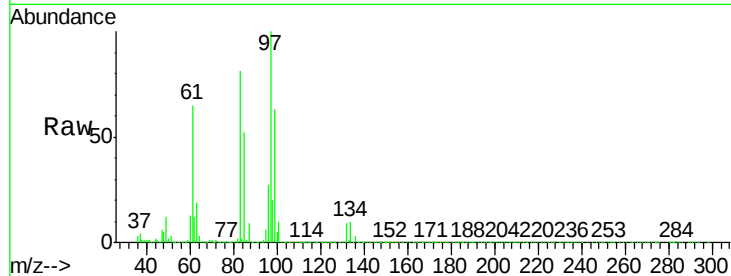
#55
 1,1,2-Trichloroethane
 Concen: 19.618 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		198770		
83	80.3	70.2	105.4		
85	51.6	44.7	67.1		
99	62.5	51.1	76.7		

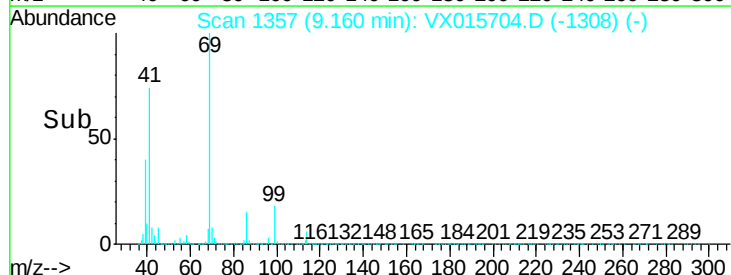
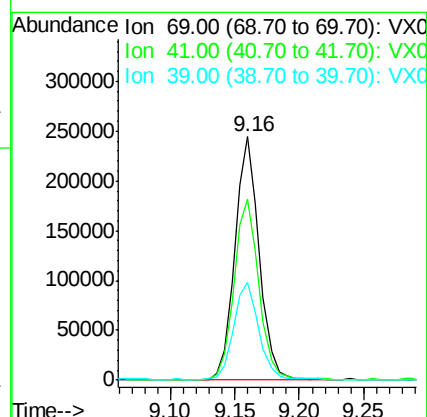
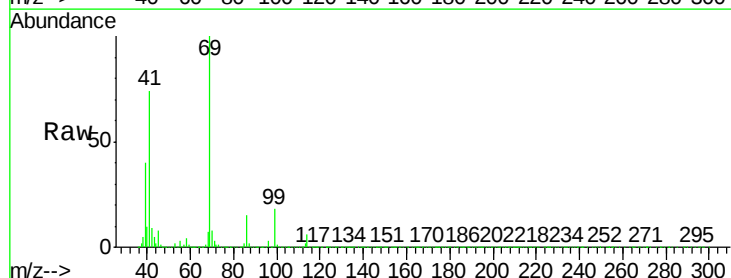
Manual Integrations
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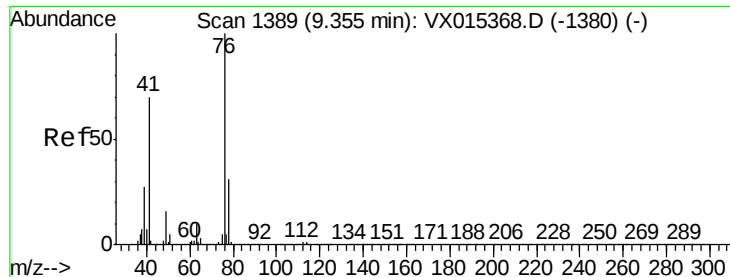
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 4/17/2020 11:55:33 AM



#56
 Ethyl methacrylate
 Concen: 17.976 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		320984		
41	76.2	61.6	92.4		
39	41.5	34.0	51.0		





#57

1,3-Dichloropropane

Concen: 19.180 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 76 Resp: 350126

Ion Ratio Lower Upper

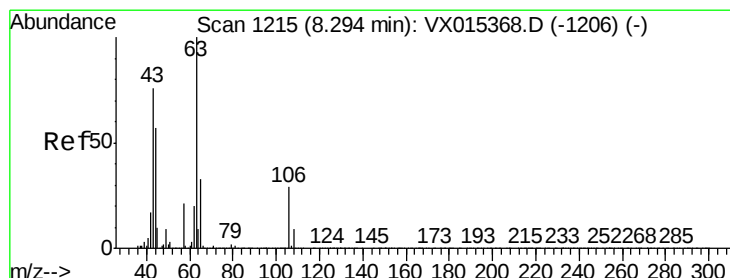
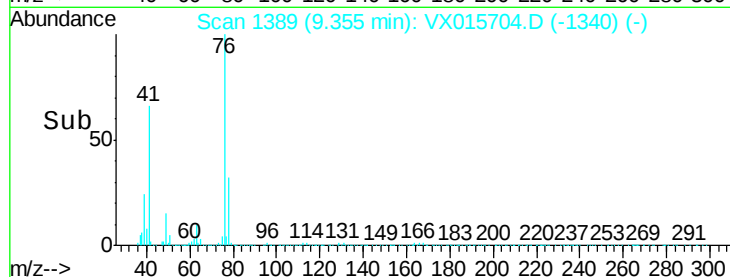
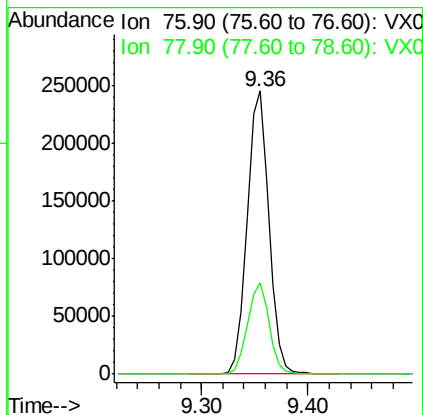
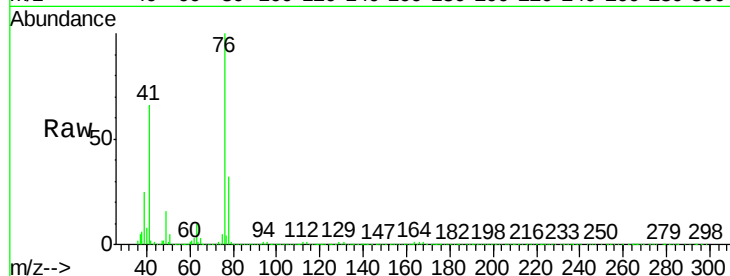
76 100

78 32.1 25.8 38.8

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#58

2-Chloroethyl Vinyl ether

Concen: 95.017 ug/l

RT: 8.29 min Scan# 1214

Delta R.T. -0.01 min

Lab File: VX015704.D

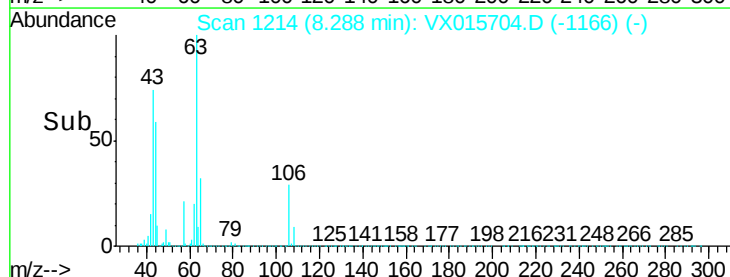
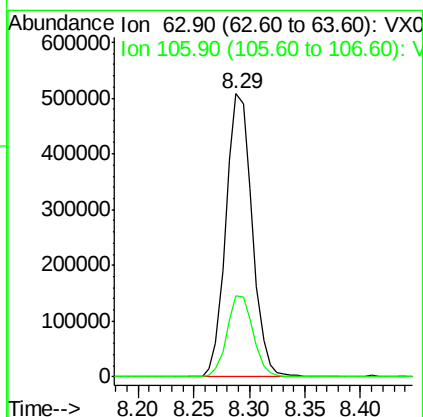
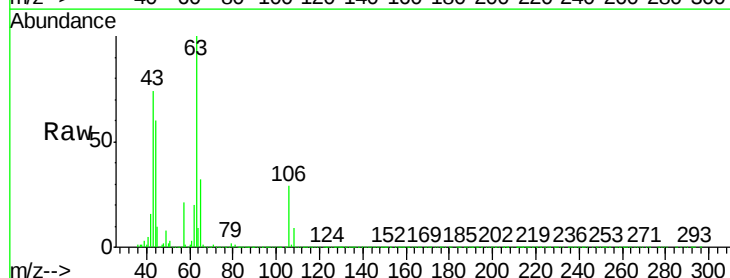
Acq: 16 Apr 2020 12:14

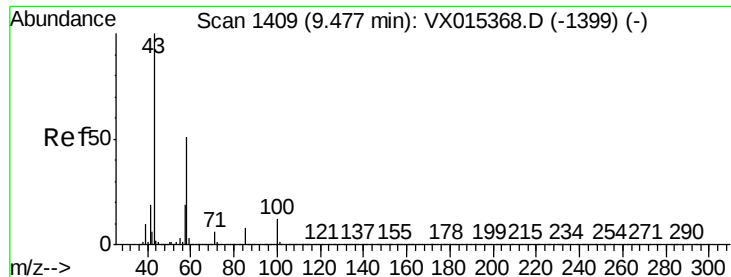
Tgt Ion: 63 Resp: 825270

Ion Ratio Lower Upper

63 100

106 28.6 22.7 34.1





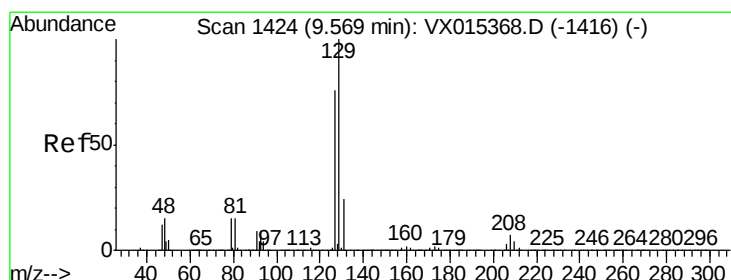
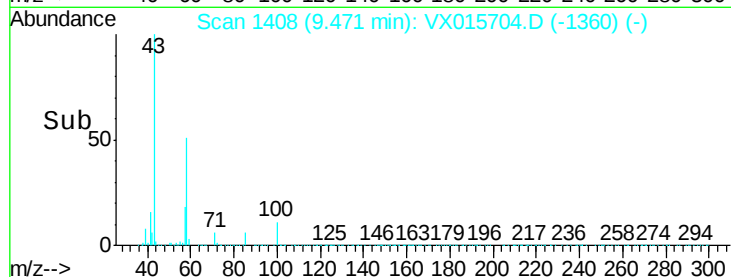
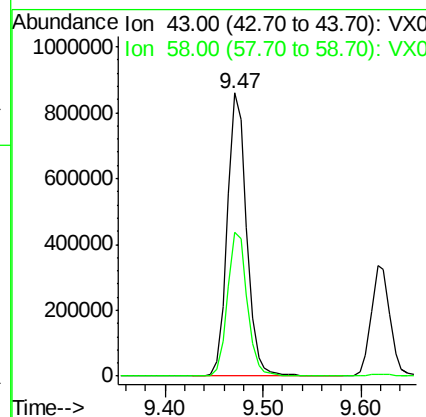
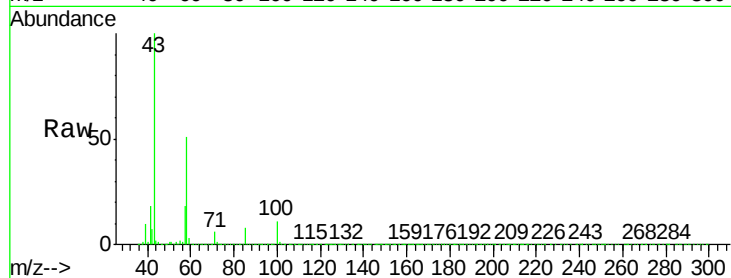
#59
2-Hexanone
Concen: 91.304 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion: 43 Resp: 1175827
Ion Ratio Lower Upper
43 100
58 51.8 25.6 76.6

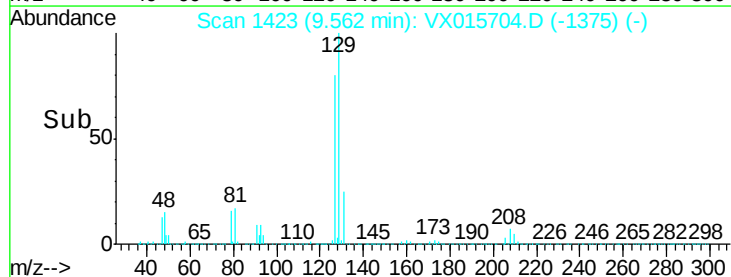
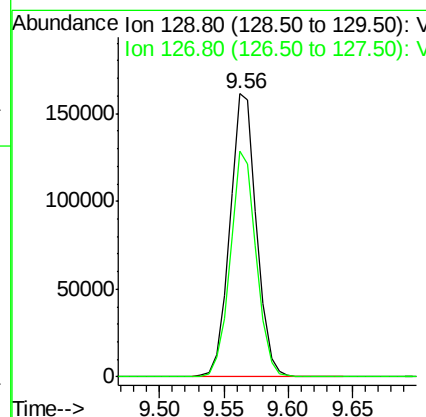
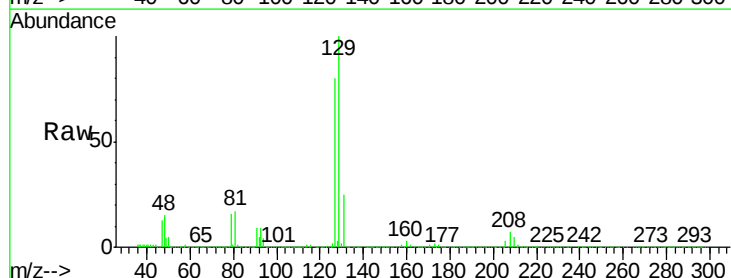
Manual Integrations
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MMDadoda
4/17/2020 11:55:33 AM



