

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042020\
 Data File : VX015769.D
 Acq On : 20 Apr 2020 16:35
 Operator : JC/SP
 Sample : VX0420WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:16:15 PM

Quant Time: Apr 21 08:22:21 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	5.63	168	988932	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1524977	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1433956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	758670	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	643407	46.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.26%	
35) Dibromofluoromethane	5.47	113	505328	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
50) Toluene-d8	8.70	98	1859884	51.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.64%	
62) 4-Bromofluorobenzene	11.12	95	742929	50.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.88%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	127029	14.580	ug/l	99
3) Chloromethane	1.31	50	116413	10.492	ug/l	99
4) Vinyl Chloride	1.39	62	164103	16.107	ug/l	94
5) Bromomethane	1.63	94	41412m	0.871	ug/l	
6) Chloroethane	1.71	64	145392	23.010	ug/l	95
7) Trichlorofluoromethane	1.92	101	238810	17.478	ug/l	99
8) Diethyl Ether	2.17	74	102410	17.770	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	161288	18.108	ug/l	96
10) Methyl Iodide	2.49	142	46029	3.833	ug/l	97
11) Tert butyl alcohol	3.01	59	240999	72.188	ug/l	98
12) 1,1-Dichloroethene	2.36	96	161747	17.324	ug/l	97
13) Acrolein	2.27	56	180954	95.151	ug/l	99
14) Allyl chloride	2.71	41	340156	15.592	ug/l	97
15) Acrylonitrile	3.12	53	554657	87.118	ug/l	99
16) Acetone	2.42	43	488718	81.558	ug/l	96
17) Carbon Disulfide	2.55	76	783451	27.507	ug/l	99
18) Methyl Acetate	2.75	43	274594	17.954	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	627819	17.338	ug/l	99
20) Methylene Chloride	2.84	84	188825	16.870	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	175519	16.939	ug/l	97
22) Diisopropyl ether	3.83	45	681799	17.637	ug/l	97
23) Vinyl Acetate	3.79	43	3009905	85.996	ug/l	100
24) 1,1-Dichloroethane	3.67	63	342686	16.837	ug/l	100
25) 2-Butanone	4.64	43	812172	84.278	ug/l	99
26) 2,2-Dichloropropane	4.56	77	278580	16.675	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	212950	17.764	ug/l	97
28) Bromochloromethane	4.99	49	172162	17.716	ug/l	92
29) Tetrahydrofuran	5.09	42	518889	83.755	ug/l	98
30) Chloroform	5.18	83	340993	17.414	ug/l	96
31) Cyclohexane	5.55	56	293107	16.600	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	298617	16.850	ug/l	98
36) 1,1-Dichloropropene	5.77	75	249147	17.732	ug/l	98
37) Ethyl Acetate	4.80	43	315545	17.247	ug/l	100
38) Carbon Tetrachloride	5.76	117	258746	17.002	ug/l	97

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Manual Integrations
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Quant Time: Apr 21 08:22:21 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	7.45	83	286019	17.655	ug/l	97
40) Benzene	6.12	78	746365	18.134	ug/l	98
41) Methacrylonitrile	5.01	41	183391	18.057	ug/l	99
42) 1,2-Dichloroethane	6.17	62	285086	17.244	ug/l	97
43) Isopropyl Acetate	6.42	43	535379	17.335	ug/l	100
44) Trichloroethene	7.19	130	206524	18.398	ug/l	98
45) 1,2-Dichloropropane	7.50	63	205252	18.229	ug/l	98
46) Dibromomethane	7.64	93	135284	18.316	ug/l	96
47) Bromodichloromethane	7.88	83	270931	17.215	ug/l	98
48) Methyl methacrylate	7.75	41	263104	17.055	ug/l	95
49) 1,4-Dioxane	7.72	88	87792	305.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1596549	91.216	ug/l	99
52) Toluene	8.77	92	477126	18.803	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	299468	16.224	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	333039	17.713	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	198341	19.078	ug/l	97
56) Ethyl methacrylate	9.16	69	324226	17.695	ug/l	95
57) 1,3-Dichloropropane	9.36	76	337191	18.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	702317	78.804	ug/l	100
59) 2-Hexanone	9.47	43	1200922	90.881	ug/l	99
60) Dibromochloromethane	9.57	129	218255	17.470	ug/l	99
61) 1,2-Dibromoethane	9.65	107	208022	18.402	ug/l	99
64) Tetrachloroethene	9.32	164	190665	17.619	ug/l	98
65) Chlorobenzene	10.12	112	524386	18.337	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	203200	17.786	ug/l	100
67) Ethyl Benzene	10.24	91	918524	18.110	ug/l	100
68) m/p-Xylenes	10.34	106	694187	36.756	ug/l	99
69) o-Xylene	10.68	106	341747	18.311	ug/l	99
70) Styrene	10.70	104	596910	18.176	ug/l	98
71) Bromoform	10.84	173	169157	16.264	ug/l #	98
73) Isopropylbenzene	11.00	105	909892	18.304	ug/l	99
74) N-amyl acetate	10.88	43	467038	16.893	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	308263	18.072	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	270485m	17.337	ug/l	
77) Bromobenzene	11.24	156	249615	18.825	ug/l	94
78) n-propylbenzene	11.34	91	1040467	18.305	ug/l	100
79) 2-Chlorotoluene	11.40	91	621913	17.851	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	785406	18.500	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	78791	12.118	ug/l	97
82) 4-Chlorotoluene	11.49	91	733400	17.957	ug/l	99
83) tert-Butylbenzene	11.76	119	774428	18.675	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	810541	18.736	ug/l	100
85) sec-Butylbenzene	11.93	105	885846	18.471	ug/l	100
86) p-Isopropyltoluene	12.05	119	862421	19.370	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	445239	18.757	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	454059	18.780	ug/l	100
89) n-Butylbenzene	12.37	91	747949	18.590	ug/l	99
90) Hexachloroethane	12.58	117	129977	14.999	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	434274	18.695	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	73802	15.330	ug/l	96

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ClientSampleId :
VX0420WBSD01

Manual Integrations
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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	347837	18.930	ug/l	97
94) Hexachlorobutadiene	13.77	225	150199	17.169	ug/l	95
95) Naphthalene	13.82	128	1050153	18.736	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	336008	18.993	ug/l	97

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

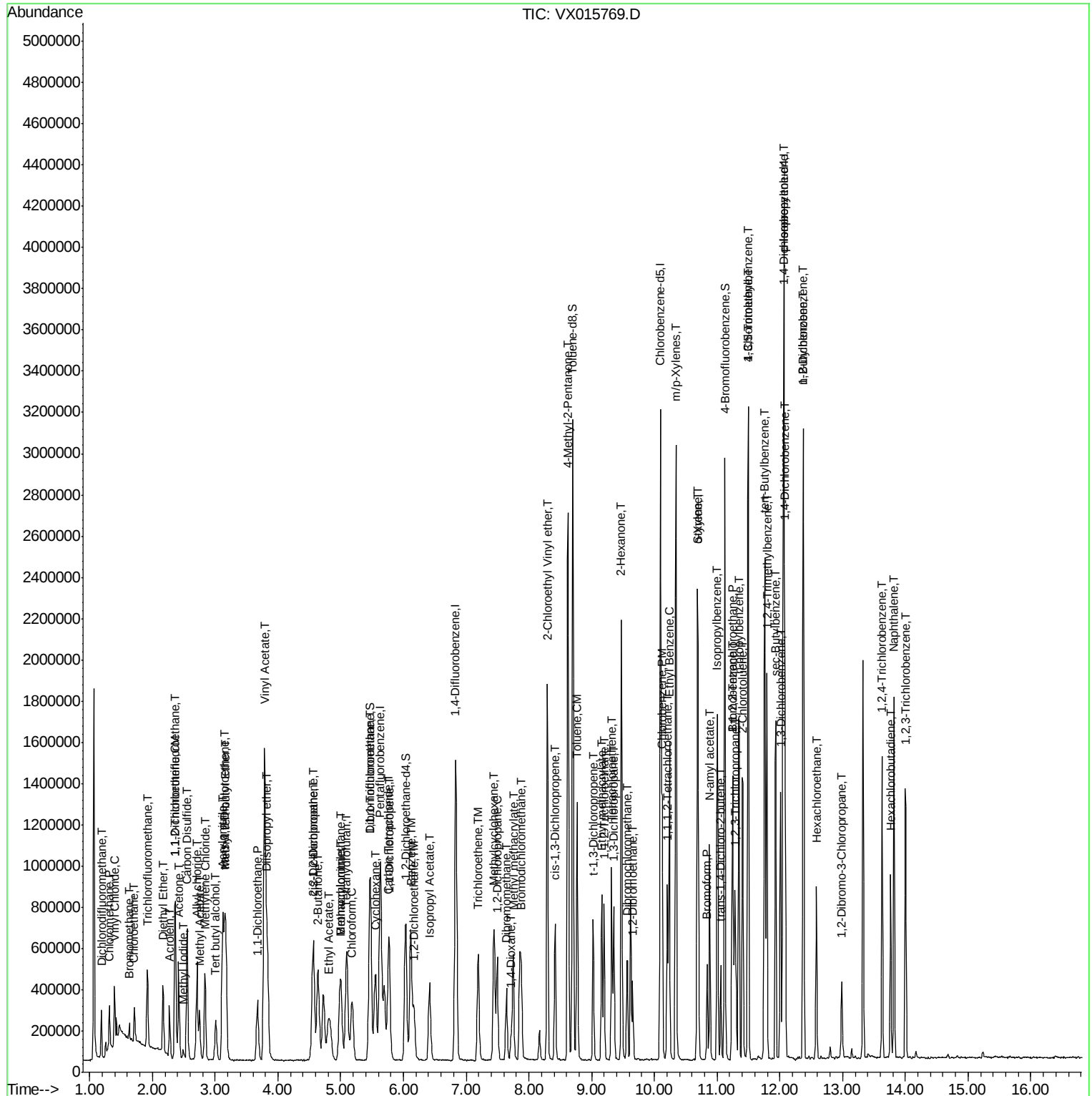
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Data File : VX015769.D
Acq On : 20 Apr 2020 16:35
Operator : JC/SP
Sample : VX0420WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

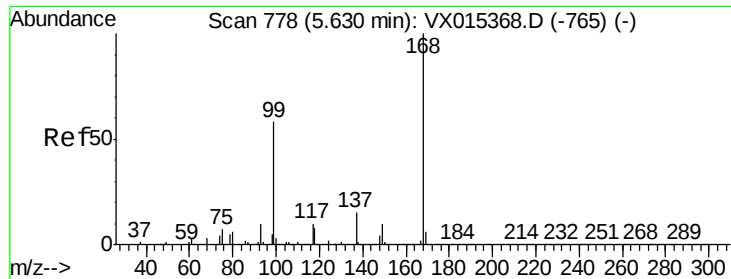
Instrument :
MSVOA_X
Client Sample ID :
VX0420WBSD01

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#1

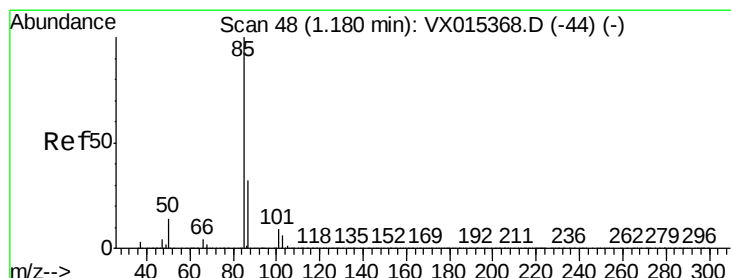
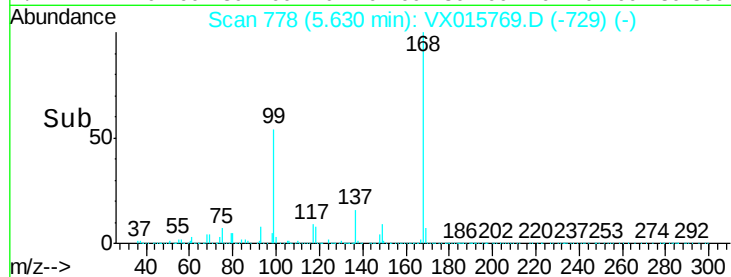
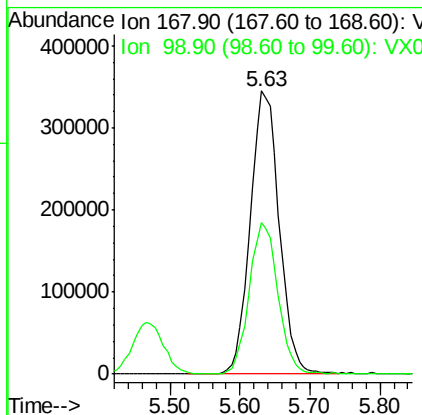
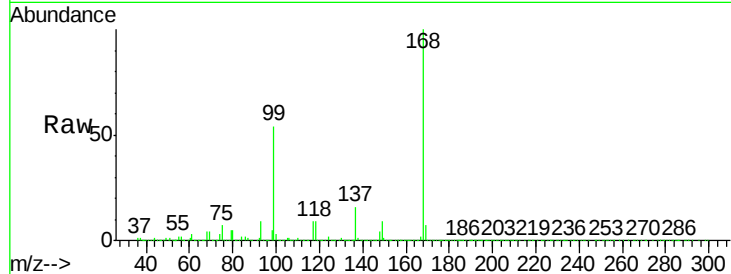
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.63 min Scan# 778
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
168	100		
99	53.3	46.4	69.6

Manual Integrations
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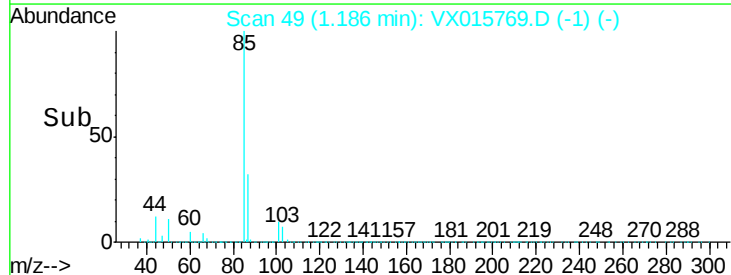
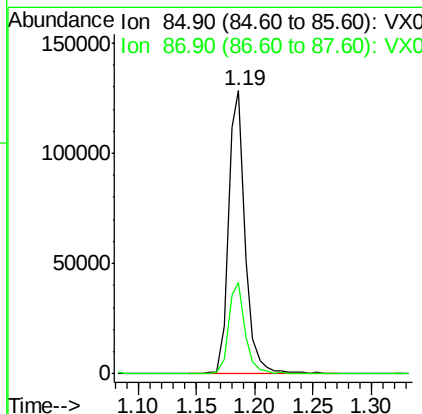
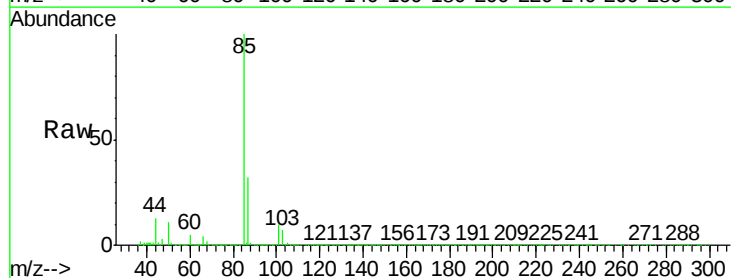
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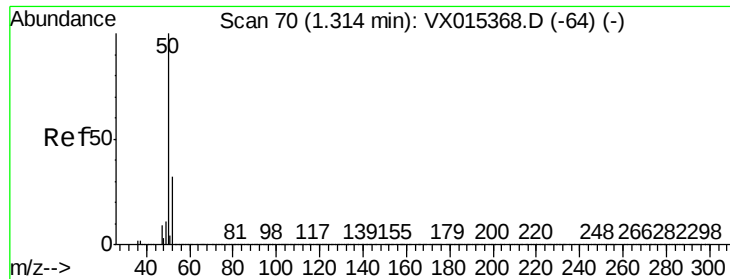


#2

Dichlorodifluoromethane
 Concen: 14.580 ug/l
 RT: 1.19 min Scan# 49
 Delta R.T. 0.01 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	16.0	47.9





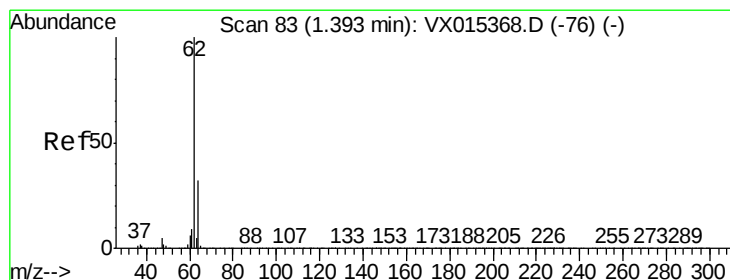
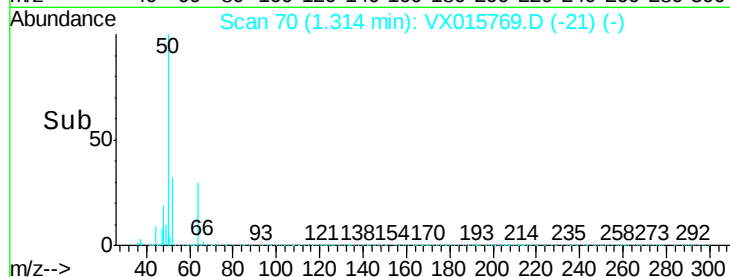
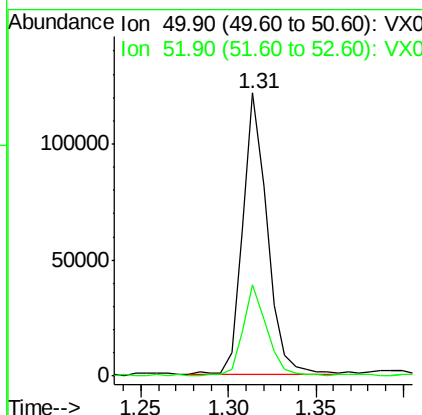
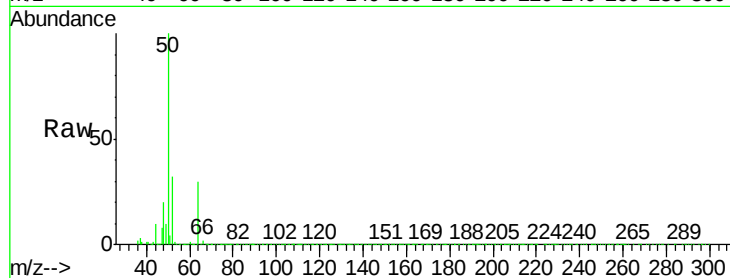
#3
Chloromethane
Concen: 10.492 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion: 50 Resp: 116413
Ion Ratio Lower Upper
50 100
52 32.3 25.3 37.9

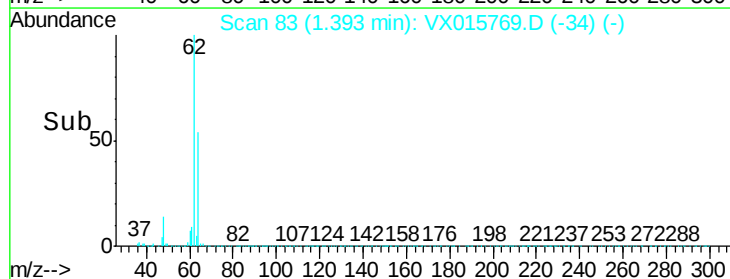
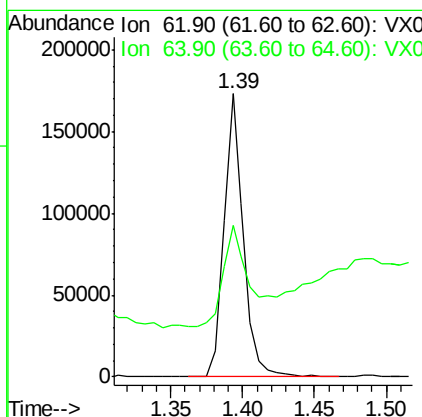
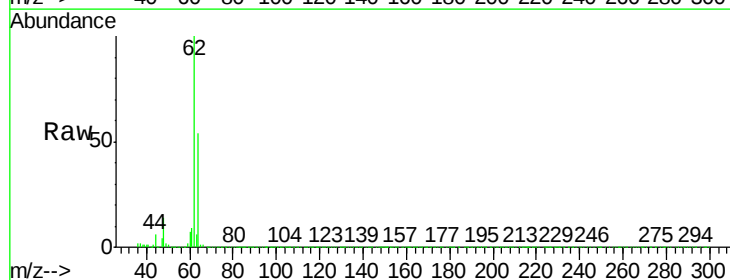
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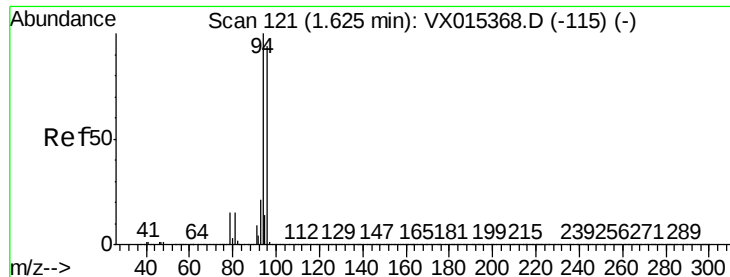
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#4
Vinyl Chloride
Concen: 16.107 ug/l
RT: 1.39 min Scan# 83
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 62 Resp: 164103
Ion Ratio Lower Upper
62 100
64 35.9 26.0 39.0





#5

Bromomethane

Concen: 0.871 ug/l m

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 94 Resp: 41412

Ion Ratio Lower Upper

94 100

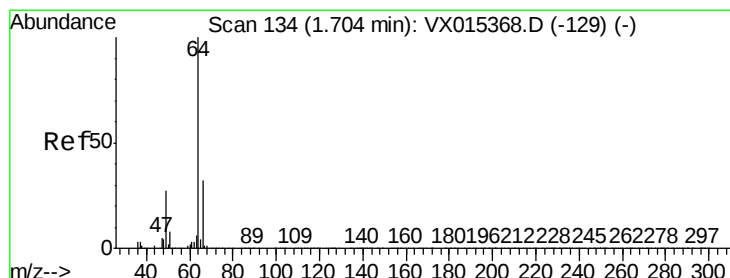
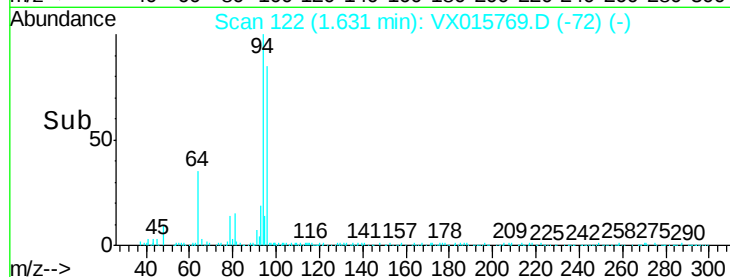
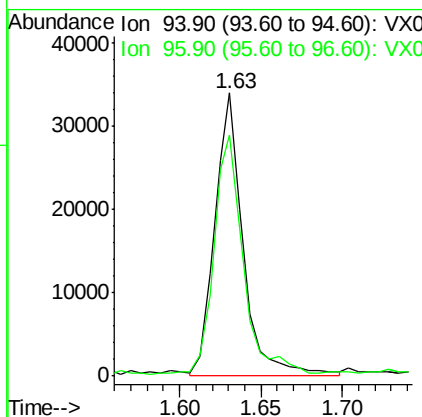
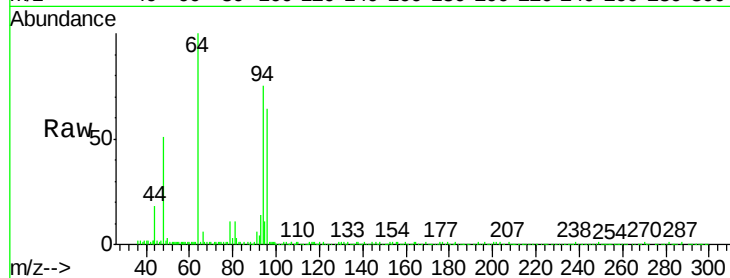
96 85.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 23.010 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015769.D

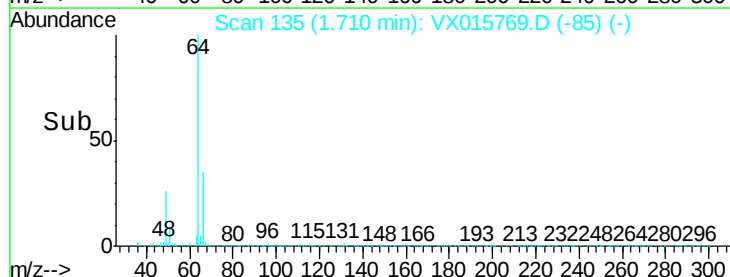
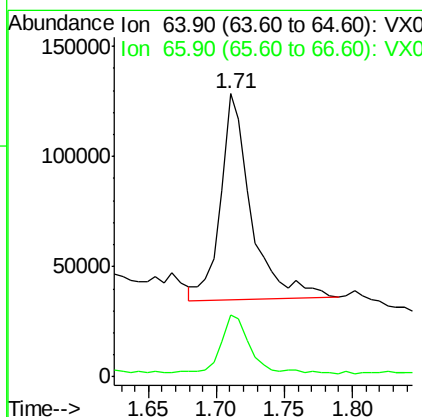
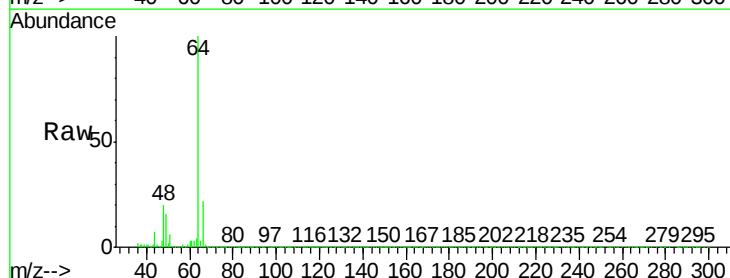
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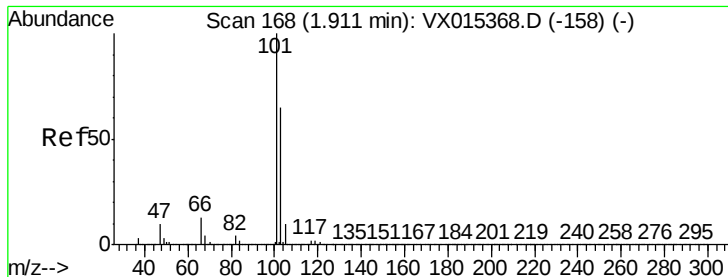
Tgt Ion: 64 Resp: 145392

Ion Ratio Lower Upper

64 100

66 28.8 25.4 38.2





#7

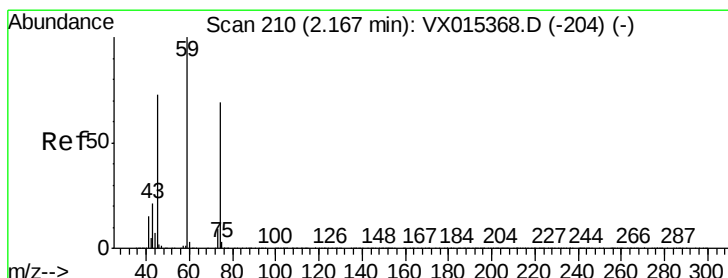
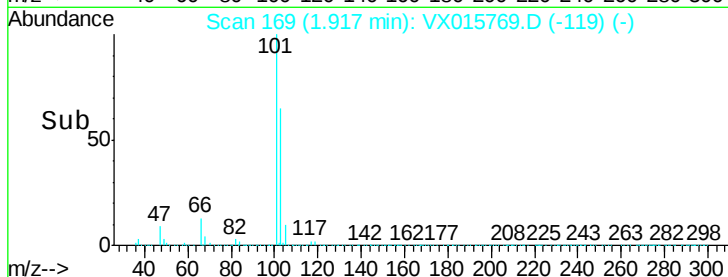
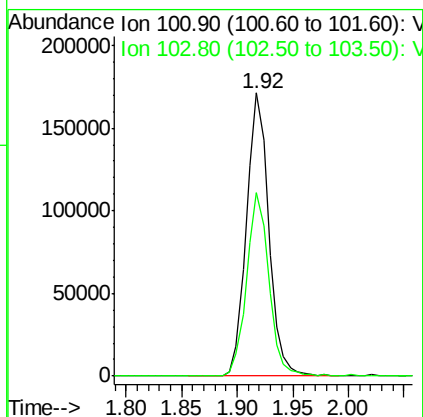
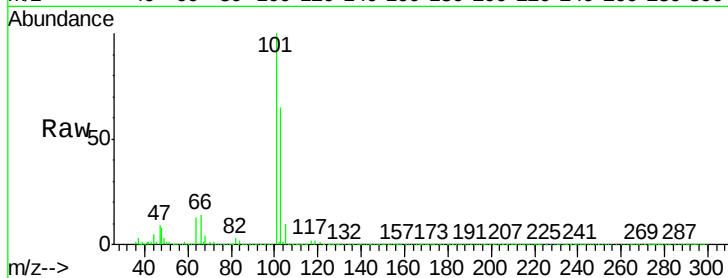
Trichlorofluoromethane
Concen: 17.478 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