#60
Dibromochloromethane
Concen: 19.113 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion: 129 Resp: 232706
Ion Ratio Lower Upper
129 100
127 77.7 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.357 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 107 Resp: 213258

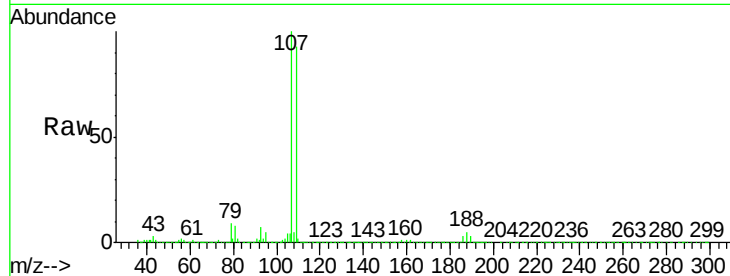
Ion Ratio Lower Upper

107 100

109 94.1 74.8 112.2

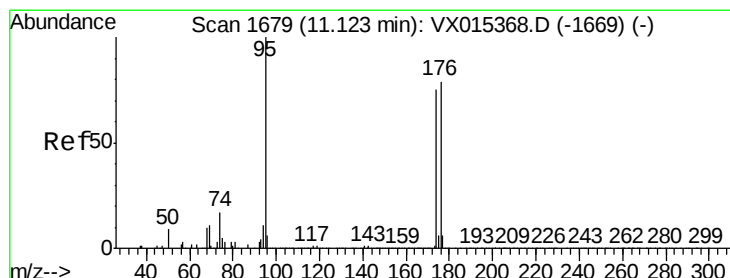
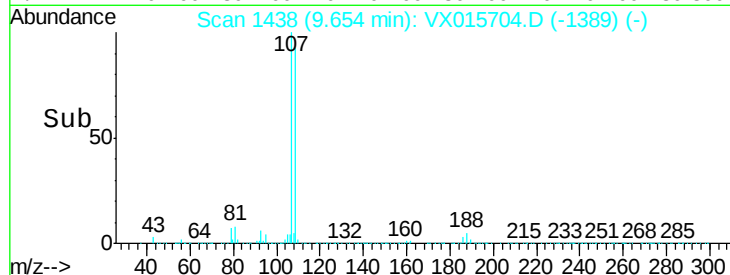
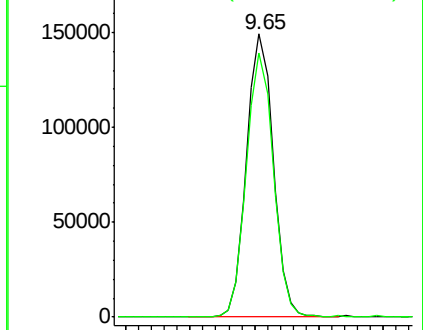
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.004 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

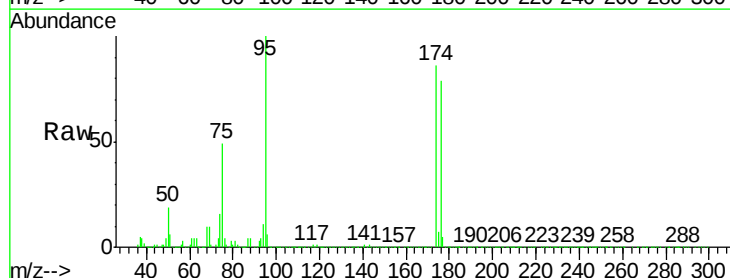
Tgt Ion: 95 Resp: 725014

Ion Ratio Lower Upper

95 100

174 86.4 0.0 158.6

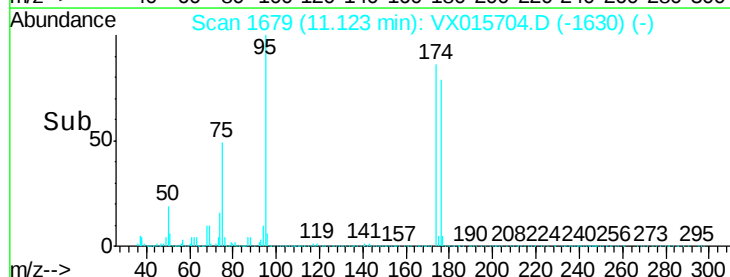
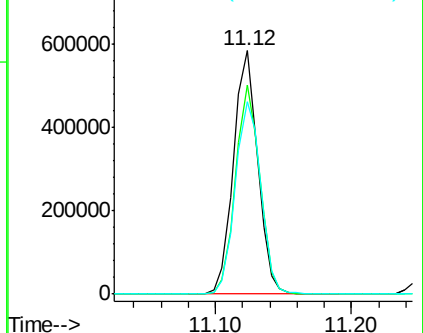
176 83.4 0.0 159.0

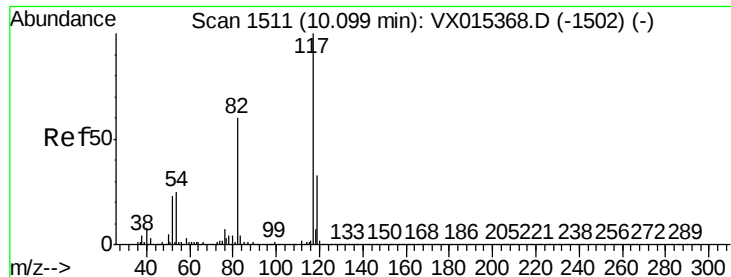


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





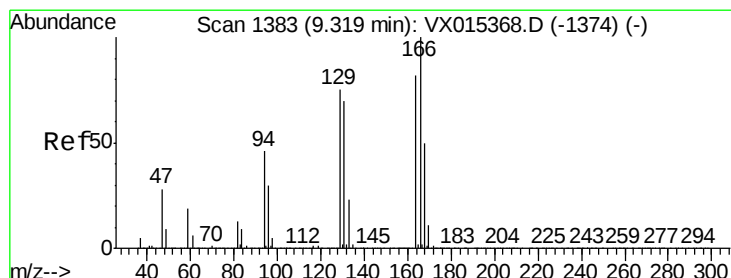
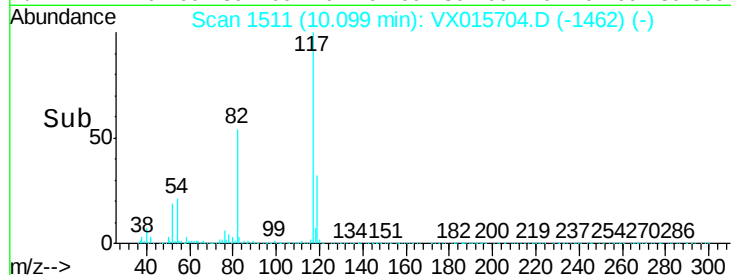
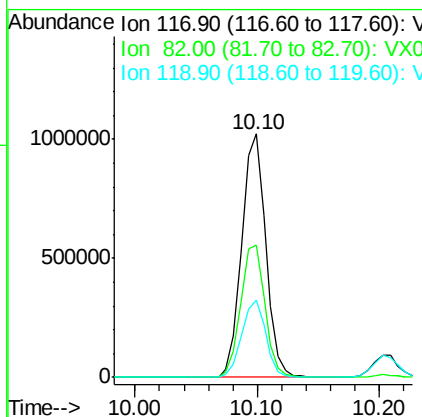
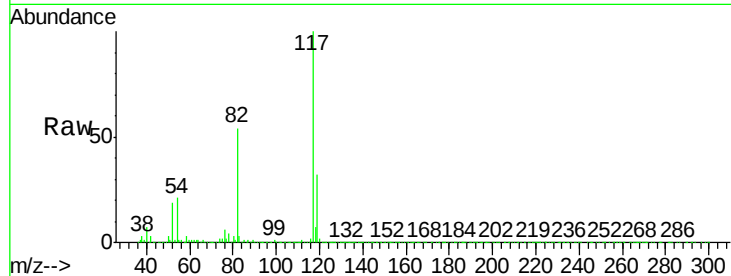
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.1	47.8	71.8
119	31.8	26.8	40.2

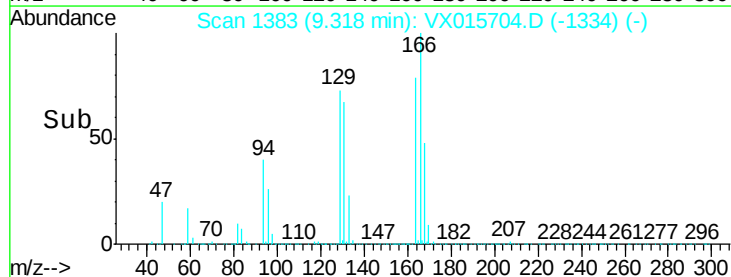
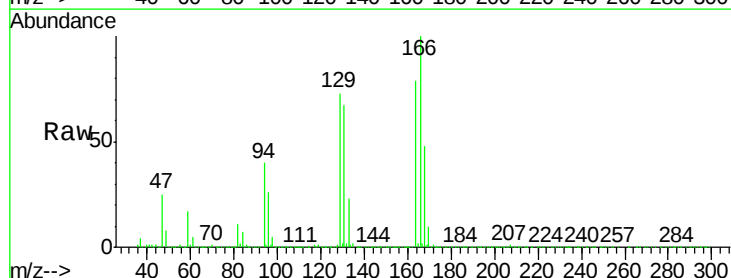
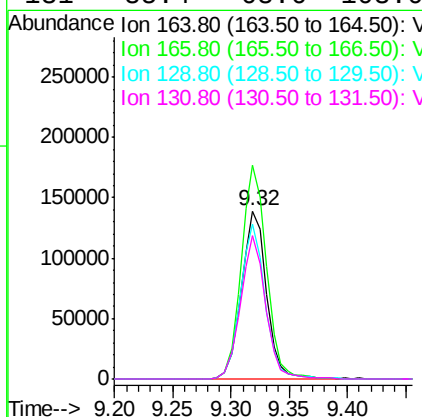
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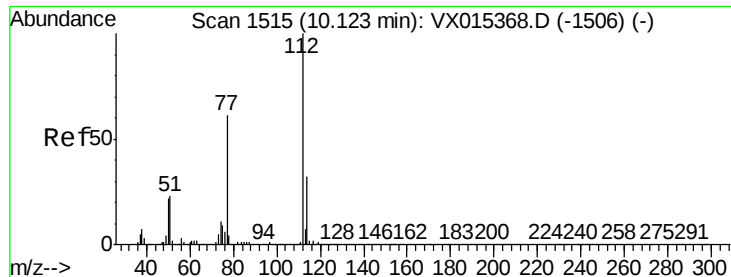
MMDadoda
4/17/2020 11:55:33 AM



#64
Tetrachloroethene
Concen: 20.066 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.3	97.8	146.6
129	92.3	73.0	109.4
131	85.4	68.6	103.0





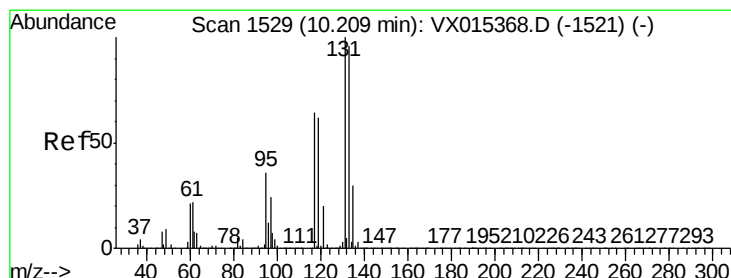
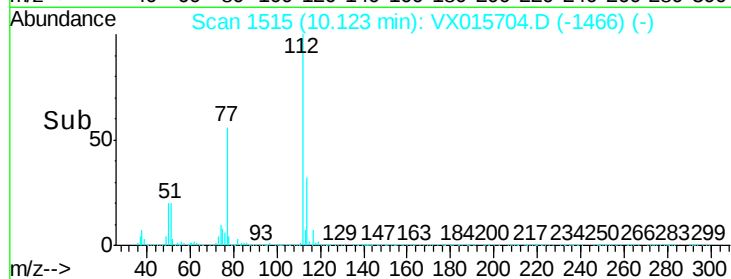
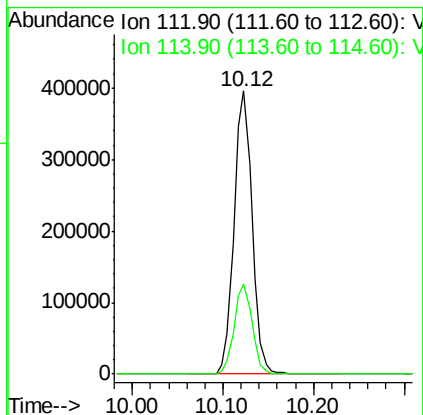
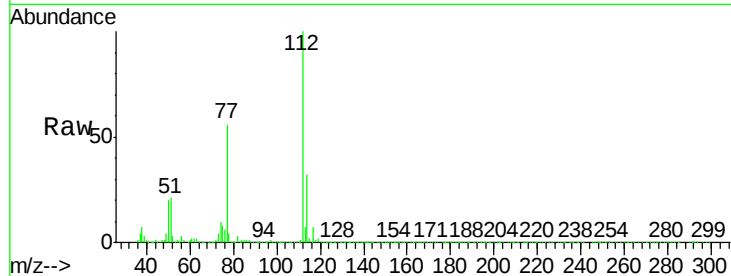
#65
Chlorobenzene
Concen: 19.784 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.8	25.5	38.3