Manual Integrations
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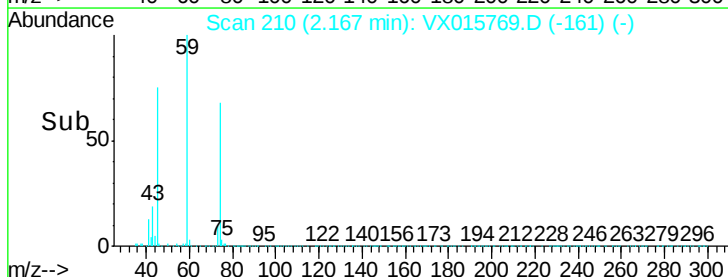
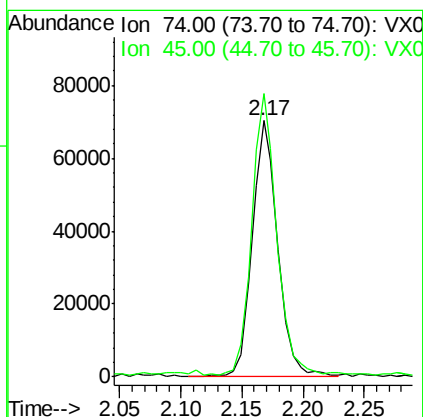
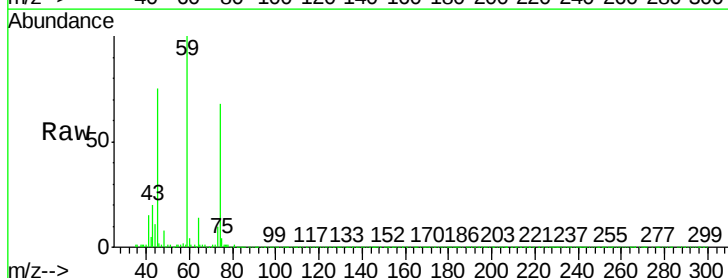
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#8

Diethyl Ether
Concen: 17.770 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.1	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.108 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015769.D

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Instrument :

MSVOA_X

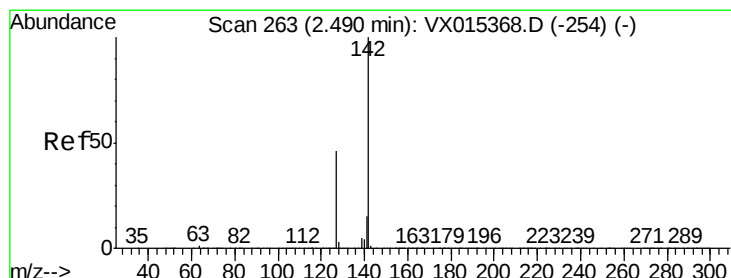
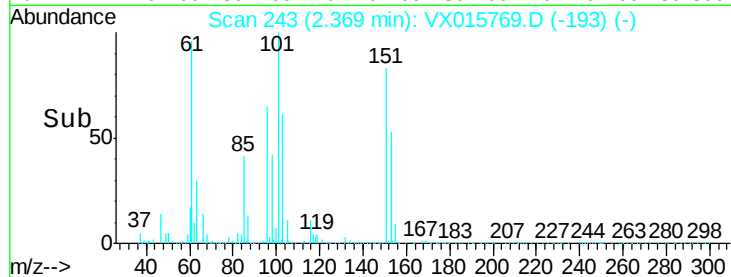
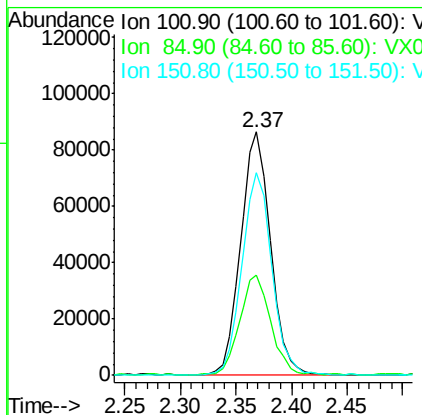
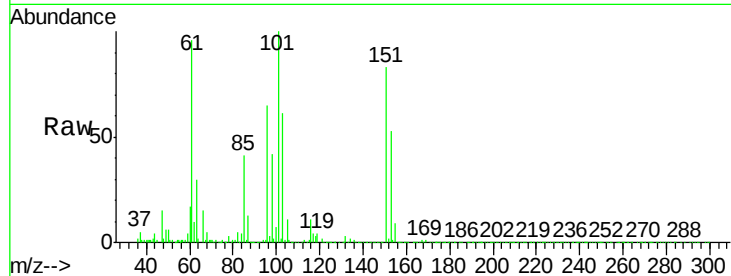
ClientSampleId :

VX0420WBSD01

Tot Ion:	101	Resp:	161288
Ion Ratio	Lower	Upper	
101	100		
85	41.9	35.0	52.4
151	83.5	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 3.833 ug/l

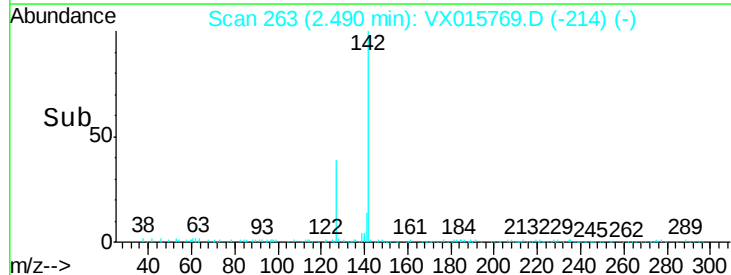
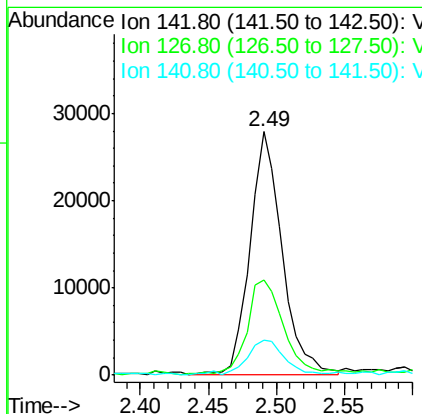
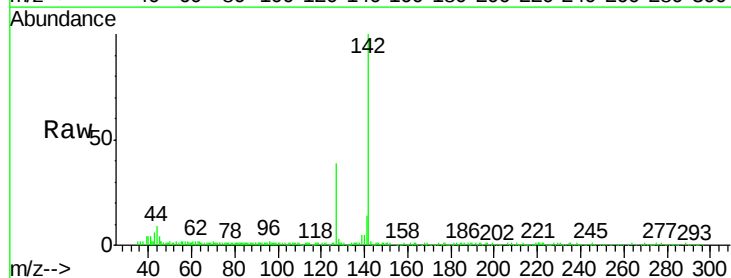
RT: 2.49 min Scan# 263

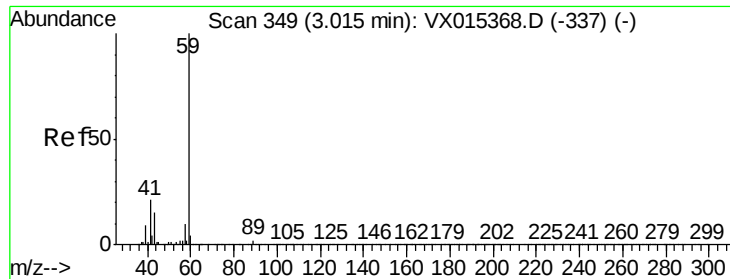
Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	142	Resp:	46029
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.9	53.9
141	17.2	11.6	17.4





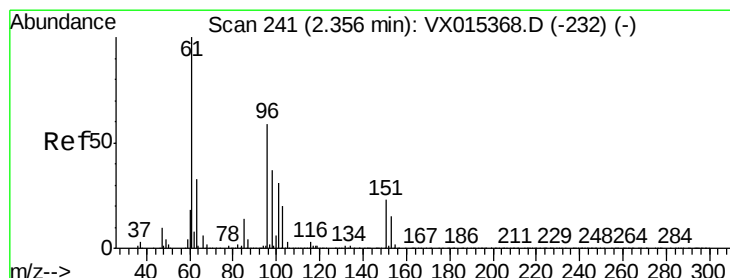
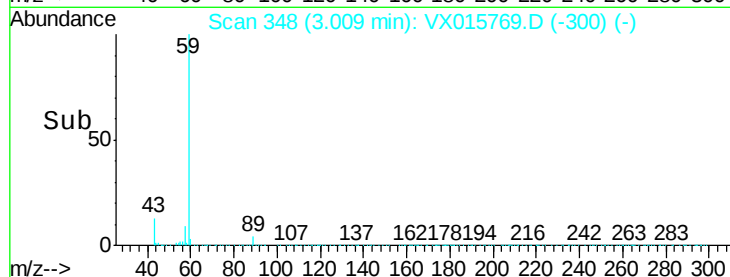
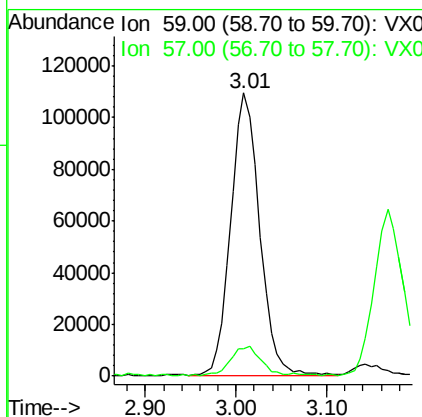
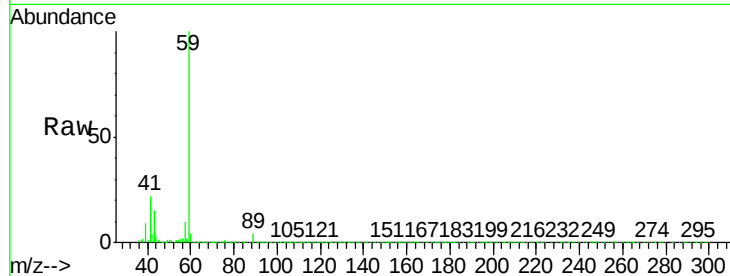
#11
Tert butyl alcohol
Concen: 72.188 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.1	12.1

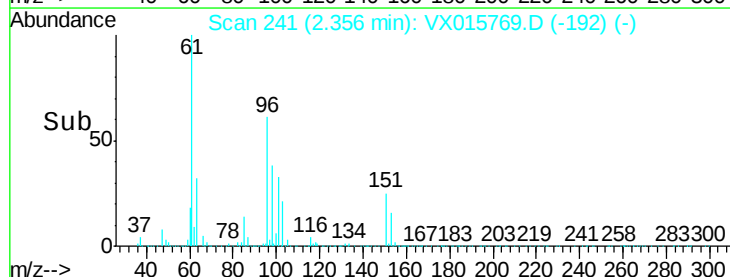
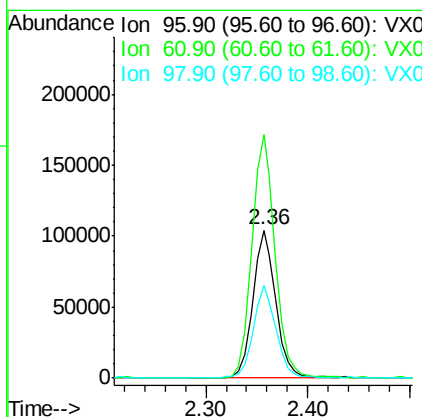
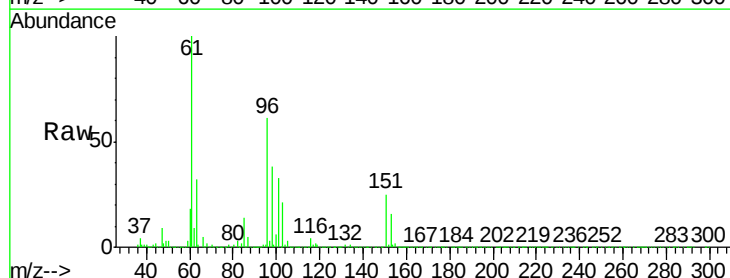
Manual Integrations
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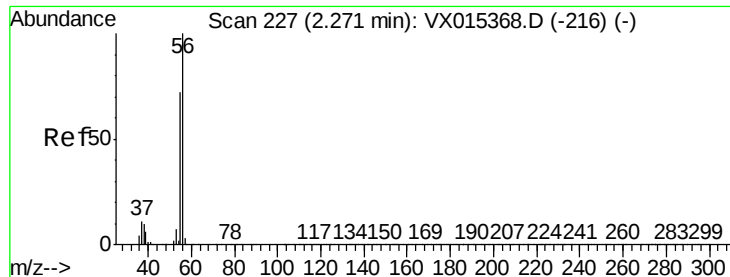
MMDadoda
4/21/2020 12:16:15 PM



#12
1,1-Dichloroethene
Concen: 17.324 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.1	135.7	203.5
98	62.4	50.6	75.8





#13

Acrolein

Concen: 95.151 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 56 Resp: 180954

Ion Ratio Lower Upper

56 100

55 70.8

57.0

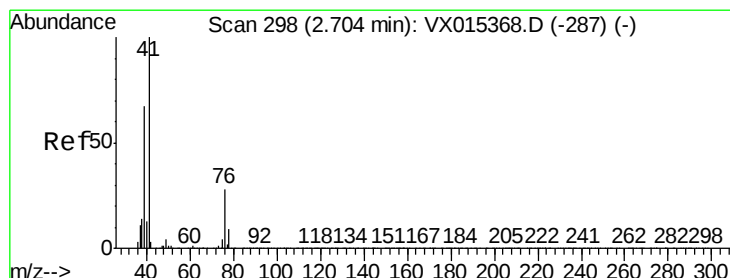
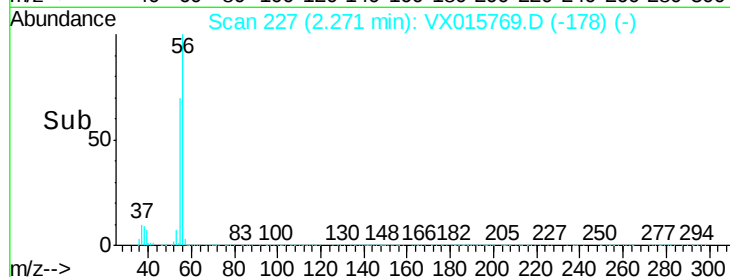
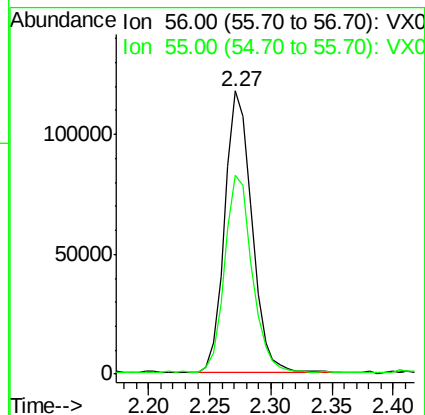
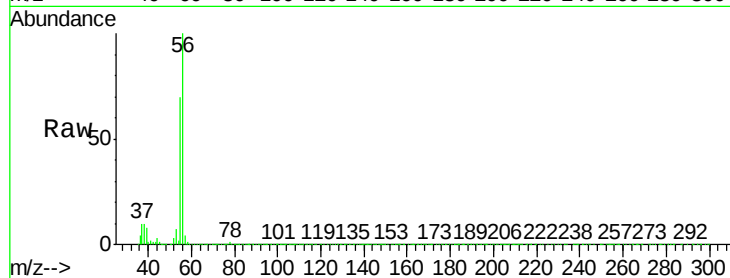
85.4

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#14

Allyl chloride

Concen: 15.592 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion: 41 Resp: 340156

Ion Ratio Lower Upper

41 100

39 66.2

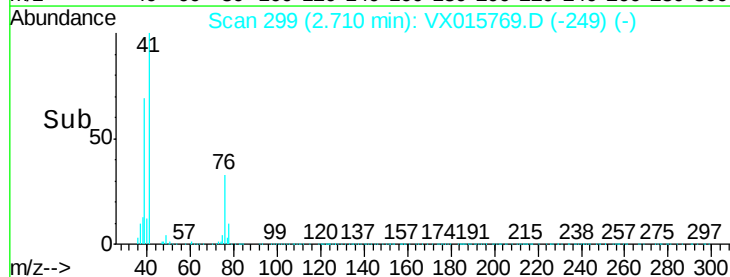
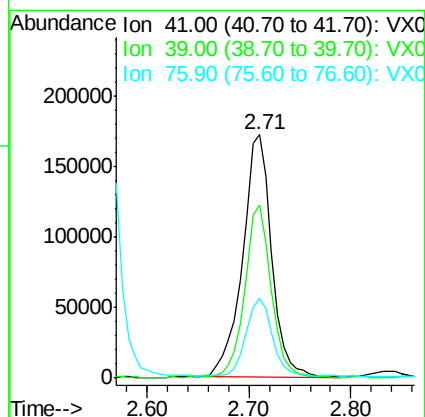
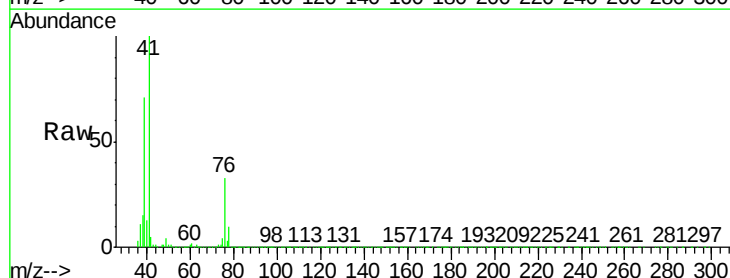
51.4

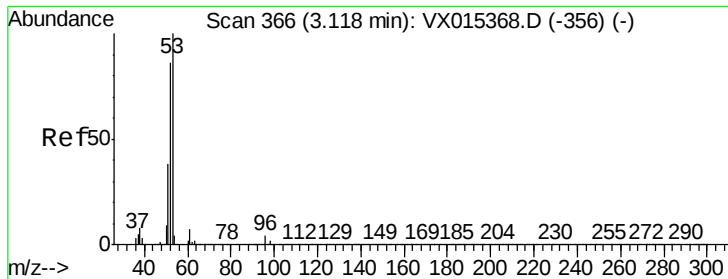
77.0

76 29.7

21.8

32.8





#15

Acrylonitrile

Concen: 87.118 ug/l

RT: 3.12 min Scan# 366

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

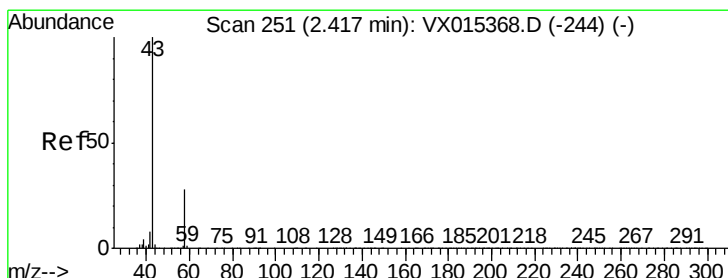
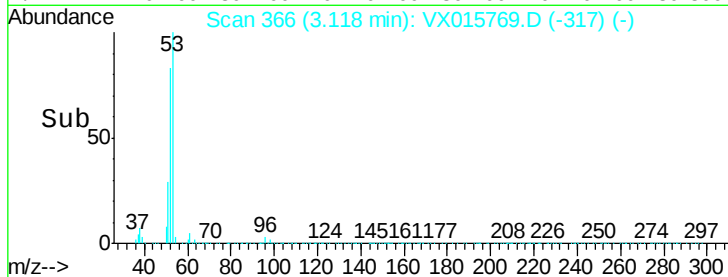
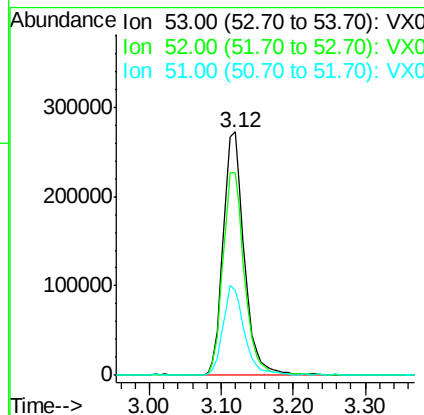
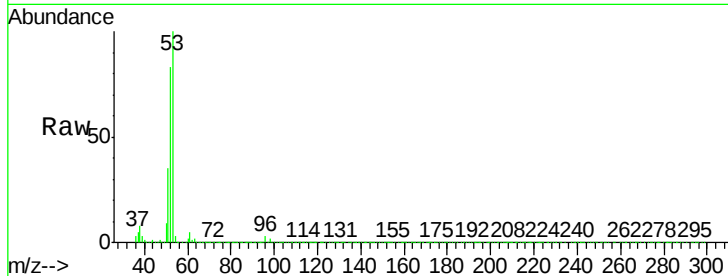
ClientSampleId :

VX0420WBSD01

Tot Ion:	53	Resp:	554657
Ion Ratio		Lower	Upper
53	100		
52	84.6	66.8	100.2
51	37.0	29.5	44.3

Manual Integrations
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#16

Acetone

Concen: 81.558 ug/l

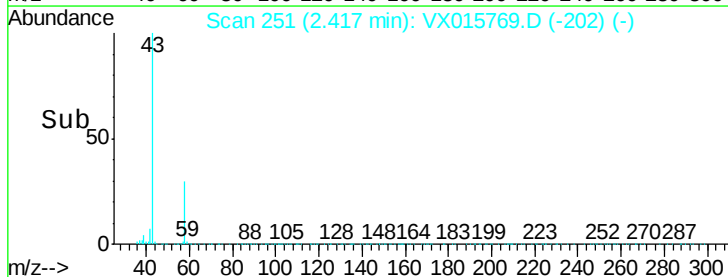
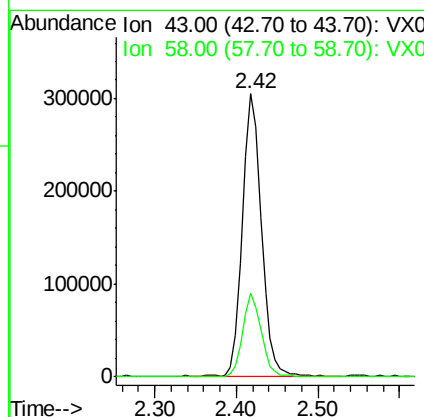
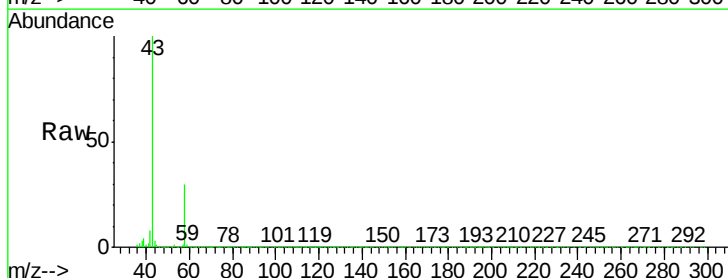
RT: 2.42 min Scan# 251

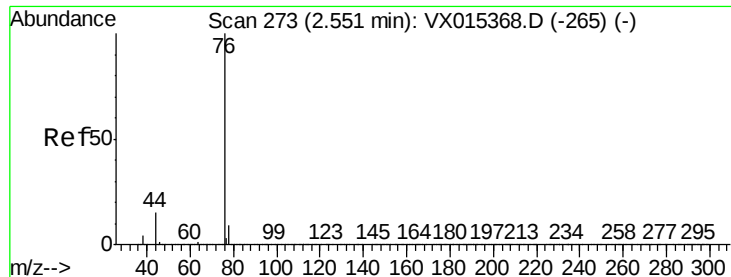
Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	43	Resp:	488718
Ion Ratio		Lower	Upper
43	100		
58	29.5	22.1	33.1





#17

Carbon Disulfide

Concen: 27.507 ug/l

RT: 2.55 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 76 Resp: 783451

Ion Ratio Lower Upper

76 100

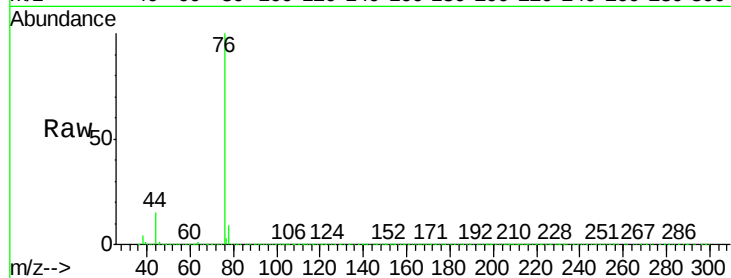
78 9.2 7.1 10.7

Manual Integrations

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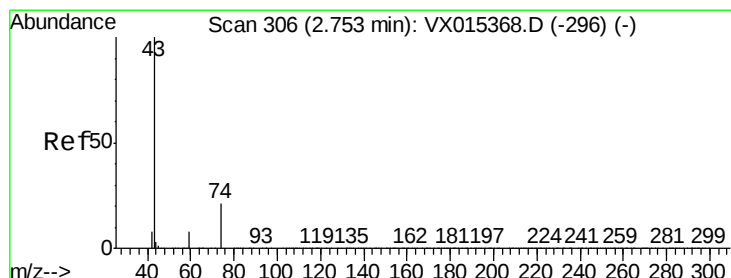
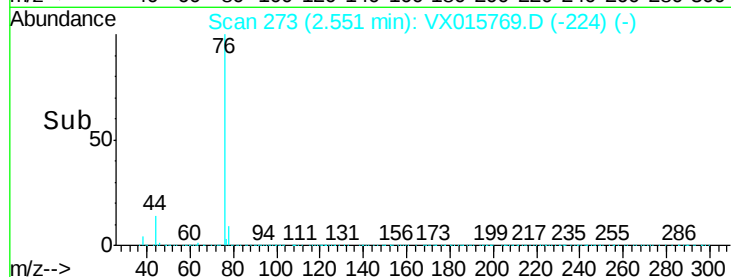
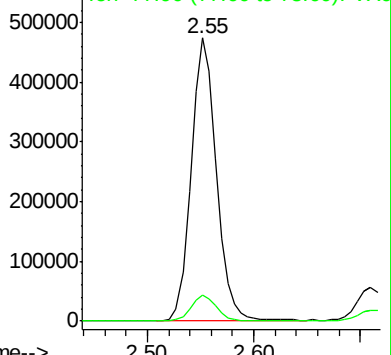
MMDadoda

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 17.954 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015769.D

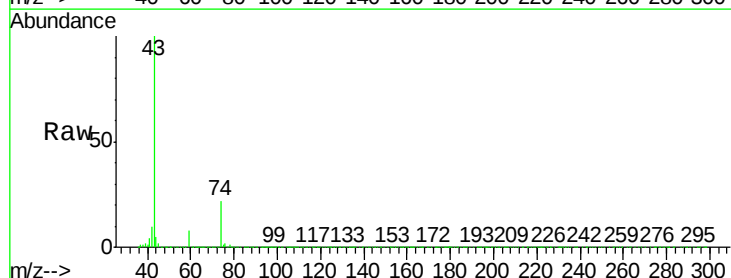
Acq: 20 Apr 2020 16:35

Tgt Ion: 43 Resp: 274594

Ion Ratio Lower Upper

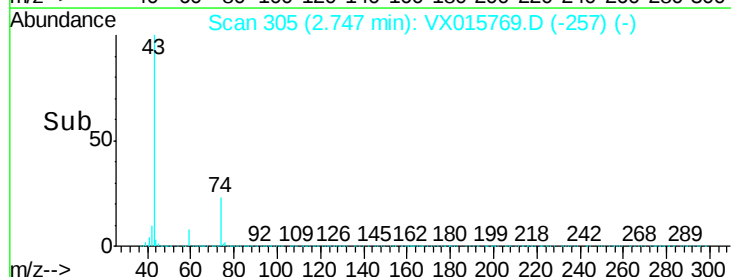
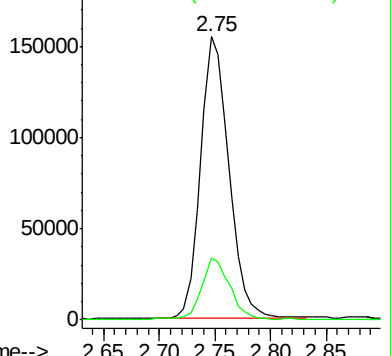
43 100

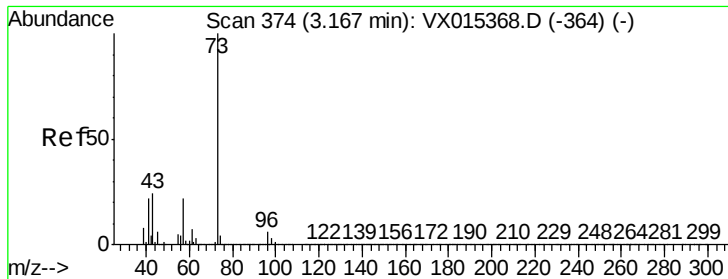
74 22.3 16.5 24.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





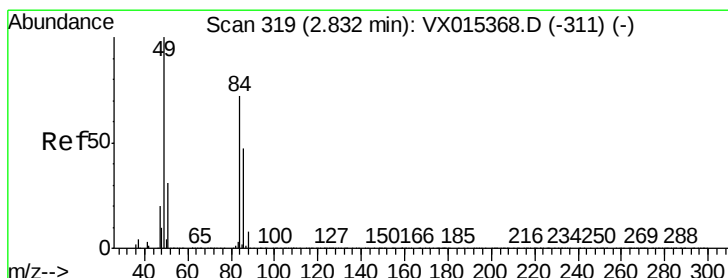
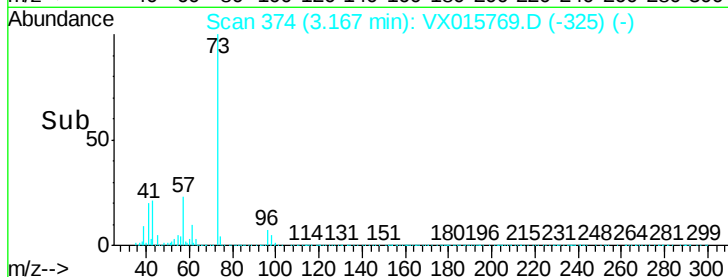
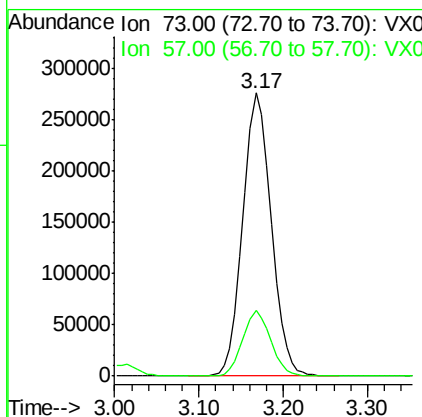
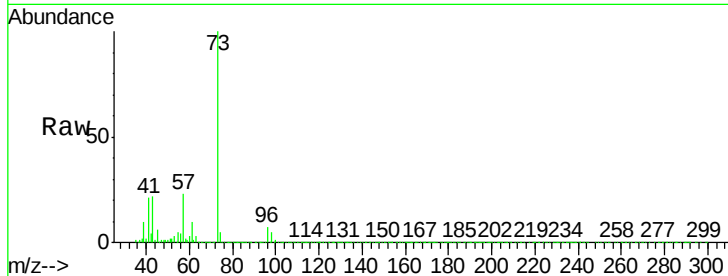
#19
Methvl tert-butvl Ether
Concen: 17.338 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
73	100		
57	23.1	17.9	26.9