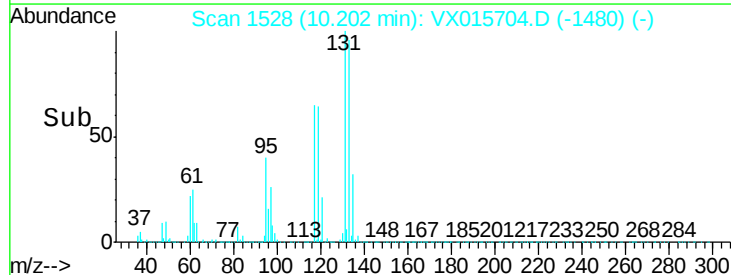
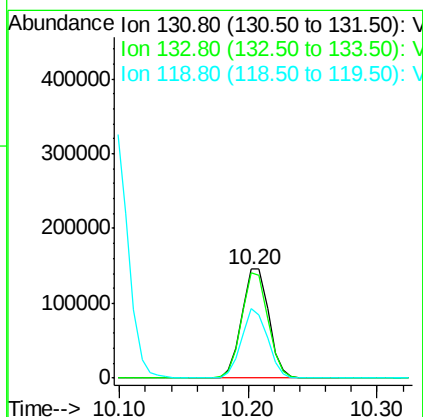
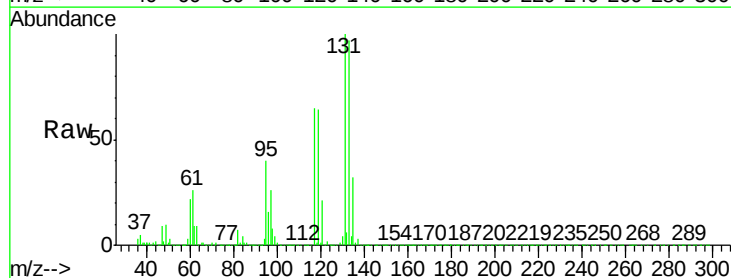
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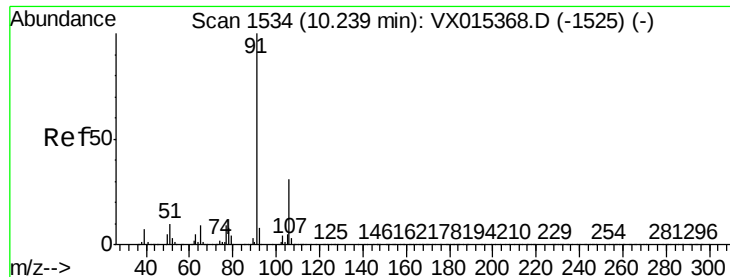
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.073 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
131	100		
133	94.7	47.6	142.9
119	61.1	31.1	93.3





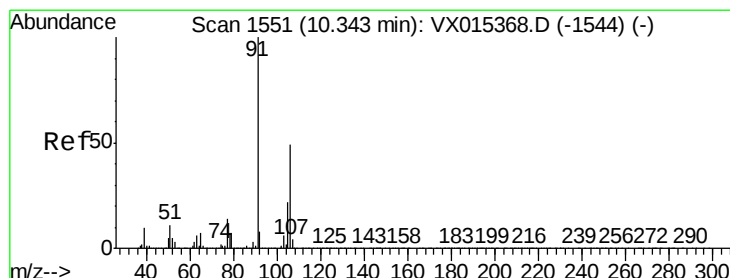
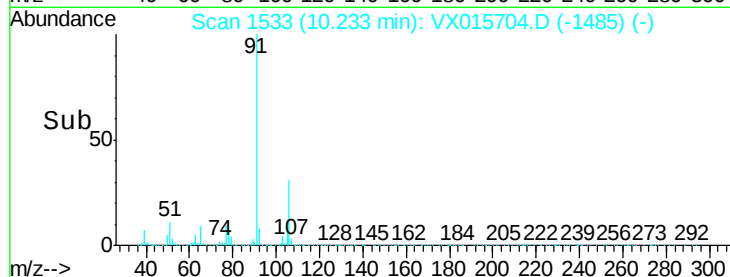
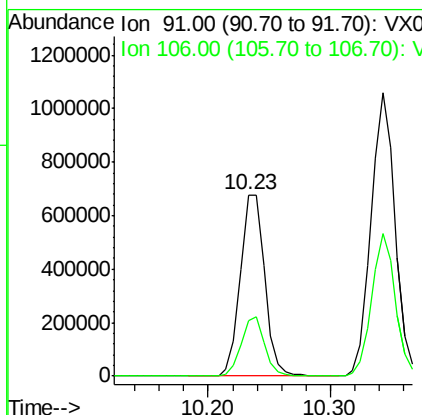
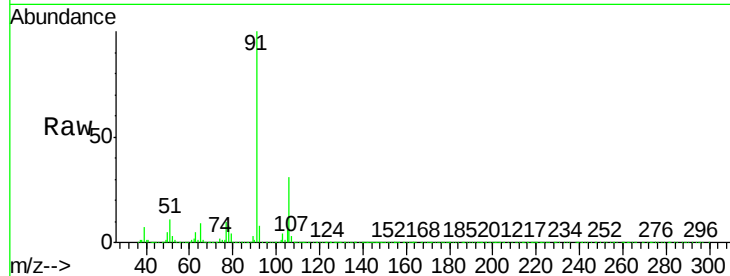
#67
Ethyl Benzene
Concen: 19.159 ug/l
RT: 10.23 min Scan# 1533
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion: 91 Resp: 940618
Ion Ratio Lower Upper
91 100
106 30.6 24.8 37.2

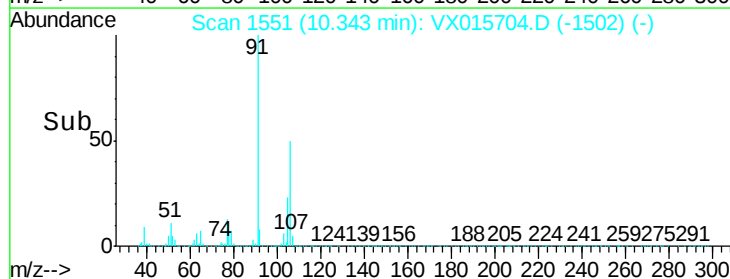
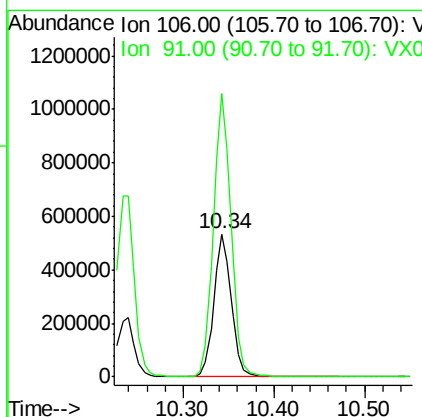
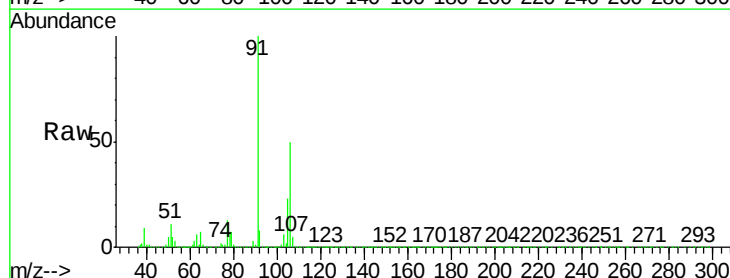
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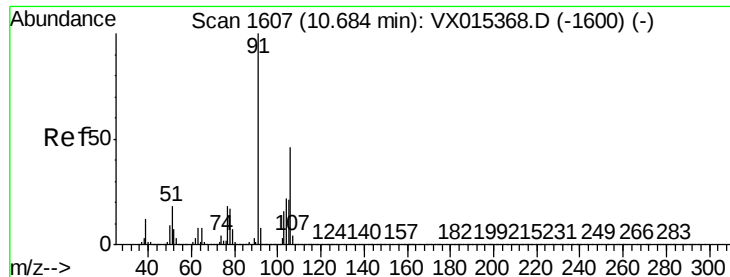
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4/17/2020 11:55:33 AM



#68
m/p-Xylenes
Concen: 39.508 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion: 106 Resp: 722291
Ion Ratio Lower Upper
106 100
91 200.4 163.4 245.0





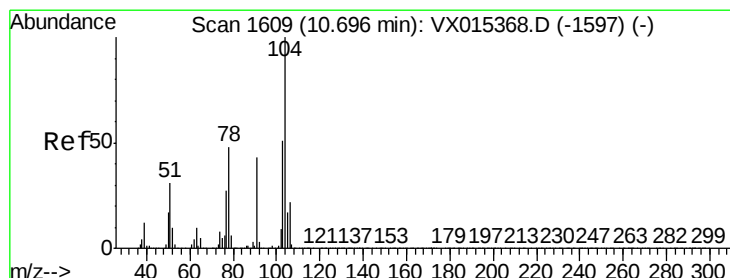
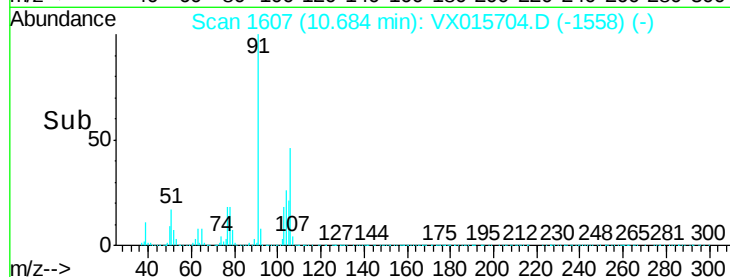
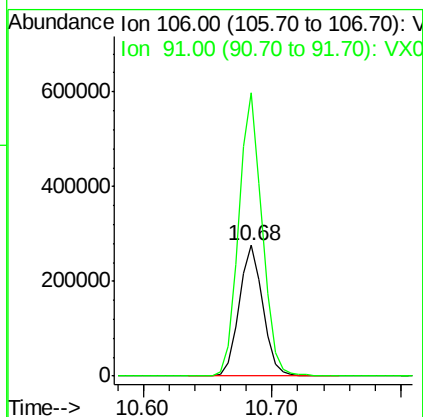
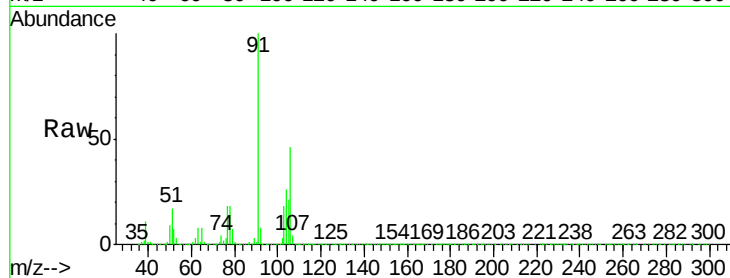
#69
o-Xylene
Concen: 19.370 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	214.1	107.1	321.3

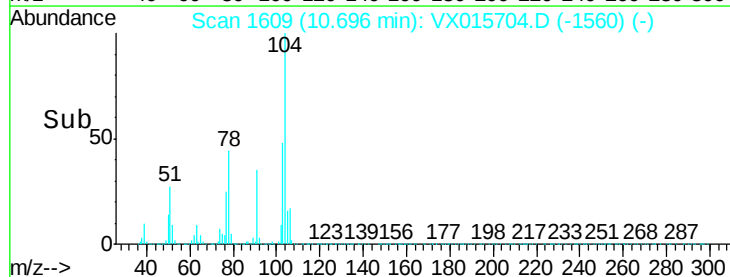
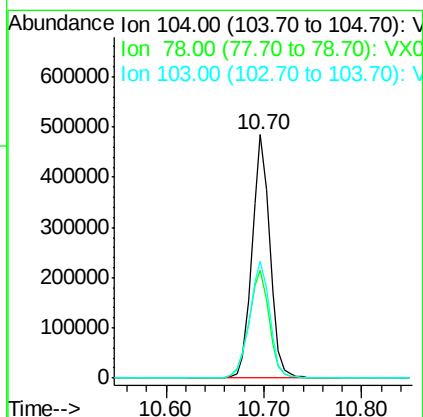
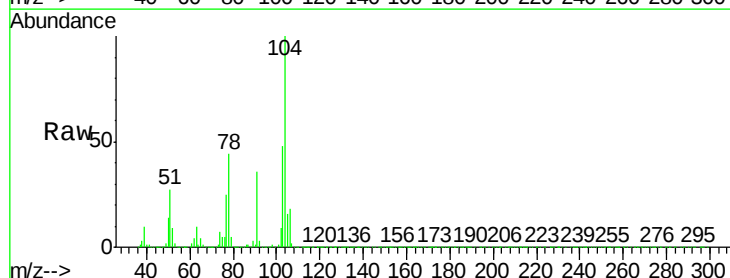
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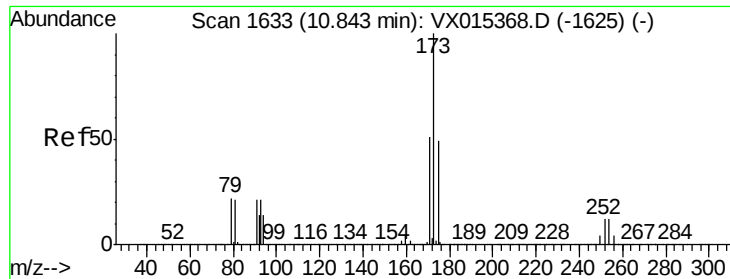
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#70
Styrene
Concen: 19.387 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.3	42.0	63.0
103	53.8	43.4	65.0