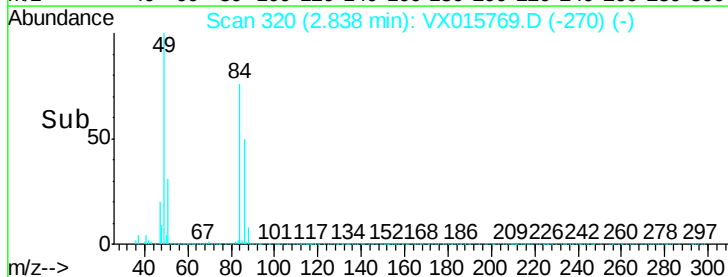
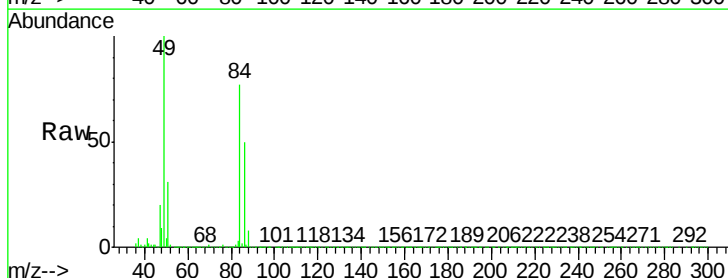
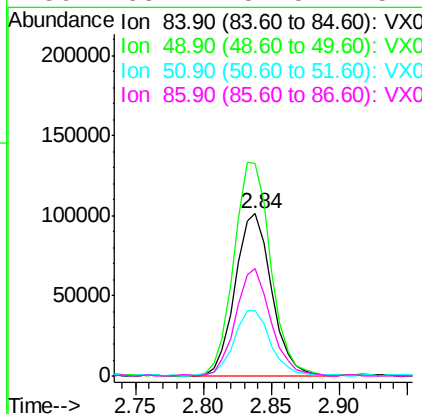
Manual Integrations
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#20
Methylene Chloride
Concen: 16.870 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	130.5	111.3	166.9
51	39.9	34.0	51.0
86	65.7	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 16.939 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

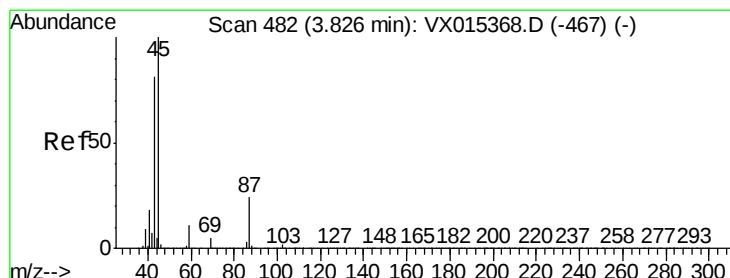
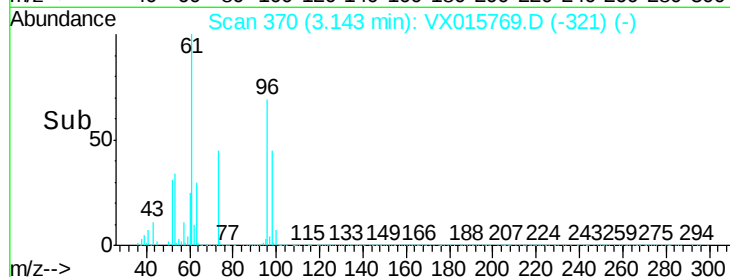
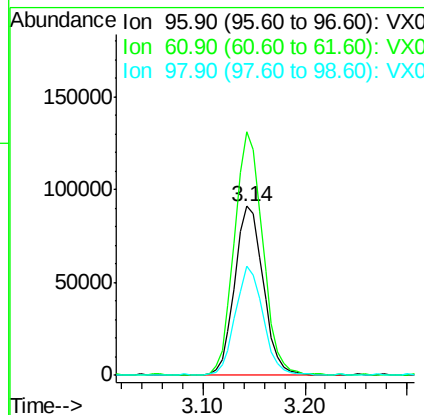
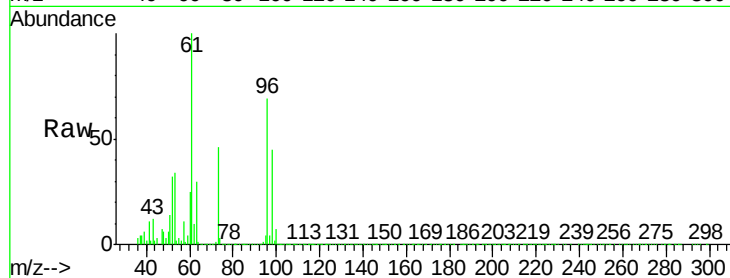
ClientSampled :

VX0420WBSD01

Tot Ion:	96	Resp:	175519
Ion	Ratio	Lower	Upper
96	100		
61	144.3	116.9	175.3
98	64.9	48.6	73.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 17.637 ug/l

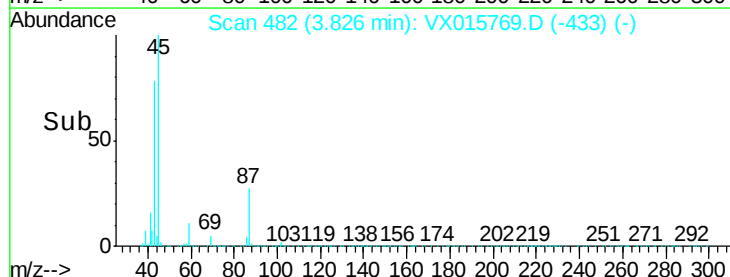
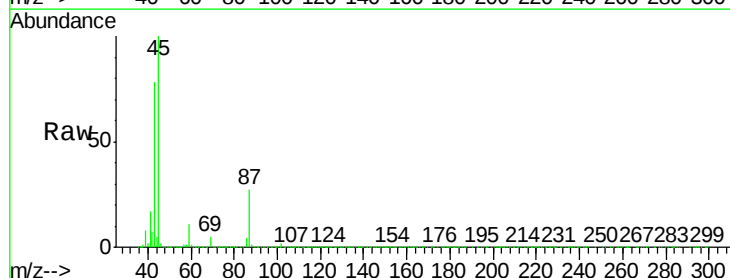
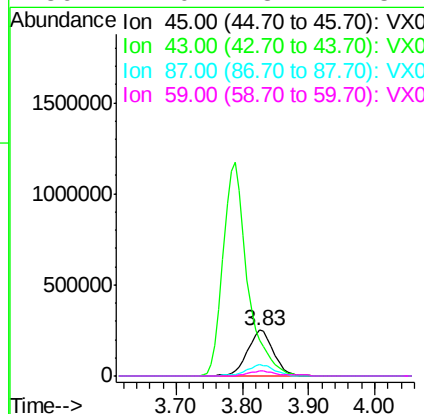
RT: 3.83 min Scan# 482

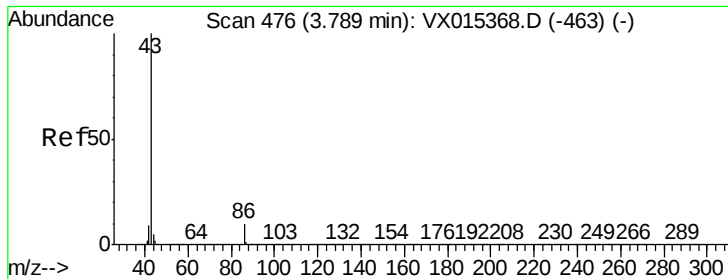
Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	45	Resp:	681799
Ion	Ratio	Lower	Upper
45	100		
43	77.8	64.7	97.1
87	26.4	19.4	29.0
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 85.996 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

VX0420WBSD01

Tot Ion: 43 Resp: 3009905

Ion Ratio Lower Upper

43 100

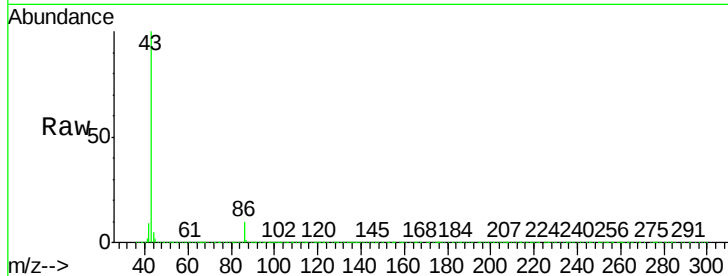
86 9.6 7.8 11.6

Manual Integrations

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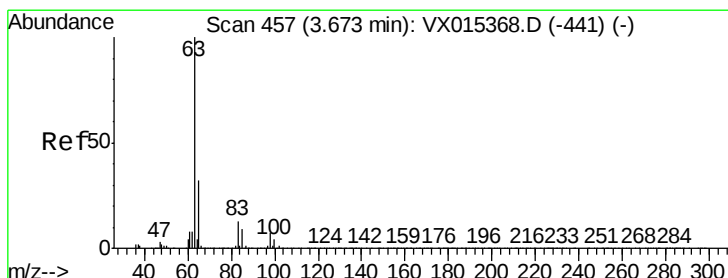
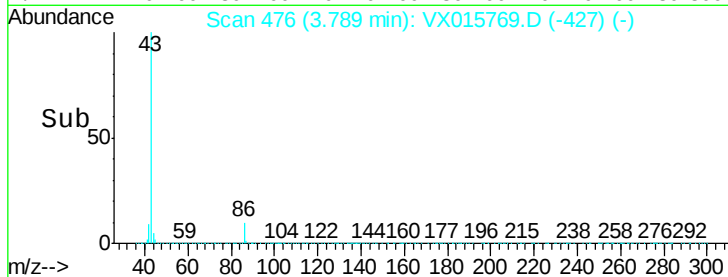
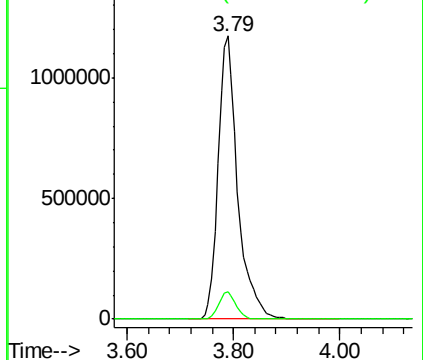
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 16.837 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

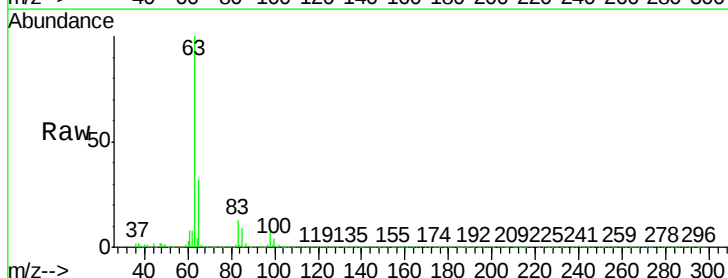
Tgt Ion: 63 Resp: 342686

Ion Ratio Lower Upper

63 100

98 6.4 3.3 9.8

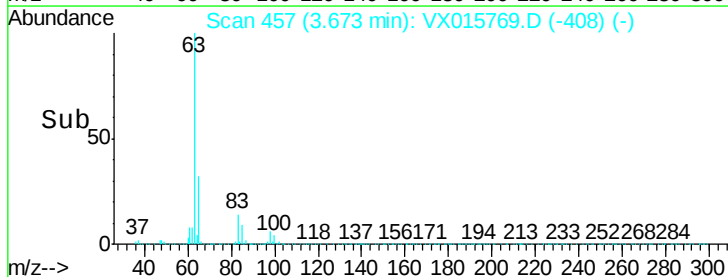
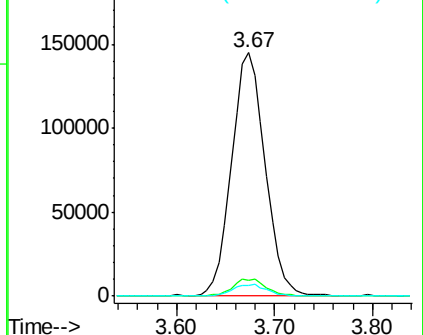
100 4.3 2.1 6.5

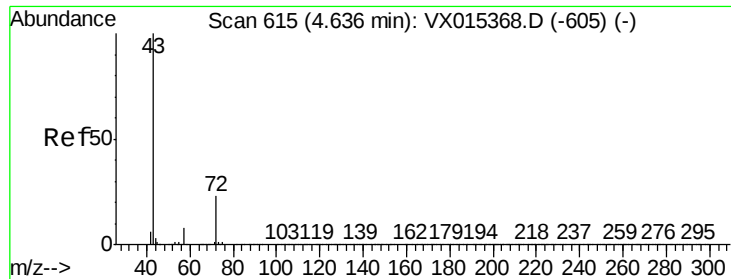


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 84.278 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tot Ion: 43 Resp: 812172