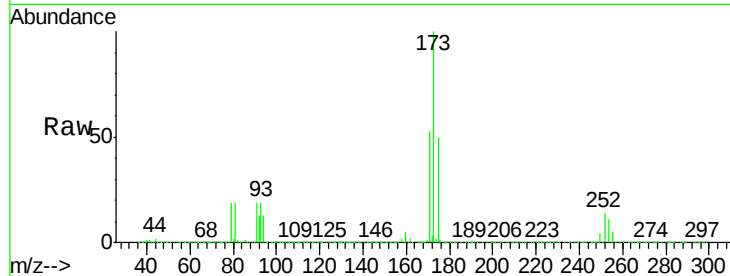
#71
Bromoform
Concen: 18.076 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

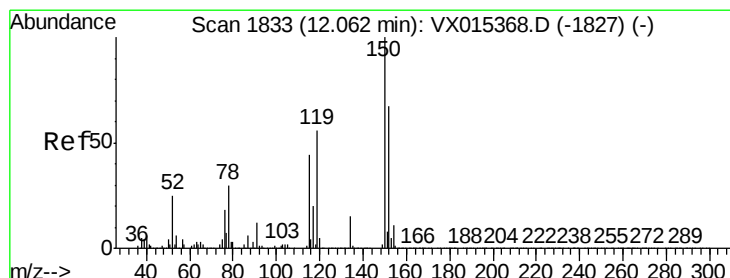
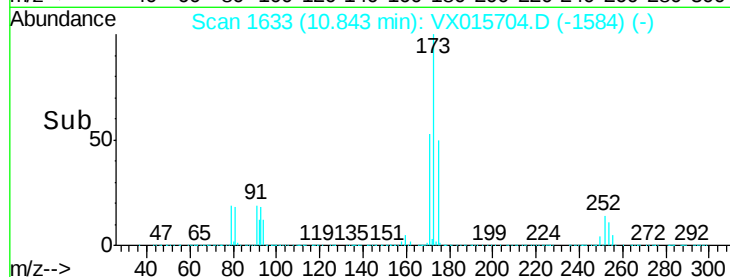
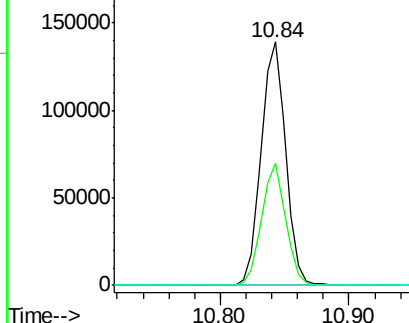
Tot Ion	Ratio	Resp	Lower	Upper
173	100	181979		
175	49.6	23.9	71.7	
254	0.3	0.1	0.1#	

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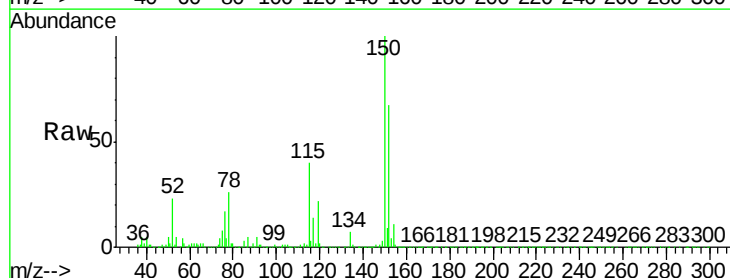


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

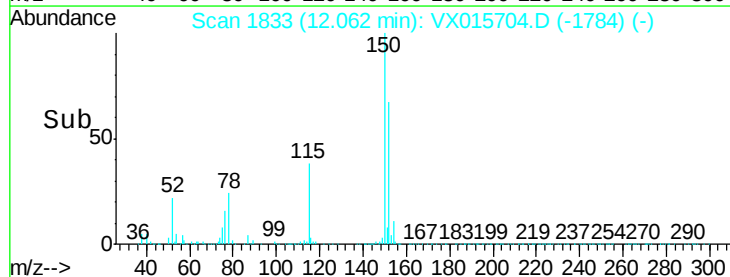
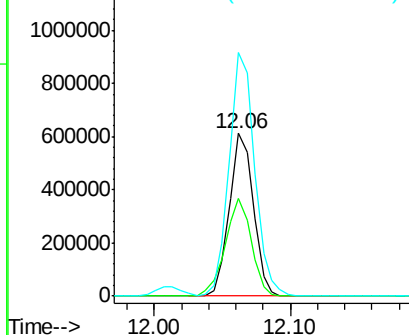


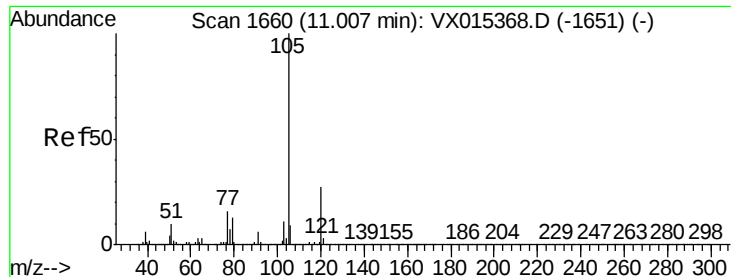
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	756218		
115	64.3	39.0	116.9	
150	158.4	0.0	340.8	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.002 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 105 Resp: 941551

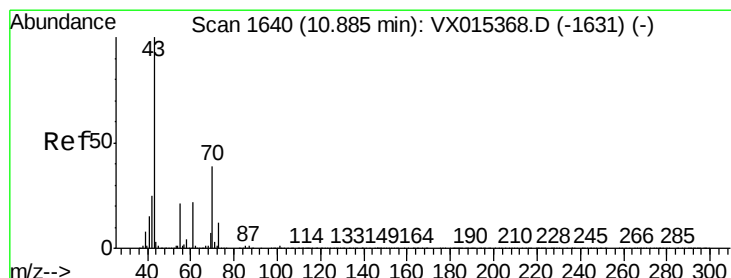
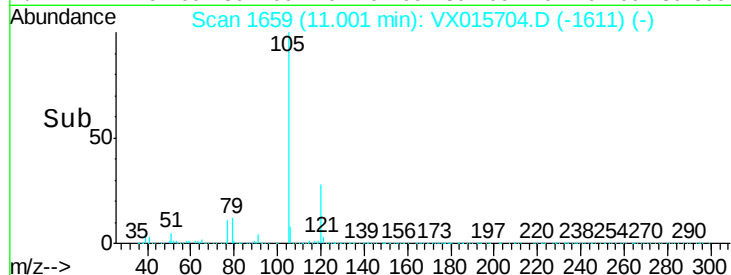
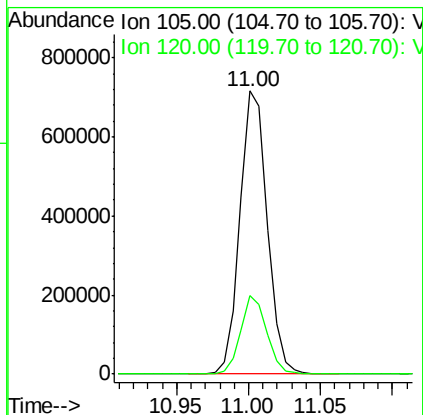
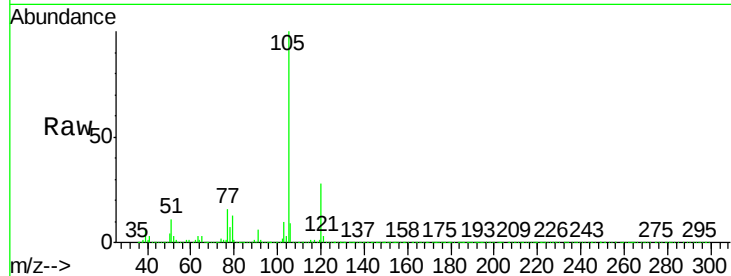
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

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#74

N-ethyl acetate

Concen: 16.585 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion: 43 Resp: 457043

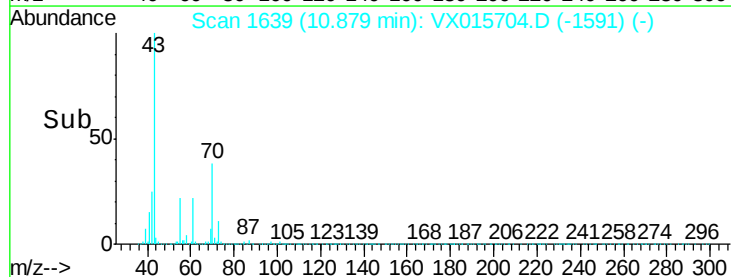
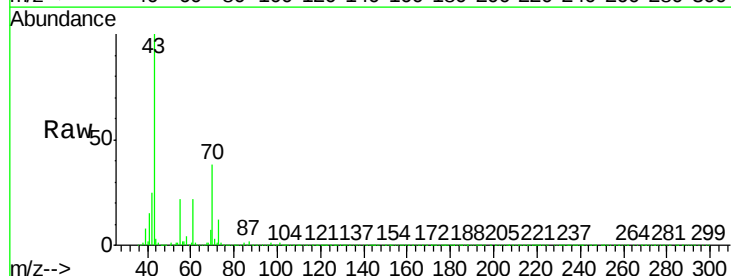
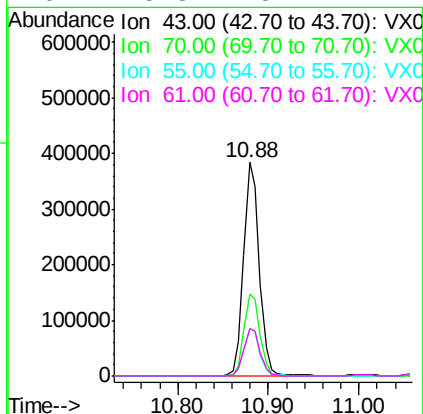
Ion Ratio Lower Upper

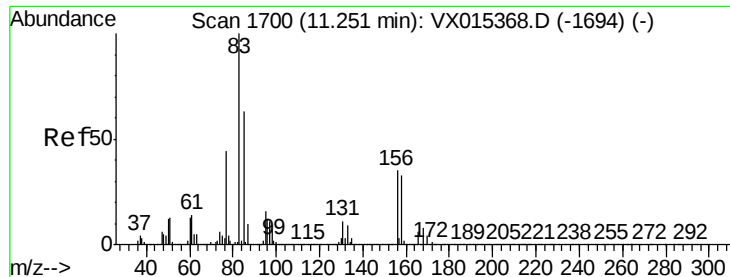
43 100

70 39.6 30.2 45.4

55 22.2 16.8 25.2

61 23.3 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 17.695 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

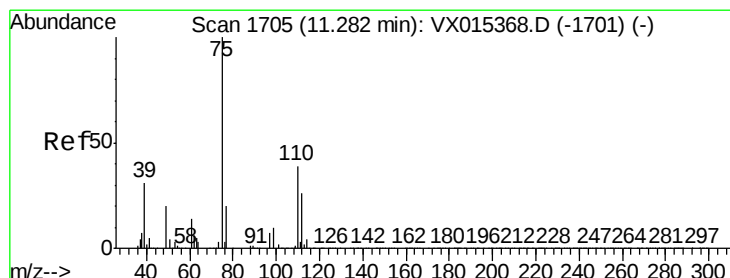
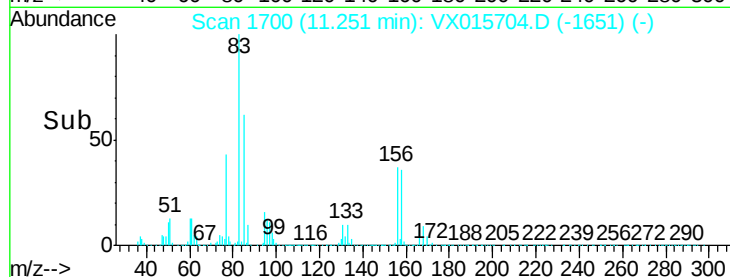
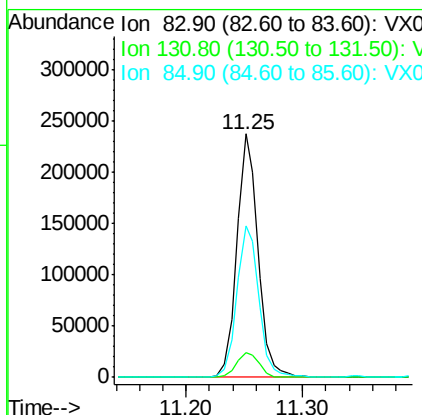
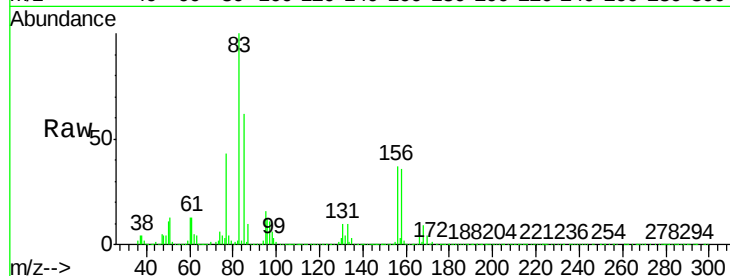
ClientSampleId :

VX0416WBSD01

Tot Ion:	83	Resp:	300851
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	65.0	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 17.860 ug/l m

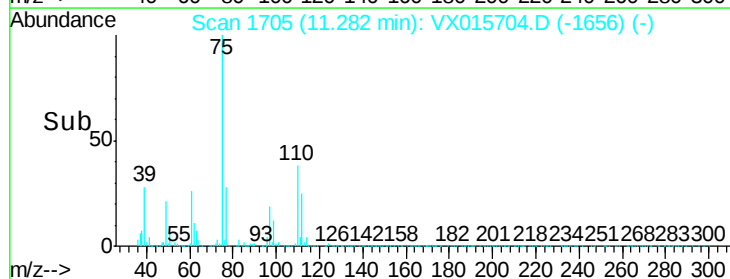
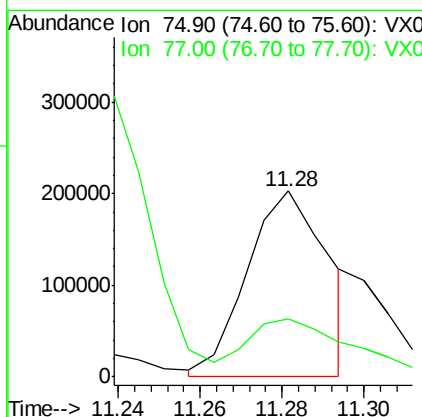
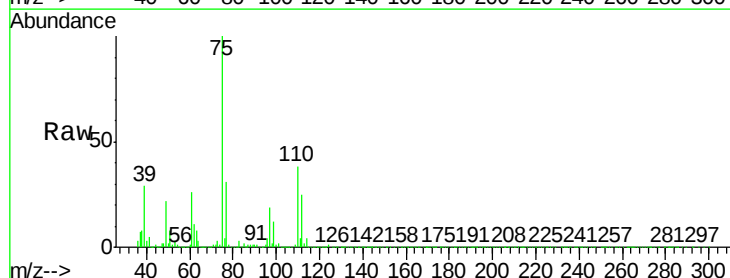
RT: 11.28 min Scan# 1705

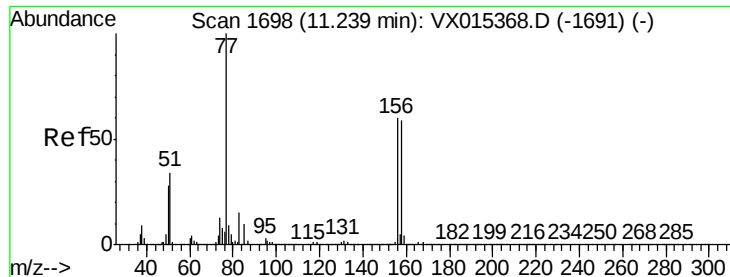
Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	75	Resp:	277741
Ion Ratio	Lower	Upper	
75	100		
77	40.2	21.2	63.6





#77

Bromobenzene

Concen: 19.316 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

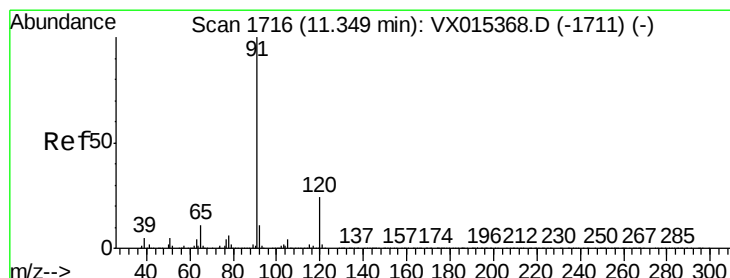
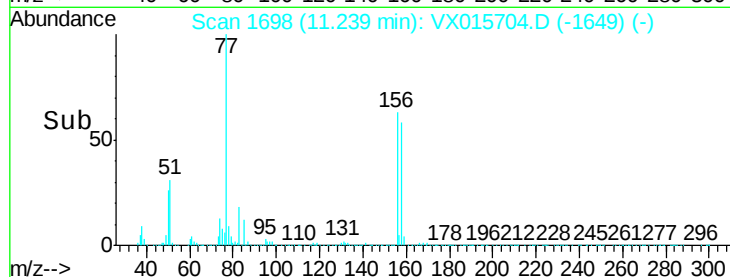
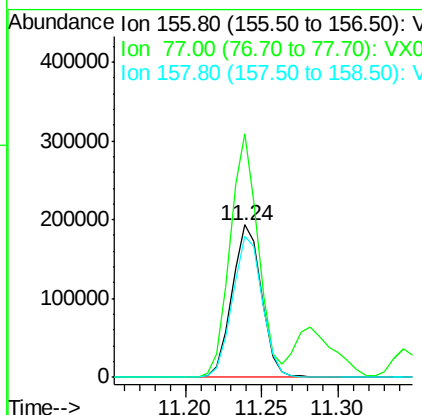
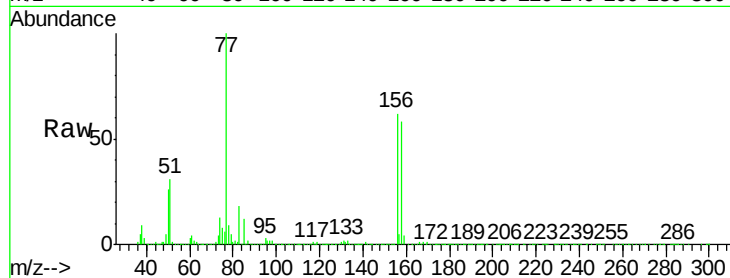
ClientSampleId :

VX0416WBSD01

Tot Ion:	156	Resp:	255290
Ion Ratio	Lower	Upper	
156	100		
77	153.8	82.2	246.5
158	95.1	49.3	147.9

Manual Integrations
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4/17/2020 11:55:33 AM



#78

n-propylbenzene

Concen: 18.822 ug/l

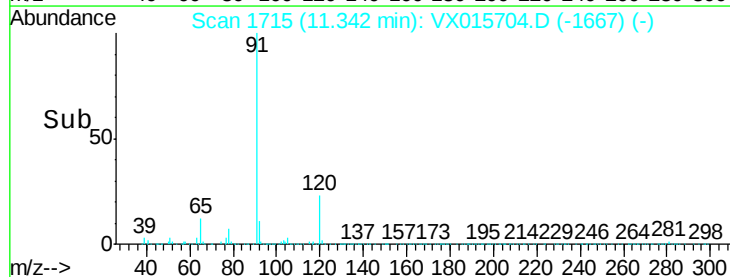
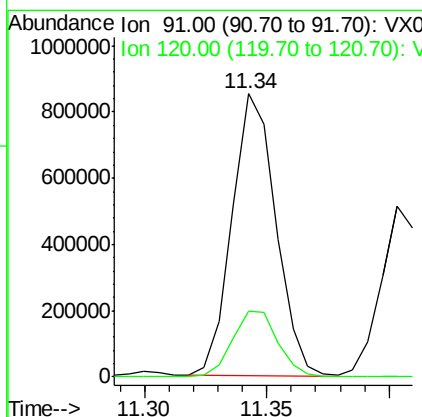
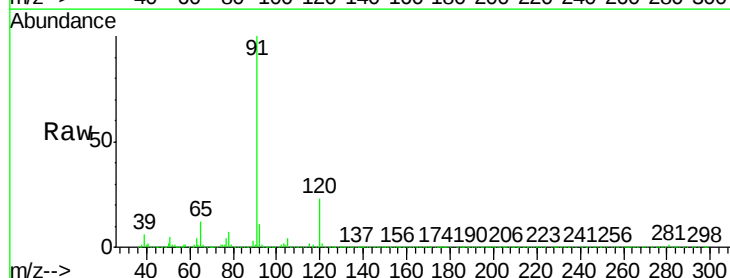
RT: 11.34 min Scan# 1715

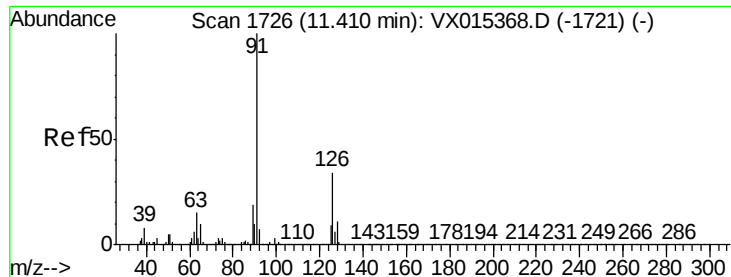
Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	91	Resp:	1066427
Ion Ratio	Lower	Upper	
91	100		
120	24.1	11.7	35.0





#79

2-Chlorotoluene

Concen: 18.435 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion: 91 Resp: 640201

Ion Ratio Lower Upper

91 100

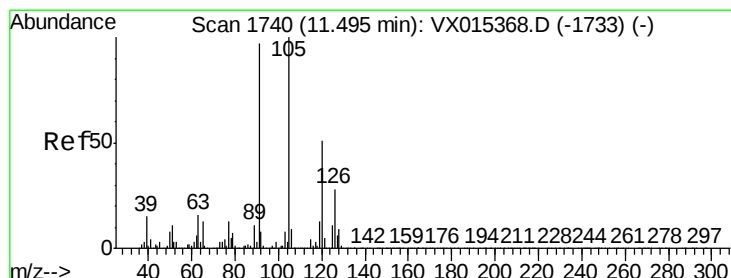
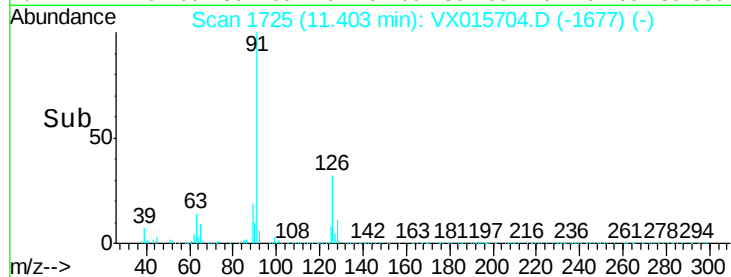
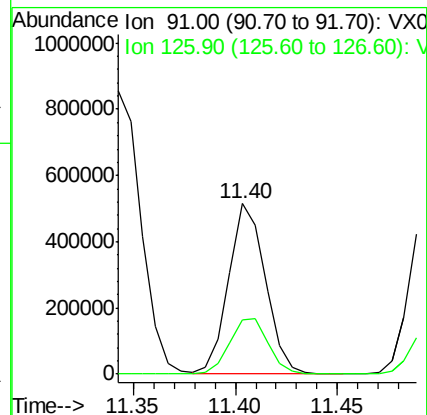
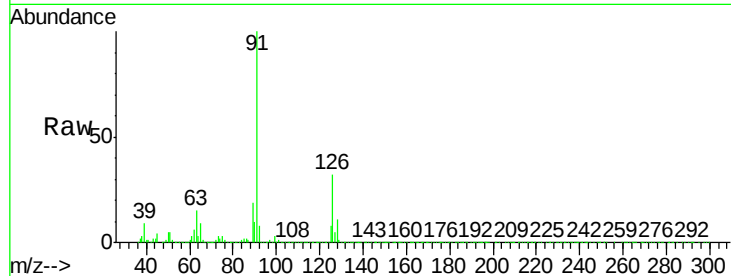
126 34.5 16.5 49.5

Manual Integrations

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4/17/2020 11:55:33 AM



#80

1,3,5-Trimethylbenzene

Concen: 19.161 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VX015704.D

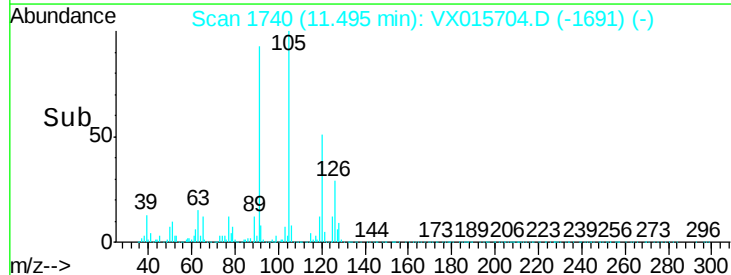
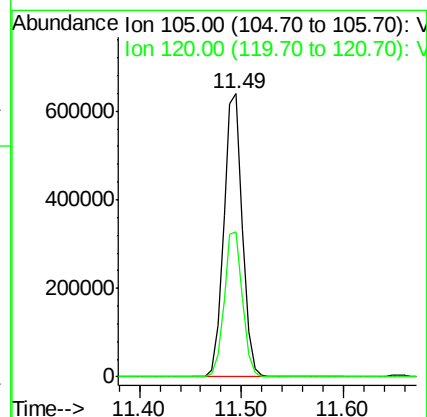
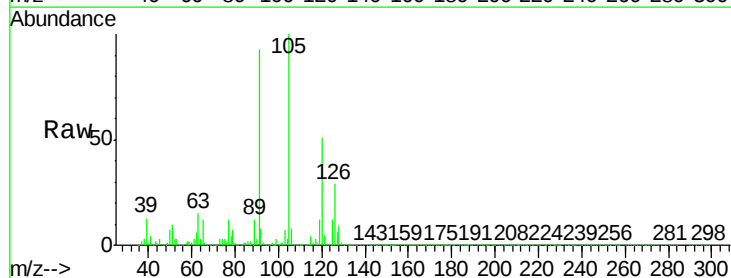
Acq: 16 Apr 2020 12:14