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

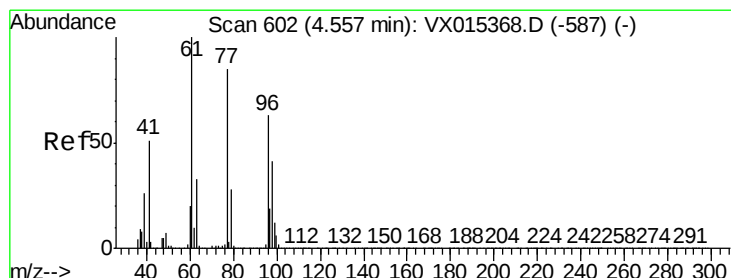
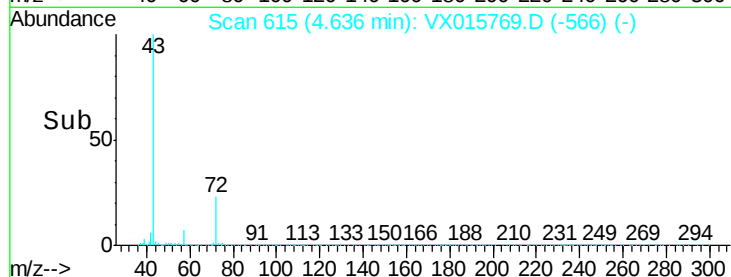
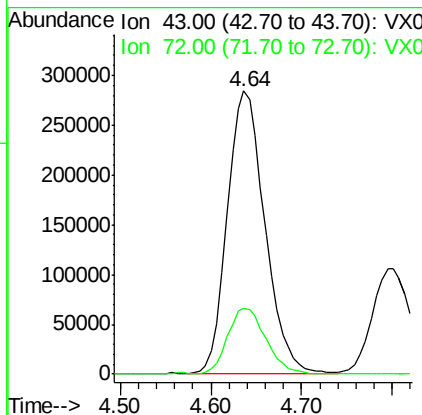
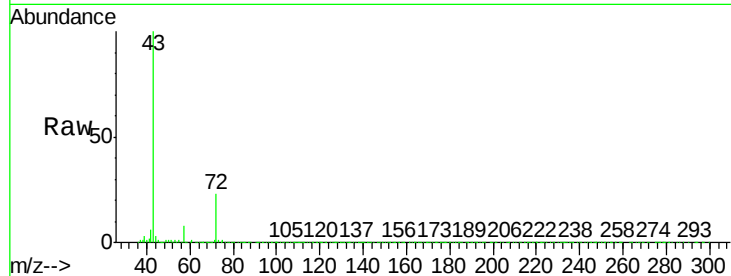
VX0420WBSD01

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#26

2,2-Dichloropropane

Concen: 16.675 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015769.D

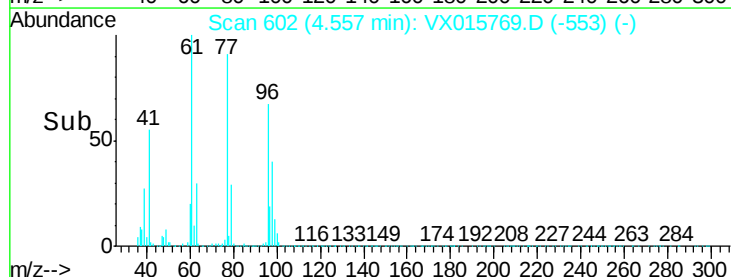
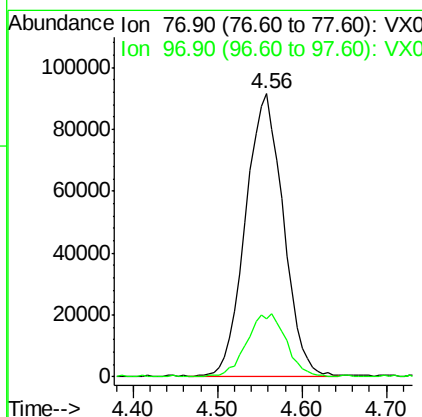
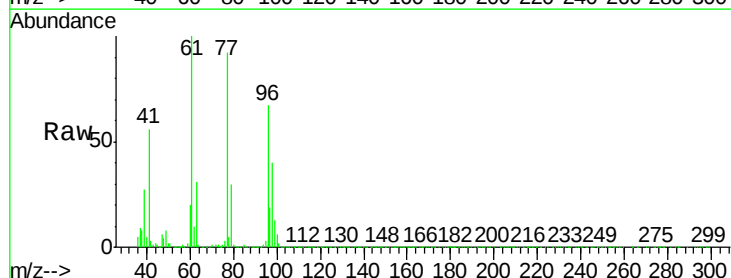
Acq: 20 Apr 2020 16:35

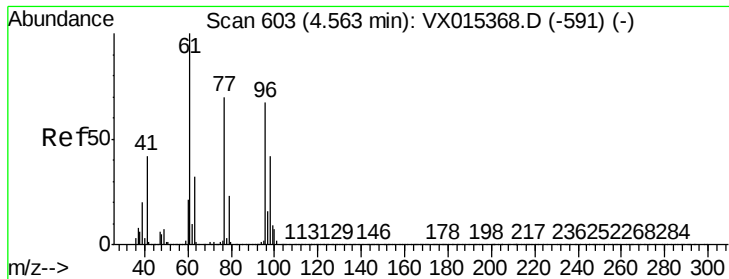
Tgt Ion: 77 Resp: 278580

Ion Ratio Lower Upper

77 100

97 23.0 11.3 33.8





#27

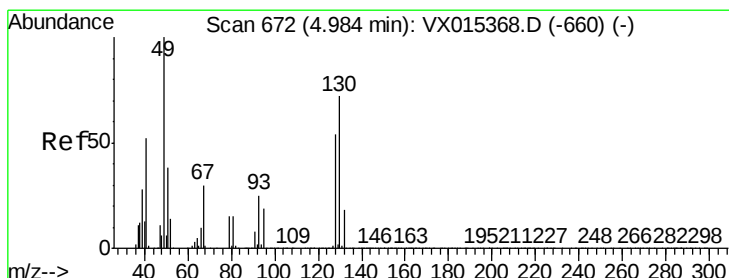
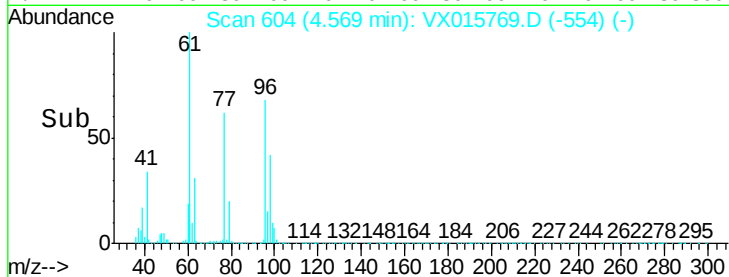
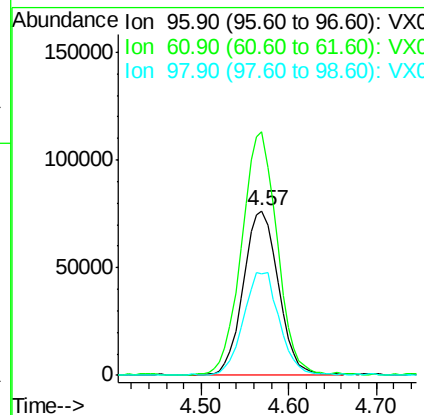
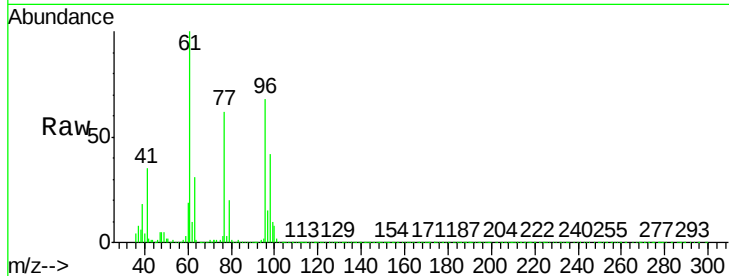
cis-1,2-Dichloroethene
Concen: 17.764 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
96	100	212950		
61	149.2	0.0	308.4	
98	63.4	0.0	129.2	

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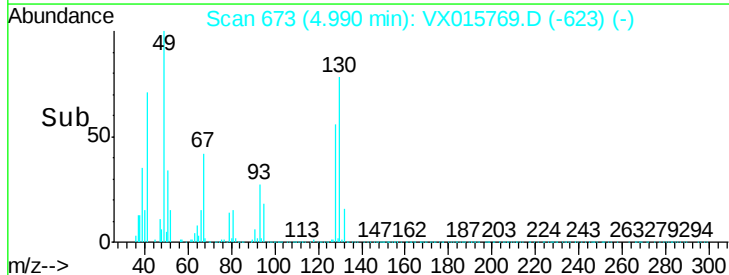
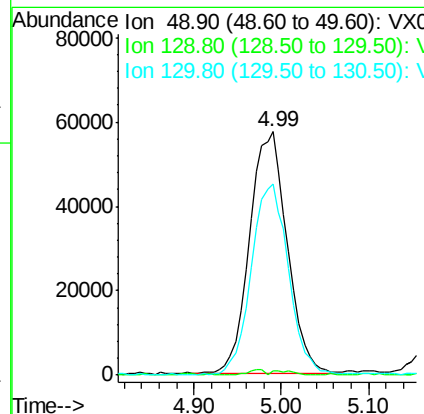
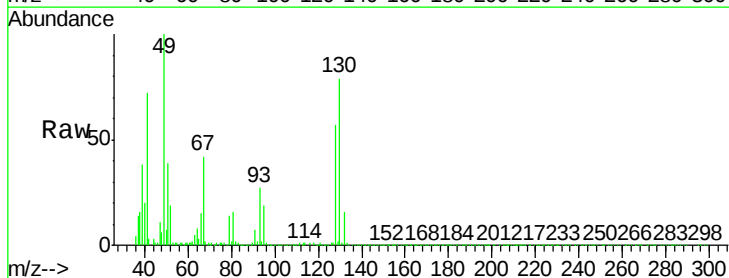
MMDadoda
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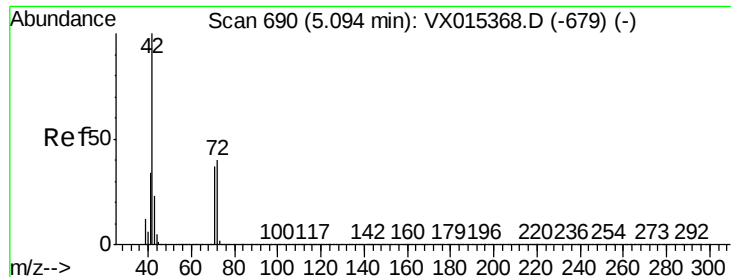


#28

Bromochloromethane
Concen: 17.716 ug/l
RT: 4.99 min Scan# 673
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	172162		
129	1.1	0.0	4.4	
130	78.8	57.7	86.5	





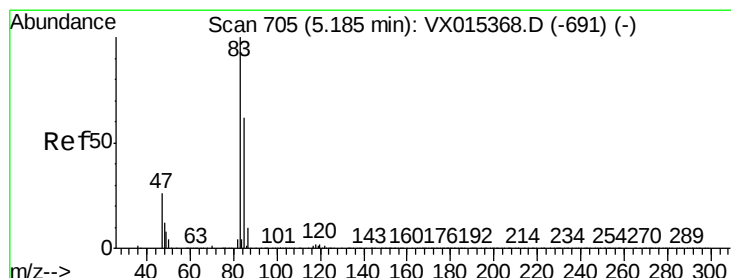
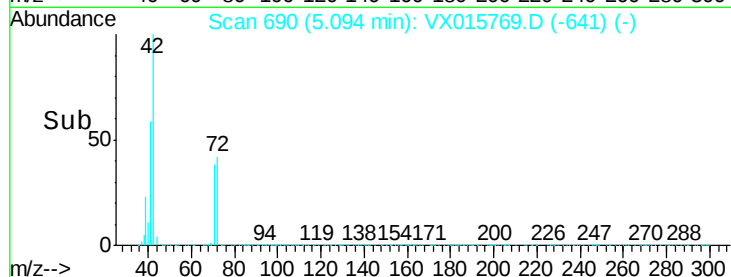
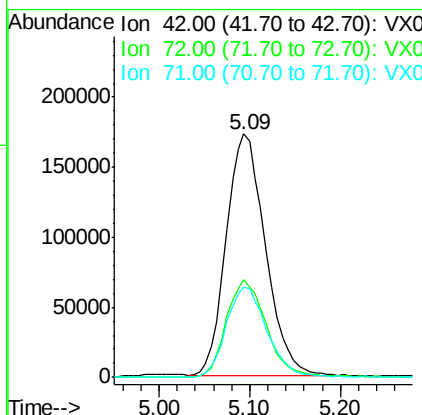
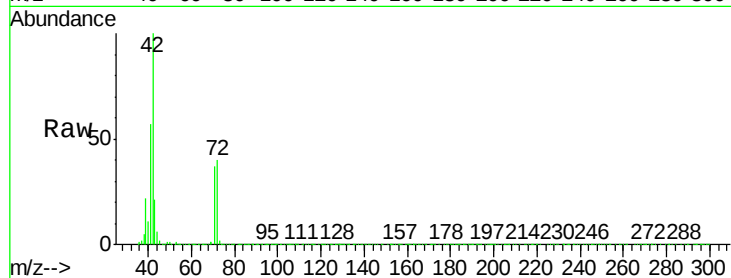
#29
Tetrahydrofuran
Concen: 83.755 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	31.7	47.5
71	37.9	29.6	44.4

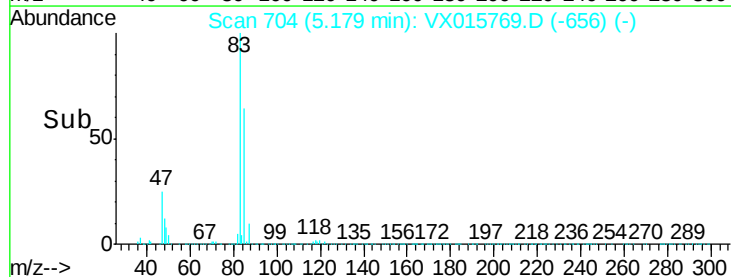
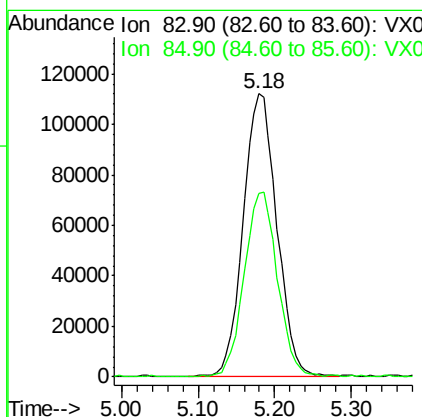
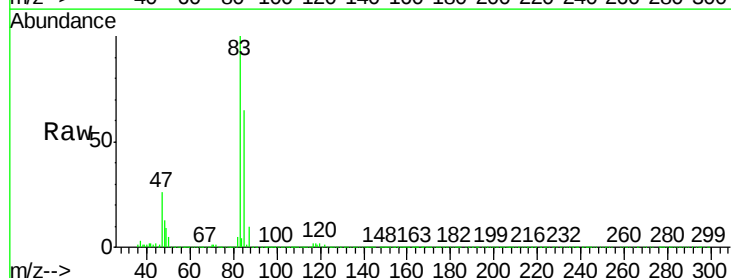
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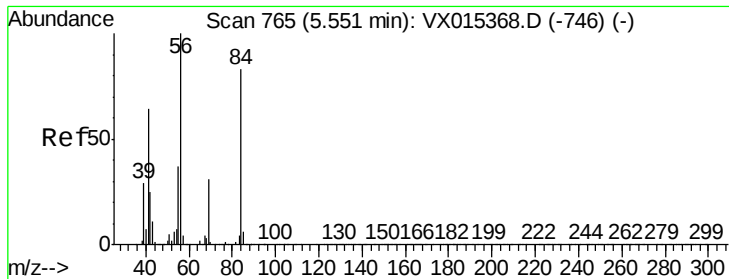
MMDadoda
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#30
Chloroform
Concen: 17.414 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	49.5	74.3