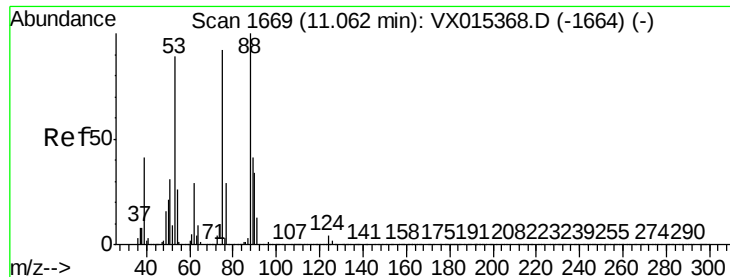
Tgt Ion: 105 Resp: 810820

Ion Ratio Lower Upper

105 100

120 50.8 24.8 74.4





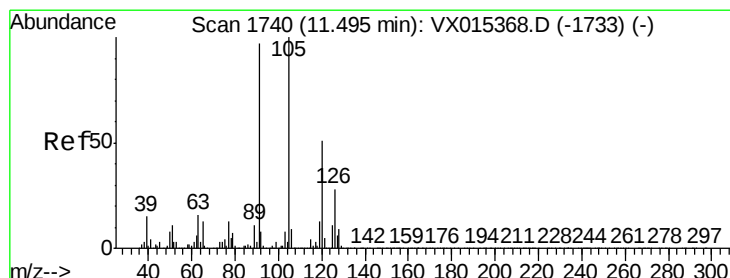
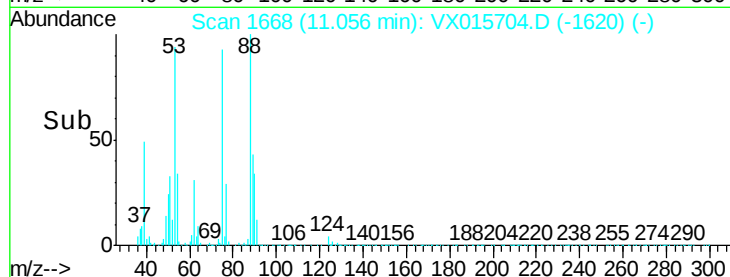
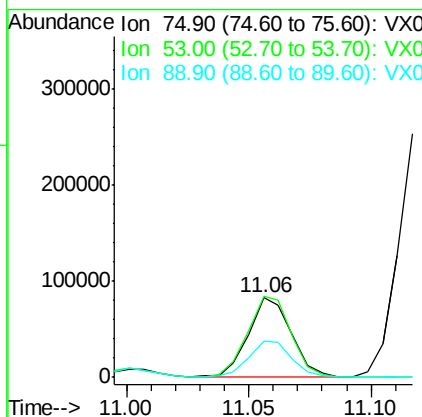
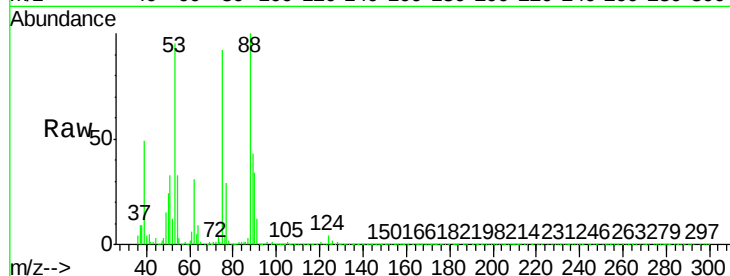
#81
trans-1,4-Dichloro-2-butene
Concen: 15.454 ug/l
RT: 11.06 min Scan# 1668
Delta R.T. -0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	103.4	80.1	120.1
89	48.1	36.1	54.1

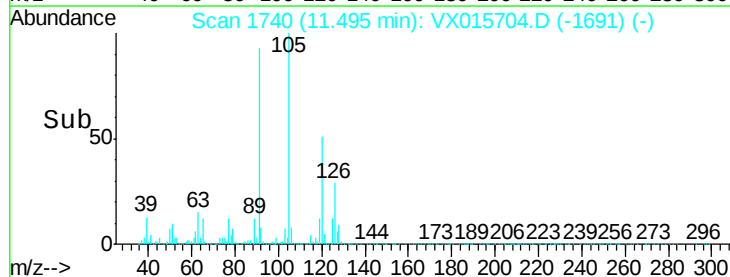
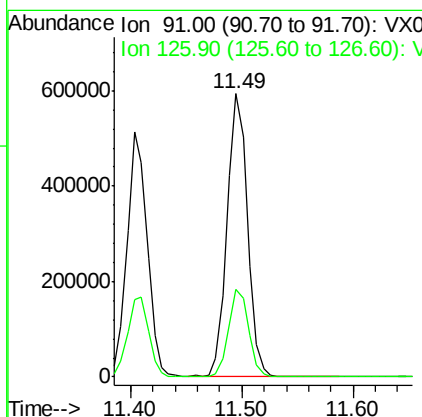
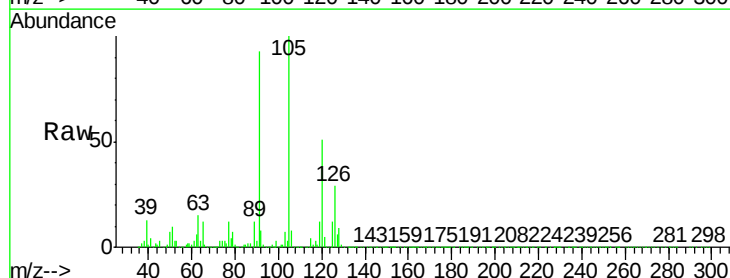
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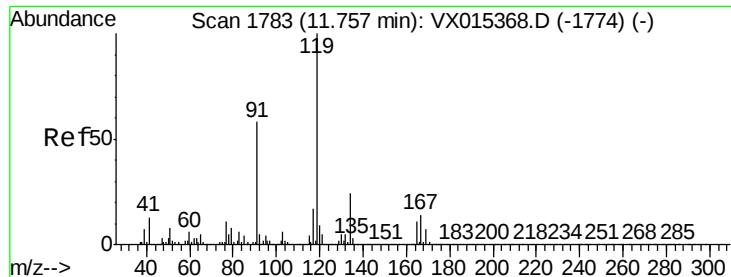
MMDadoda
4/17/2020 11:55:33 AM



#82
4-Chlorotoluene
Concen: 18.496 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.5	14.7	44.1





#83

tert-Butylbenzene

Concen: 19.620 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

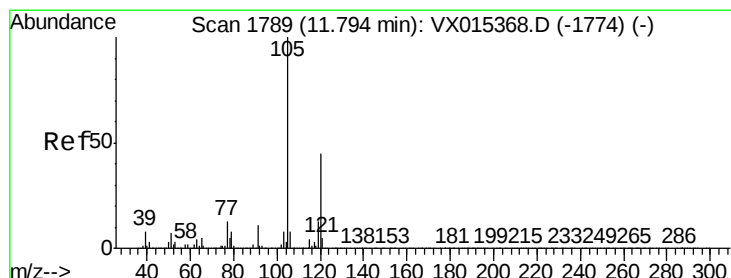
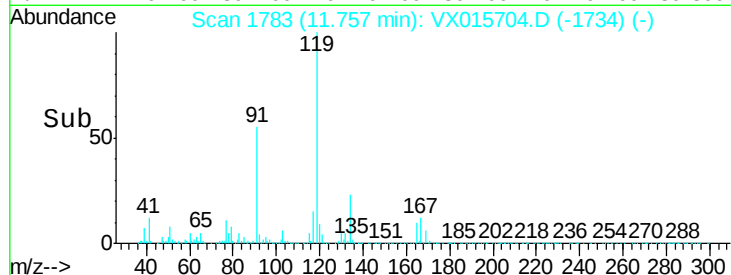
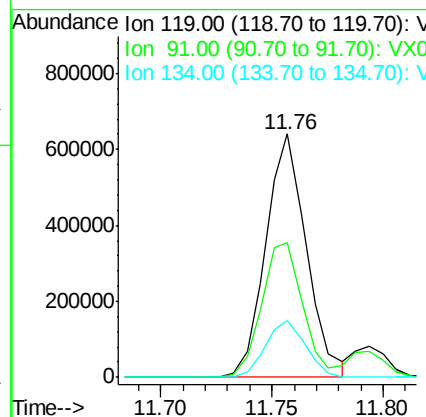
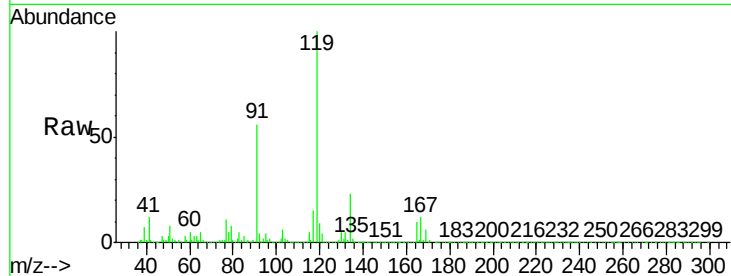
ClientSampleId :

VX0416WBSD01

Tot Ion:	119	Resp:	810971
Ion Ratio	Lower	Upper	
119	100		
91	55.5	28.6	85.8
134	23.0	11.8	35.3

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#84

1,2,4-Trimethylbenzene

Concen: 18.948 ug/l

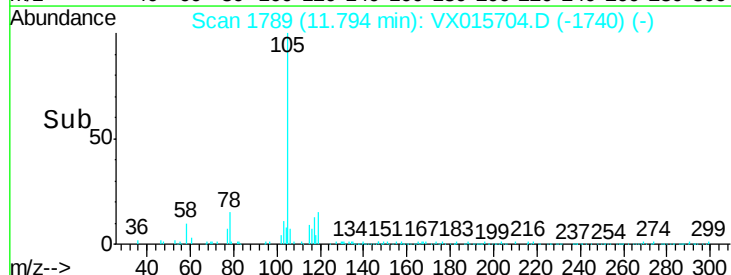
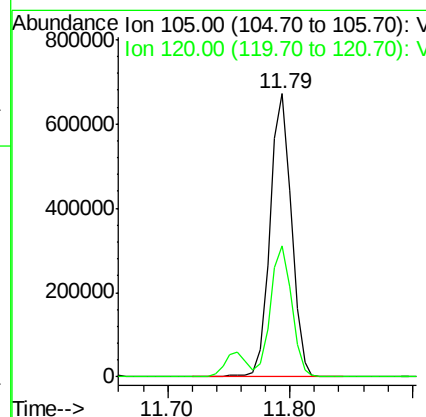
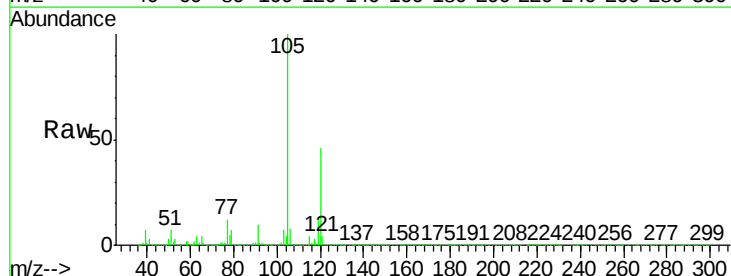
RT: 11.79 min Scan# 1789

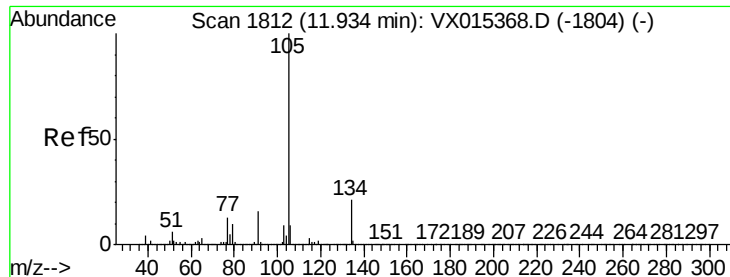
Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion:	105	Resp:	817100
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 19.512 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Instrument :

MSVOA_X

ClientSampleId :

VX0416WBSD01

Tot Ion:105 Resp: 932779

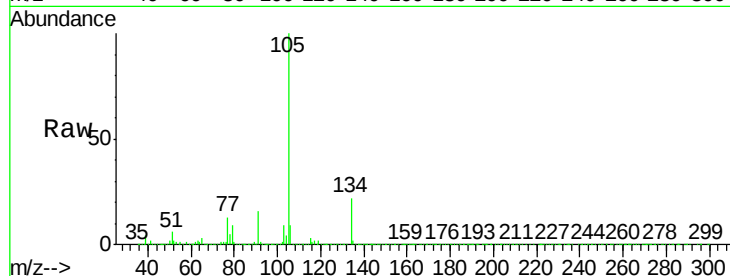
Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.1

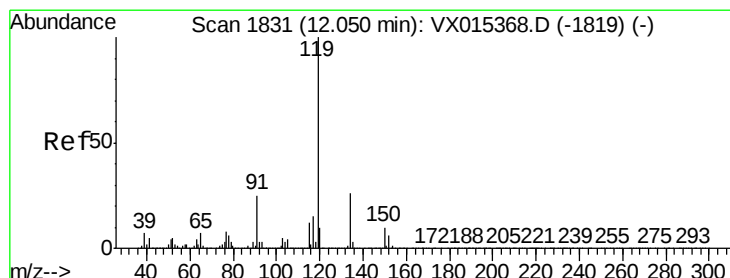
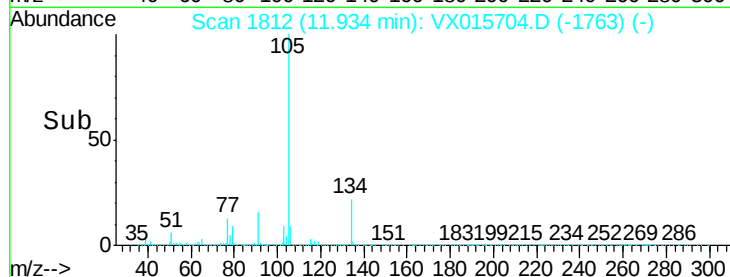
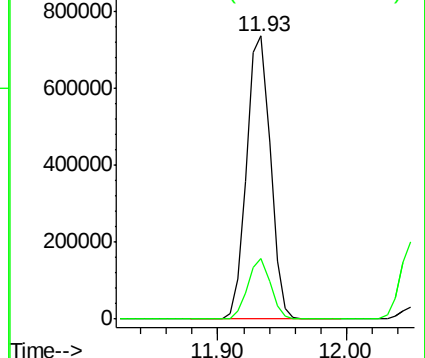
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.089 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