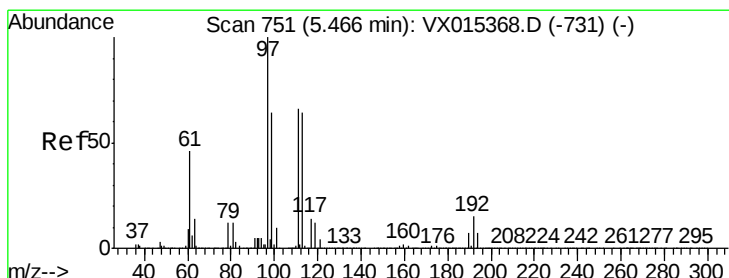
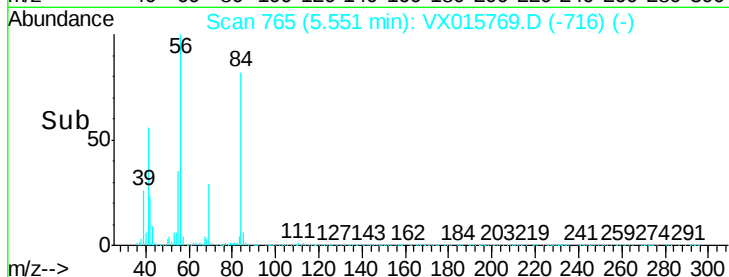
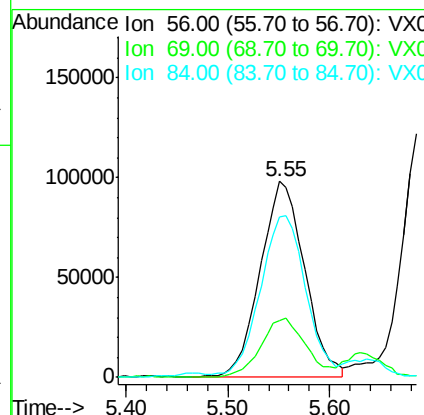
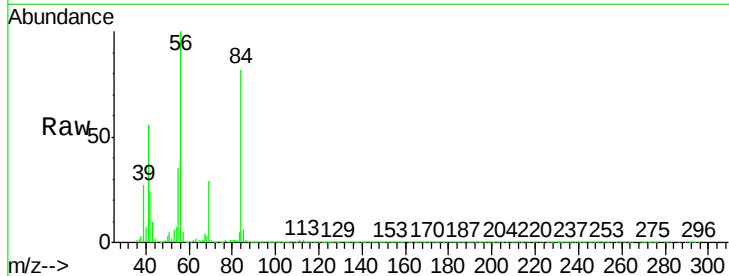
#31
Cyclohexane
Concen: 16.600 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	36.8
84	79.9	66.1	99.1

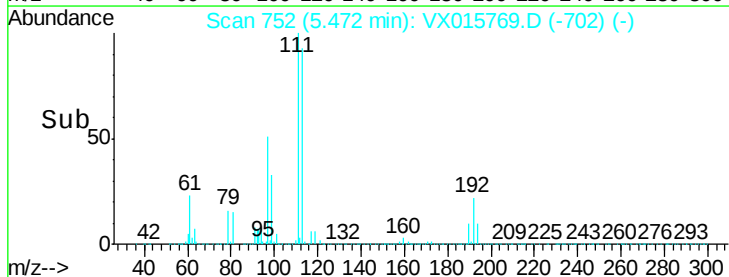
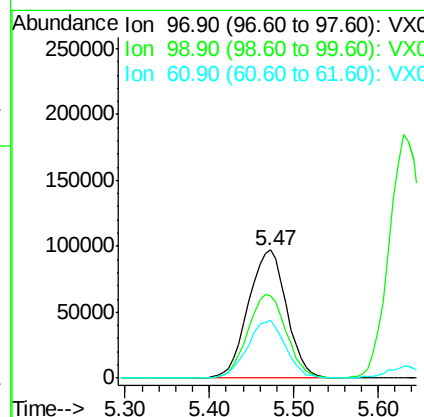
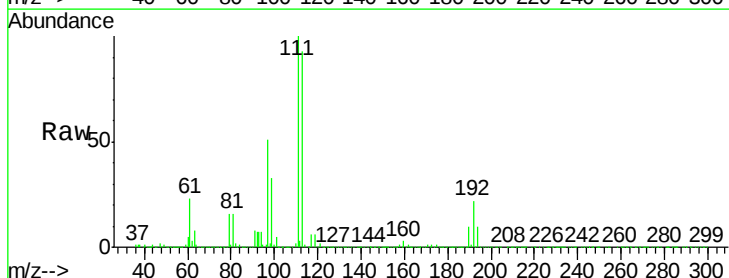
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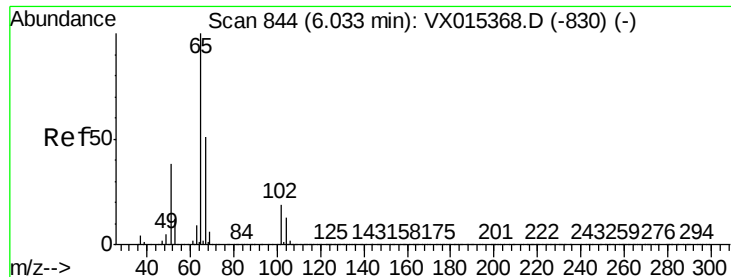
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#32
1,1,1-Trichloroethane
Concen: 16.850 ug/l
RT: 5.47 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.5	51.0	76.4
61	44.4	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.130 ug/l

RT: 6.03 min Scan# 844

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 65 Resp: 643407

Ion Ratio Lower Upper

65 100

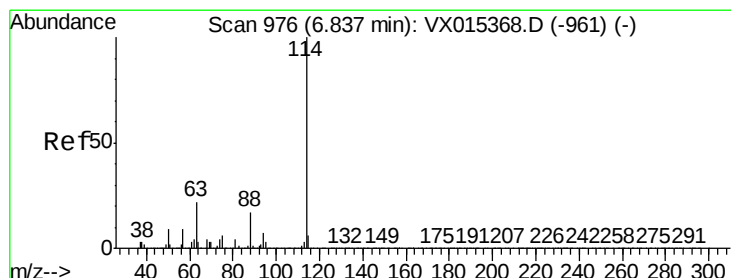
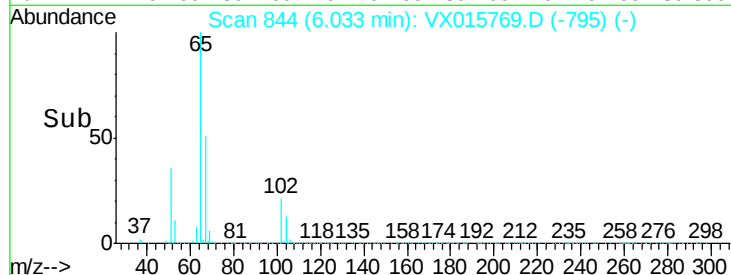
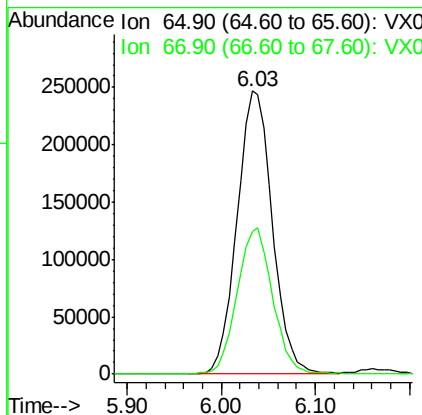
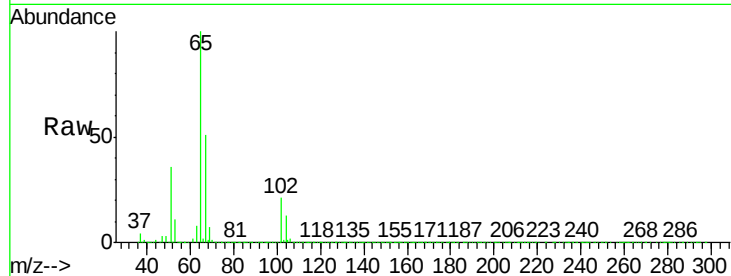
67 51.9 0.0 102.6

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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: VX015769.D

Acq: 20 Apr 2020 16:35

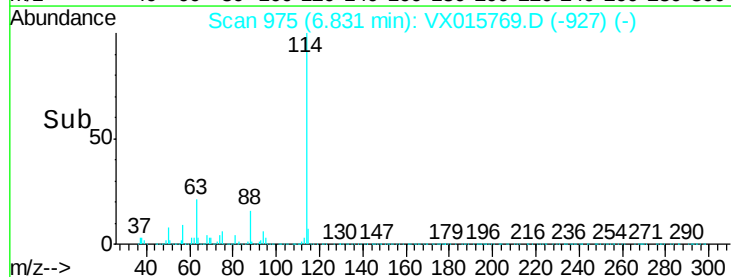
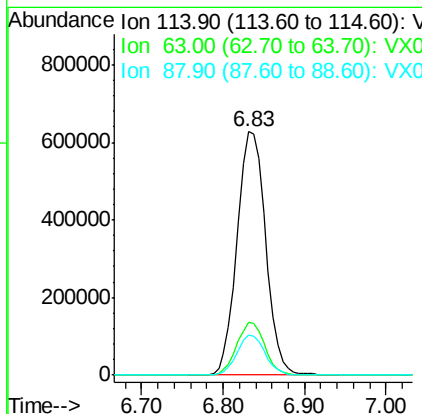
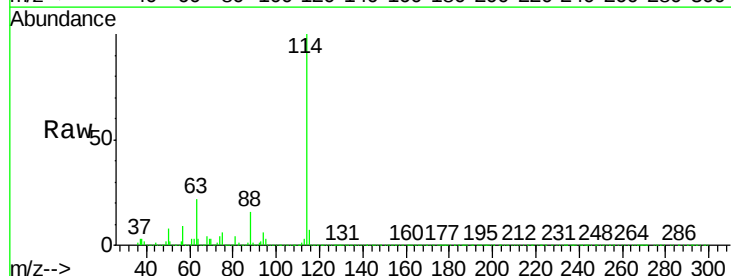
Tgt Ion: 114 Resp: 1524977

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.2

88 16.3 0.0 33.8





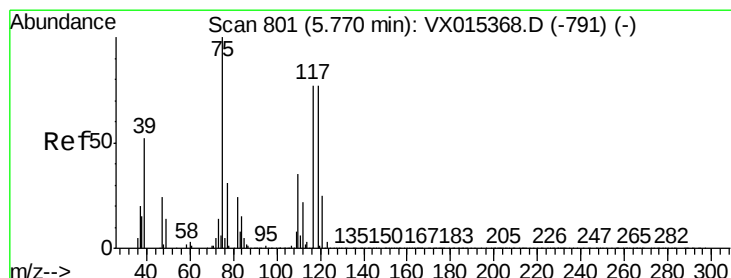
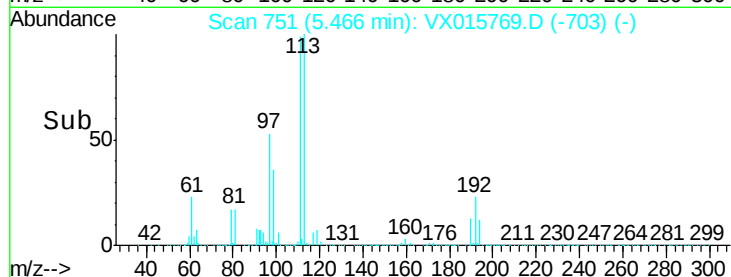
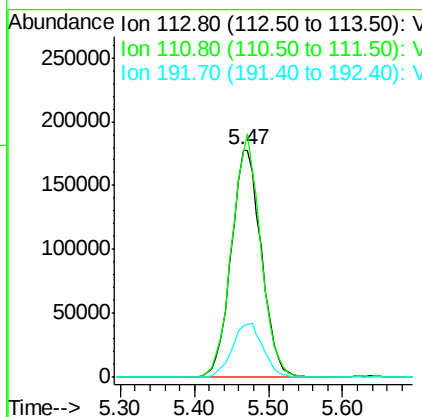
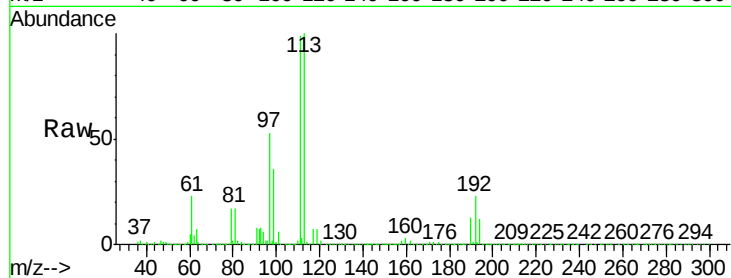
#35
Dibromofluoromethane
Concen: 51.839 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
113	100	505328		
111	101.6	81.5	122.3	
192	24.2	17.8	26.6	

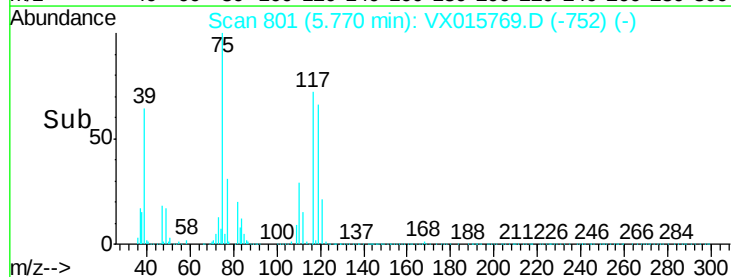
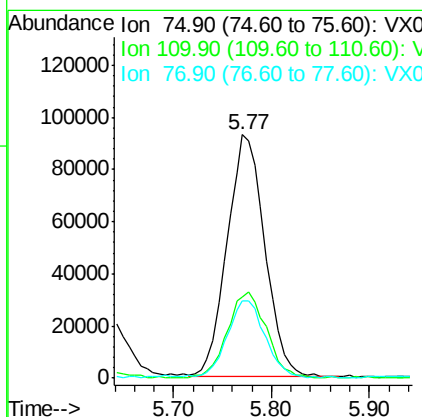
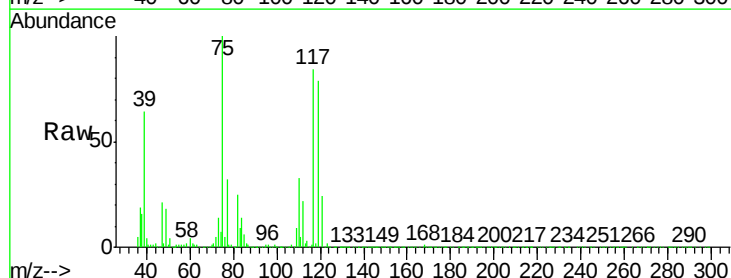
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#36
1,1-Dichloropropene
Concen: 17.732 ug/l
RT: 5.77 min Scan# 801
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	249147		
110	36.2	17.1	51.3	
77	31.3	24.6	36.8	