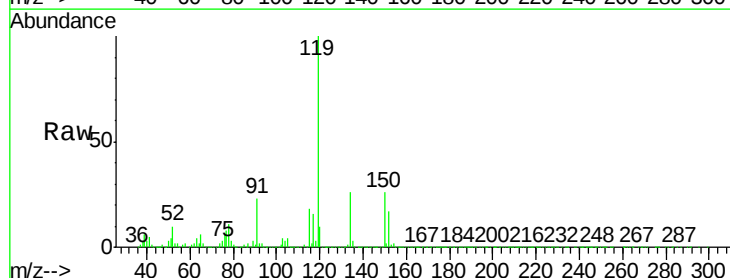
Tgt Ion:119 Resp: 891514

Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

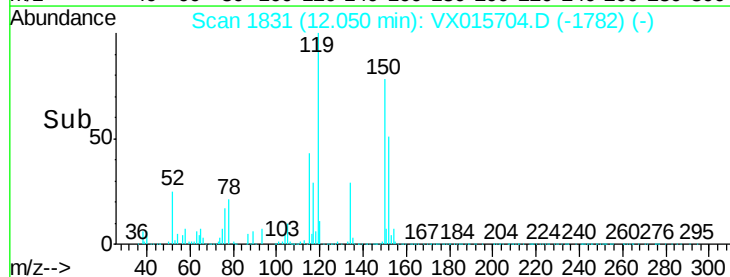
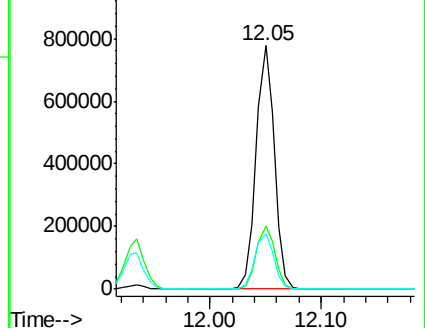
91 23.7 12.4 37.4

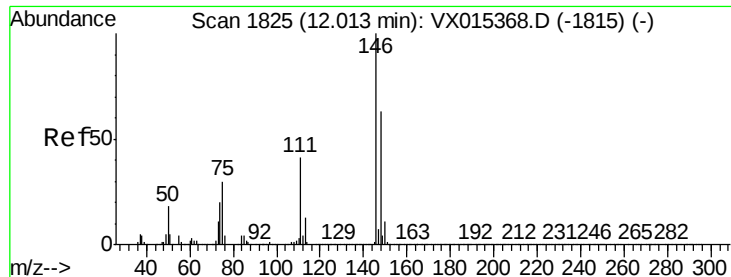


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.572 ug/l

RT: 12.01 min Scan# 1824

Delta R.T. -0.01 min

Lab File: VX015704.D

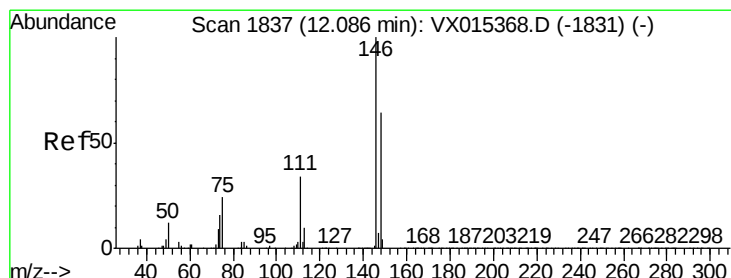
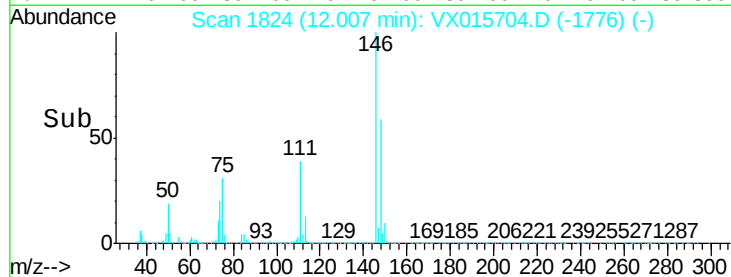
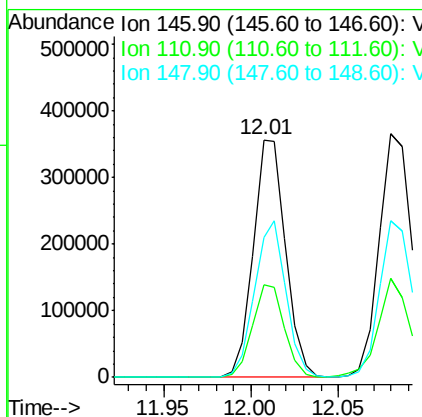
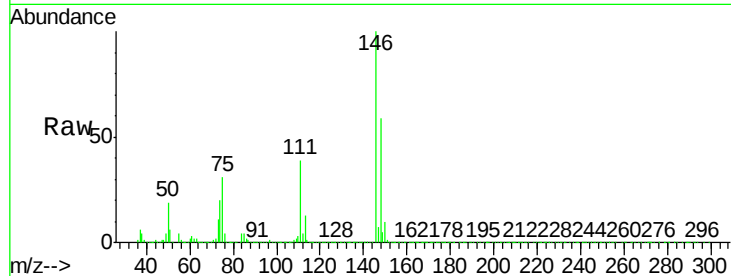
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	20.3	60.9
148	63.8	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 19.466 ug/l

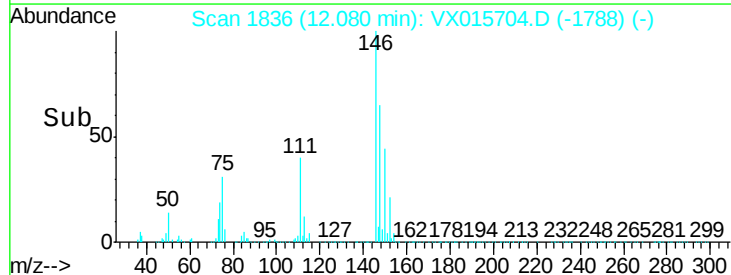
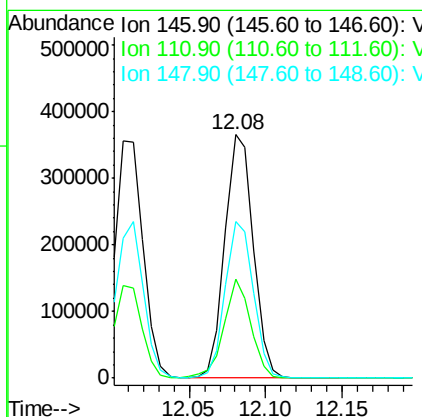
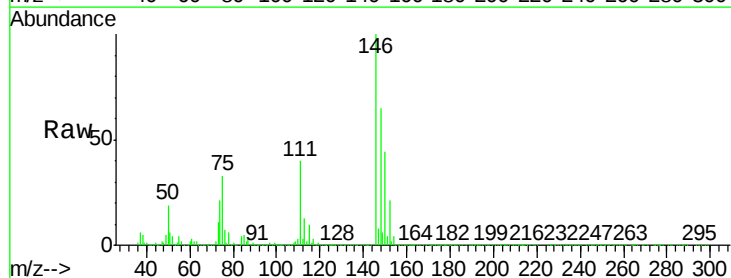
RT: 12.08 min Scan# 1836

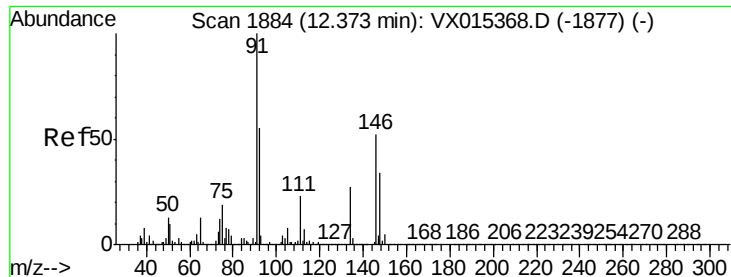
Delta R.T. -0.01 min

Lab File: VX015704.D

Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.5
148	64.0	32.4	97.2





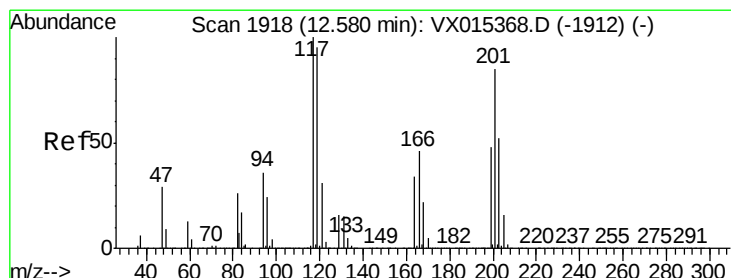
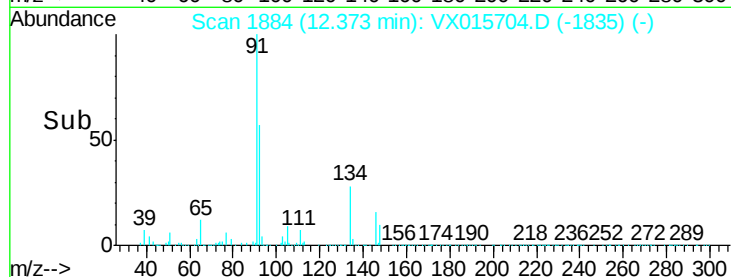
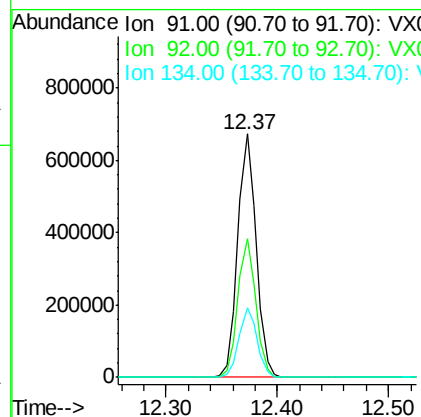
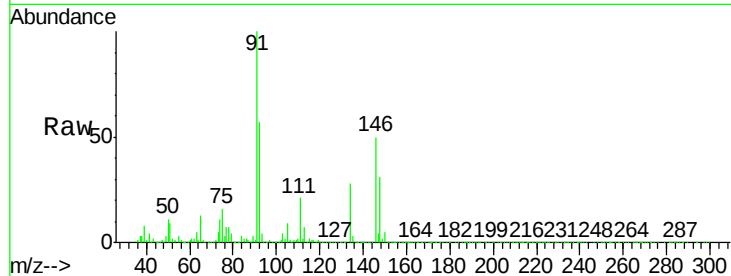
#89
n-Butylbenzene
Concen: 19.219 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.5	27.2	81.5
134	28.0	13.4	40.2

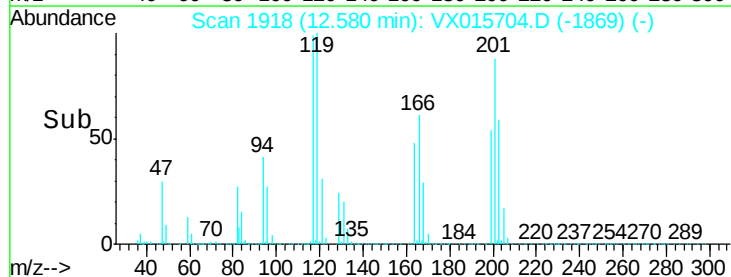
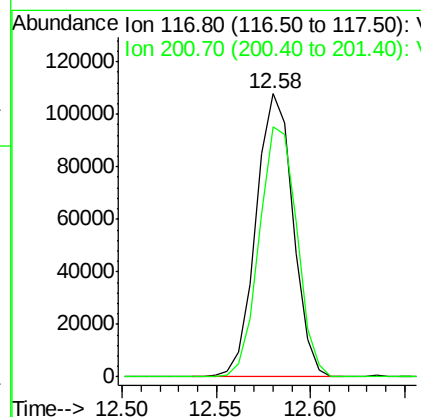
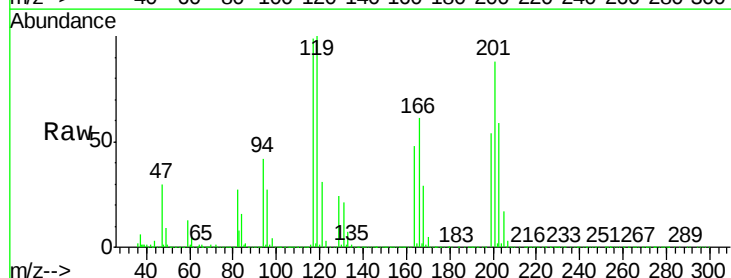
Manual Integrations
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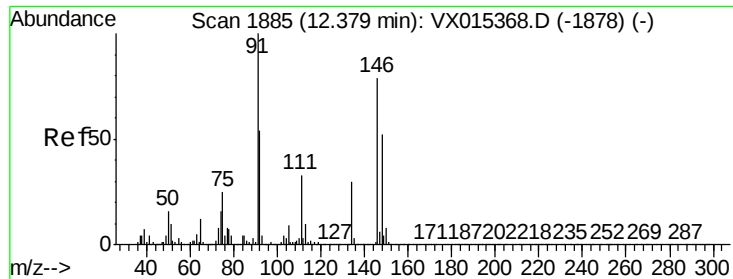
MMDadoda
4/17/2020 11:55:33 AM



#90
Hexachloroethane
Concen: 16.931 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.9	42.6	128.0





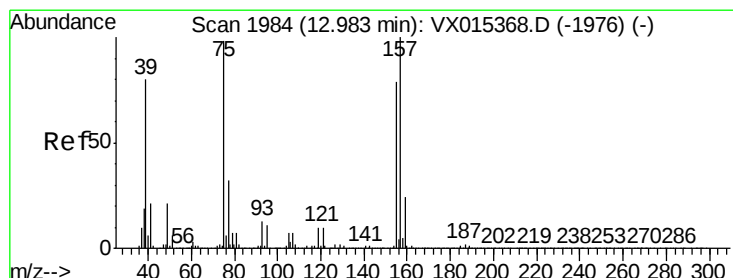
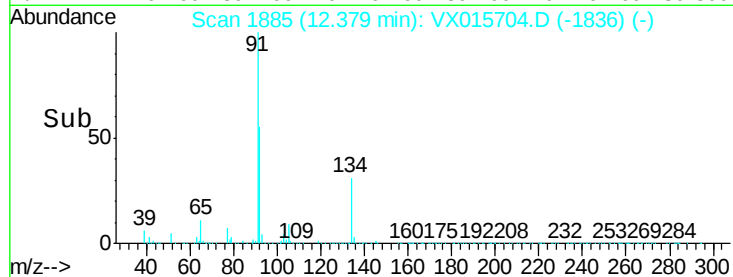
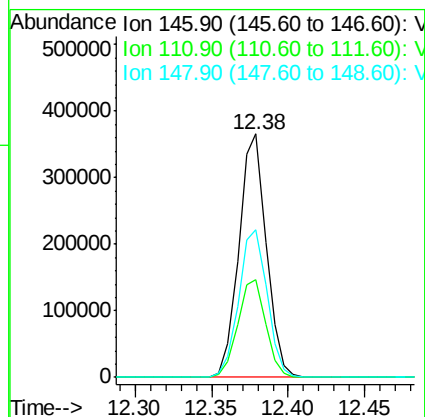
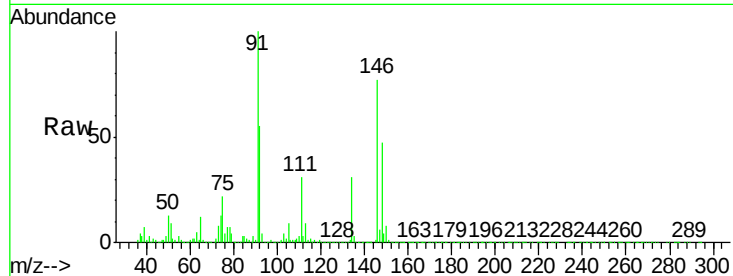
#91
 1,2-Dichlorobenzene
 Concen: 19.533 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	21.0	63.0
148	63.0	32.4	97.0

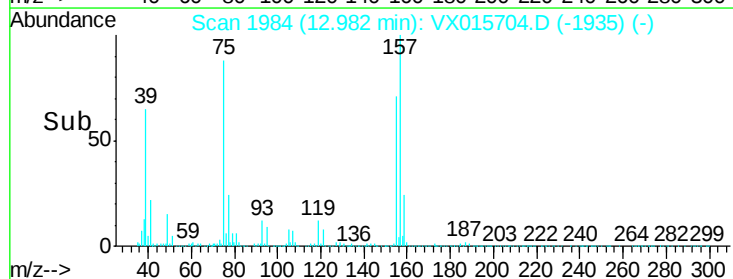
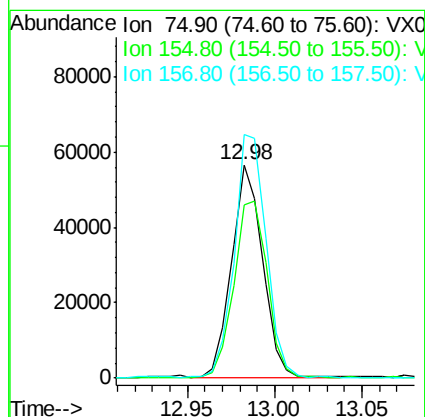
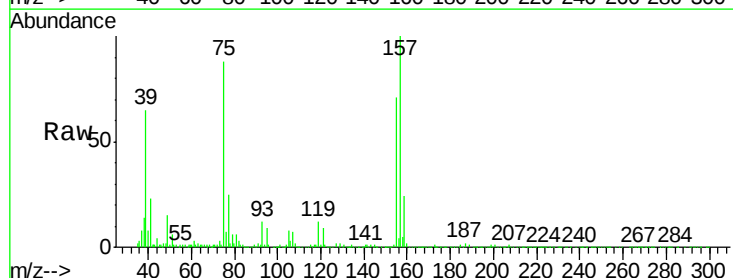
Manual Integrations
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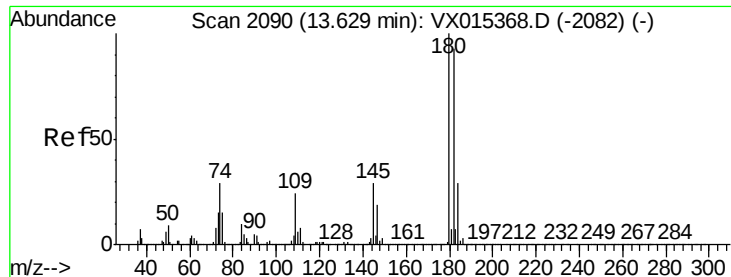
MMDadoda
 4/17/2020 11:55:33 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 14.436 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	42.8	128.4
157	117.8	53.4	160.3





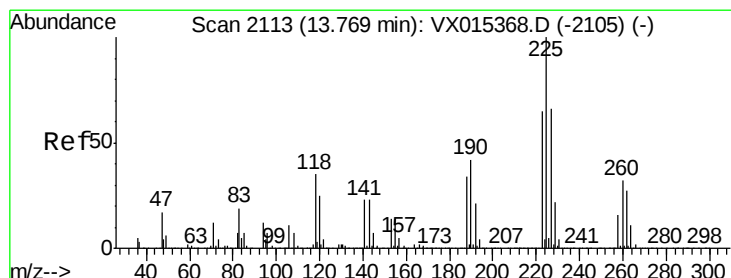
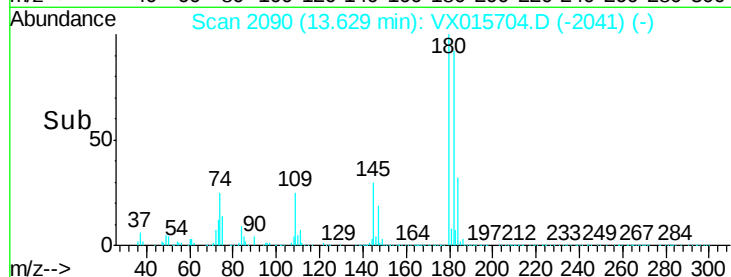
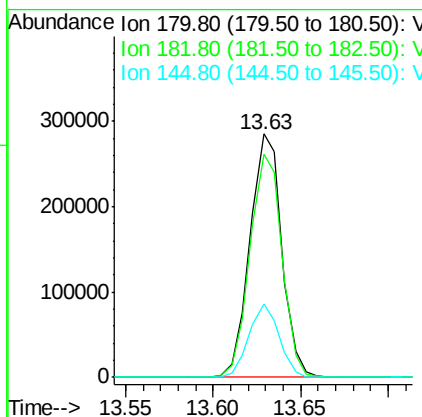
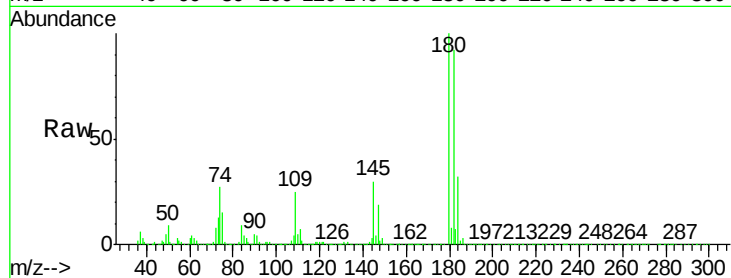
#93
 1,2,4-Trichlorobenzene
 Concen: 19.627 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0416WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	359474		
182	92.9	46.9	140.7	
145	29.0	14.9	44.5	

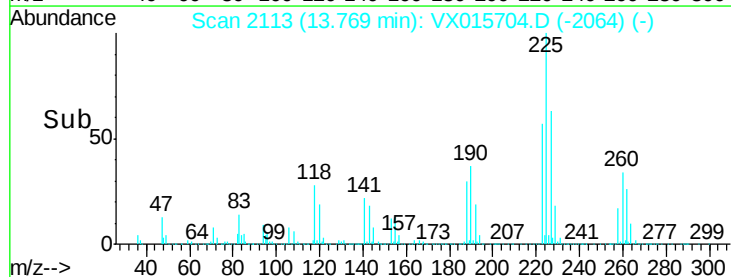
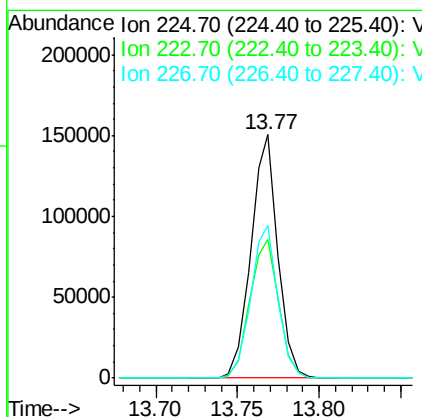
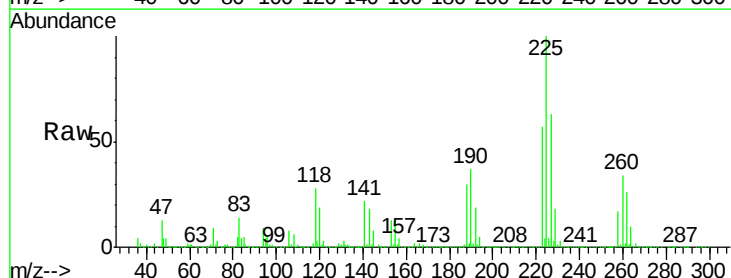
Manual Integrations
 APPROVED

MMDadoda
 4/17/2020 11:55:33 AM



#94
 Hexachlorobutadiene
 Concen: 19.688 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015704.D
 Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	171681		
223	60.9	31.9	95.7	
227	64.2	30.4	91.3	





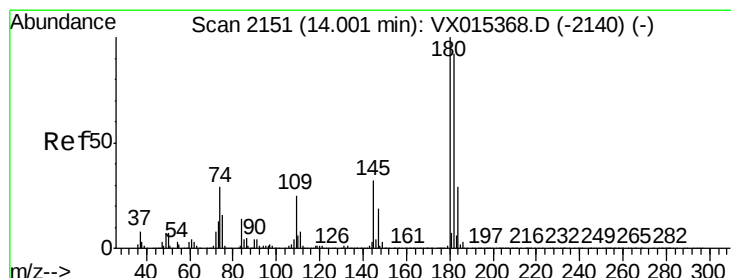
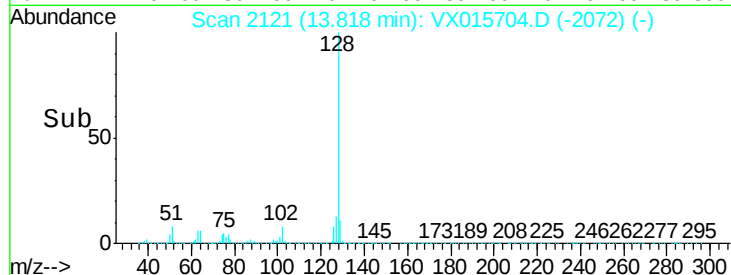
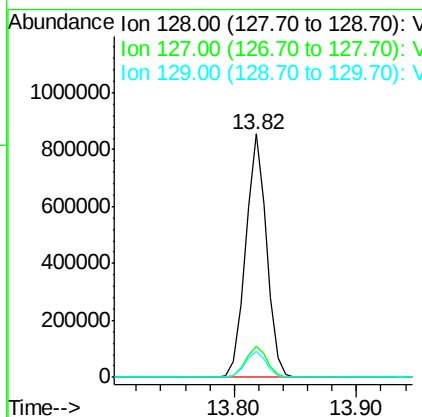
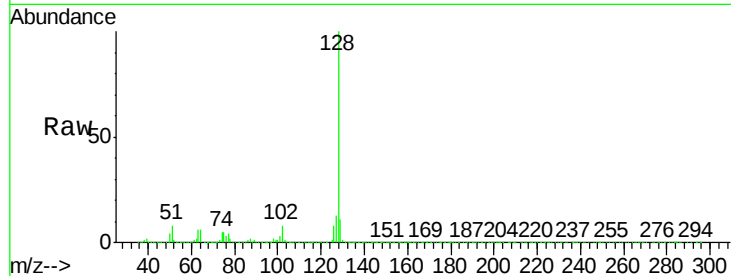
#95
Naphthalene
Concen: 18.046 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Instrument :
MSVOA_X
ClientSampleId :
VX0416WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.6	15.8
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/17/2020 11:55:33 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.074 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015704.D
Acq: 16 Apr 2020 12:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	46.7	140.0
145	31.0	15.8	47.3