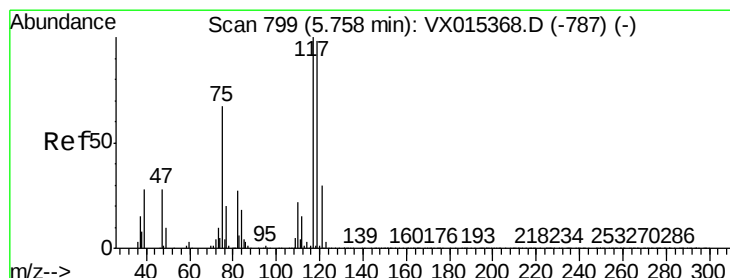
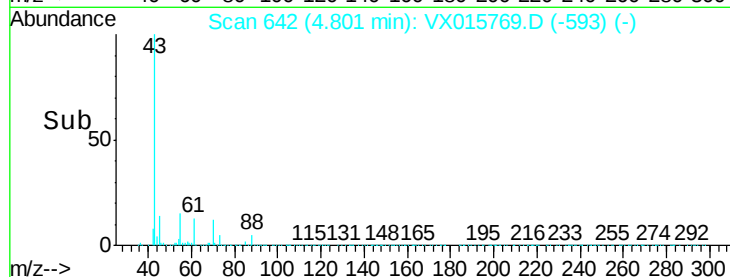
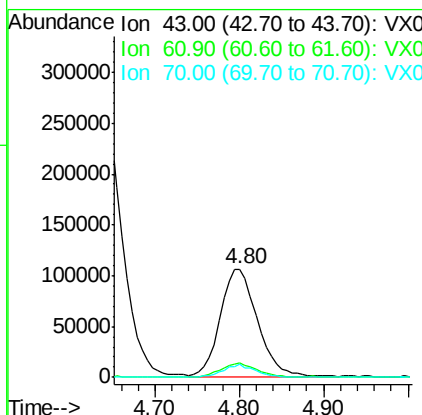
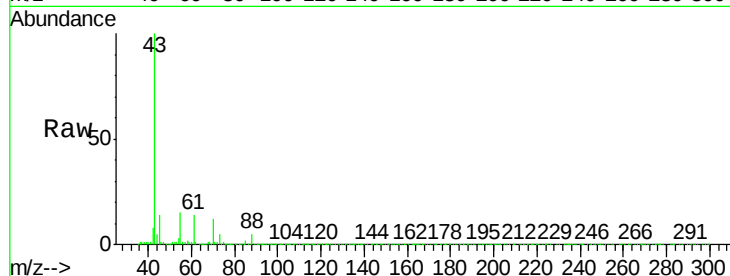
#37
Ethyl Acetate
Concen: 17.247 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	43	Resp	315545
Ion Ratio	Lower	Upper	
43	100		
61	12.2	9.9	14.9
70	10.0	8.1	12.1

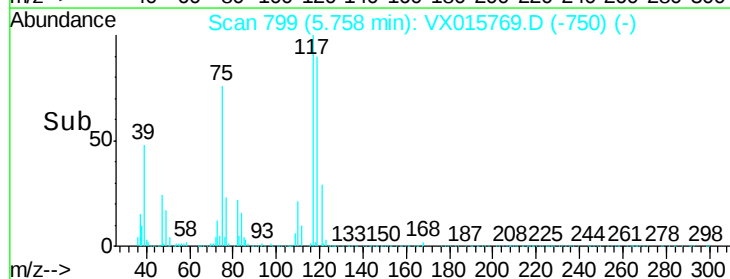
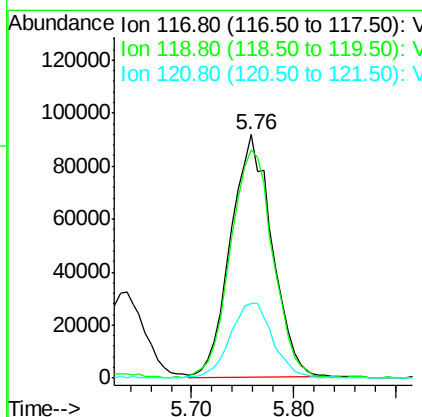
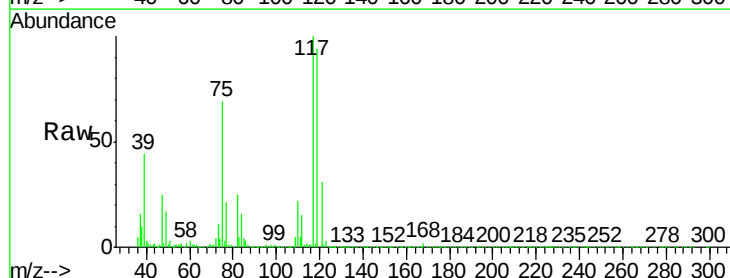
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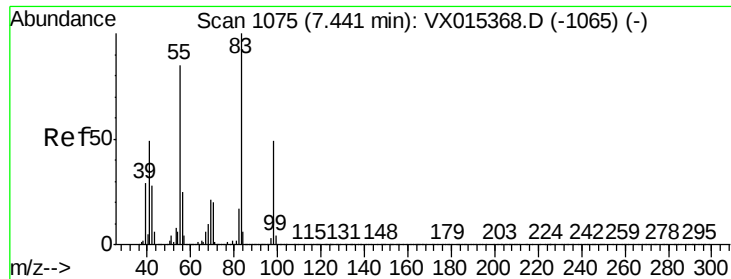
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#38
Carbon Tetrachloride
Concen: 17.002 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	117	Resp	258746
Ion Ratio	Lower	Upper	
117	100		
119	93.5	78.0	117.0
121	30.5	23.8	35.8





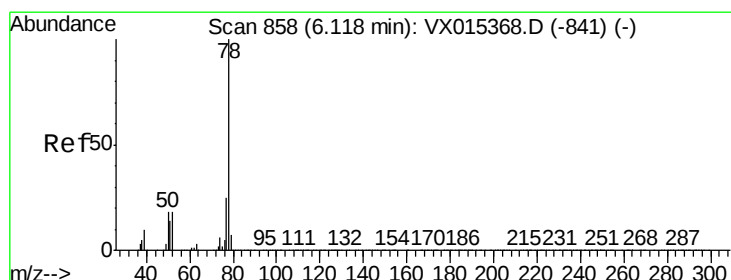
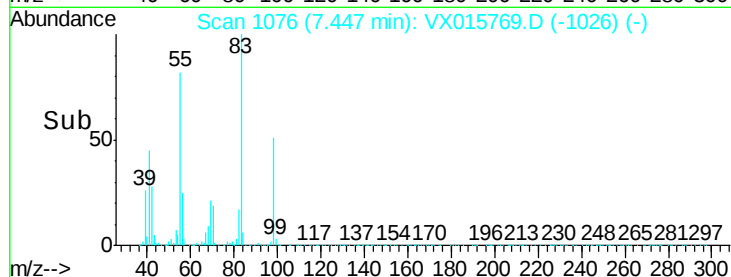
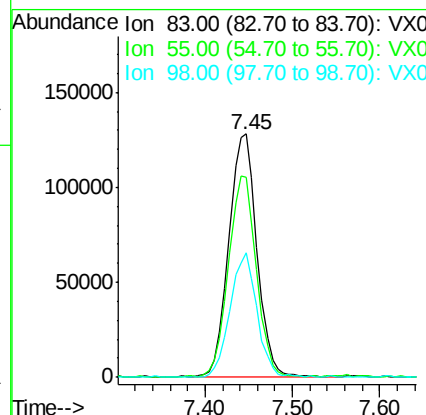
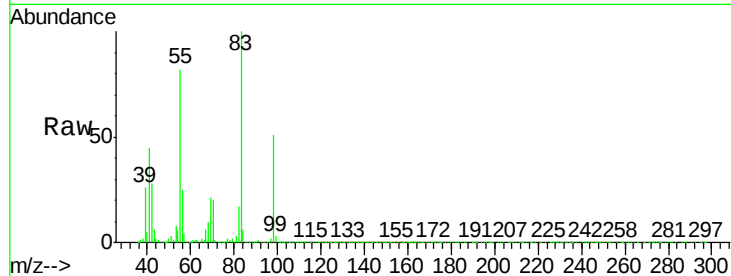
#39
Methvlcvclohexane
Concen: 17.655 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
83	100		
55	81.5	67.8	101.6
98	50.8	39.3	58.9

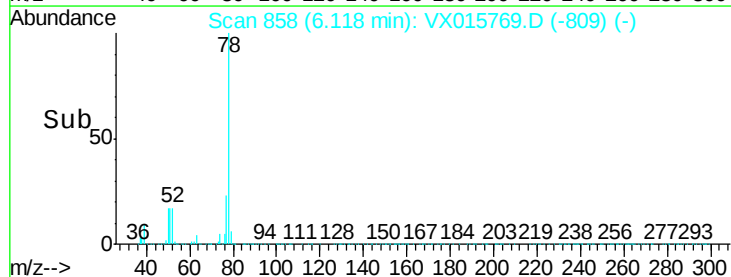
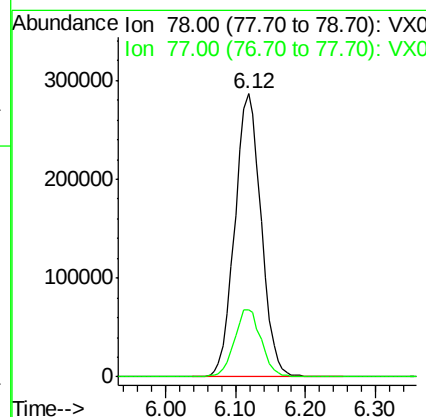
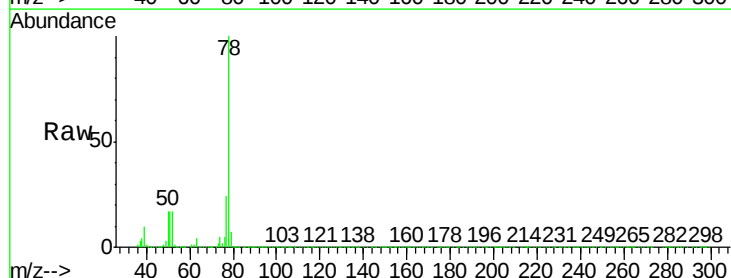
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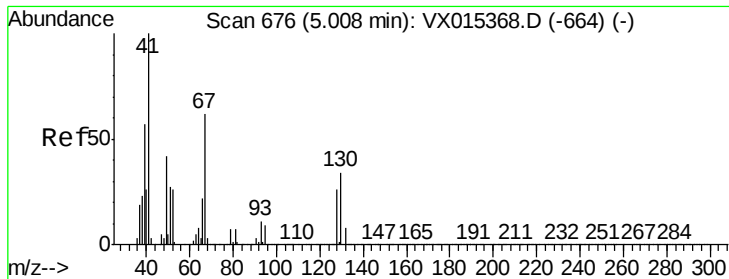
MMDadoda
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#40
Benzene
Concen: 18.134 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.8	29.8





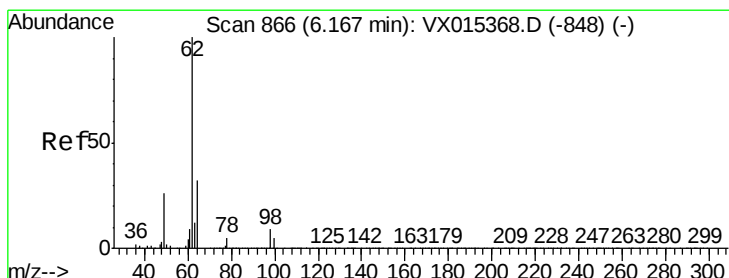
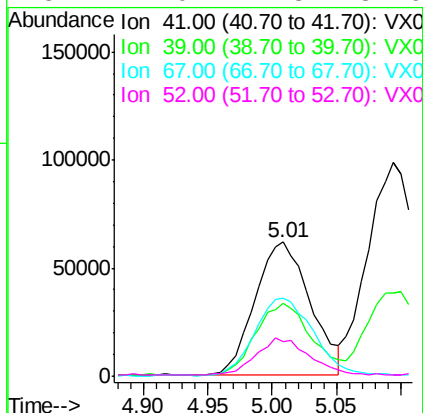
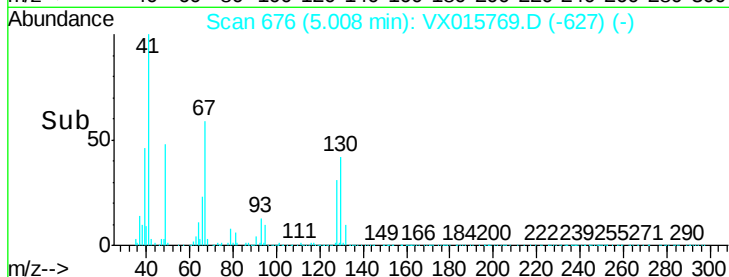
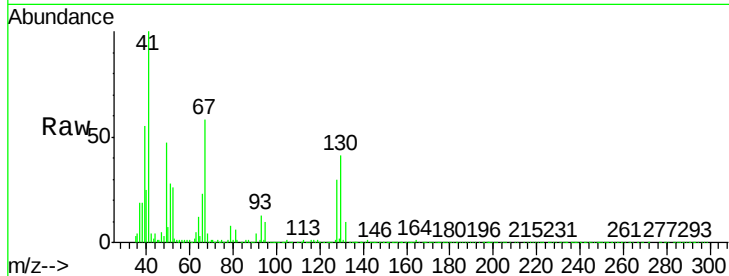
#41
Methacrylonitrile
Concen: 18.057 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	44.5	66.7	
67	61.6	48.9	73.3	
52	27.0	21.8	32.6	

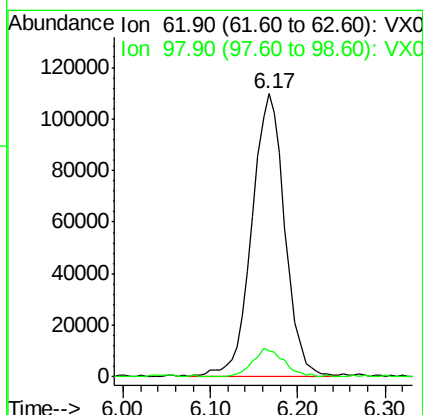
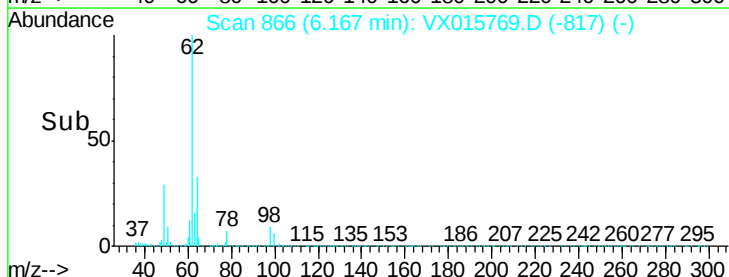
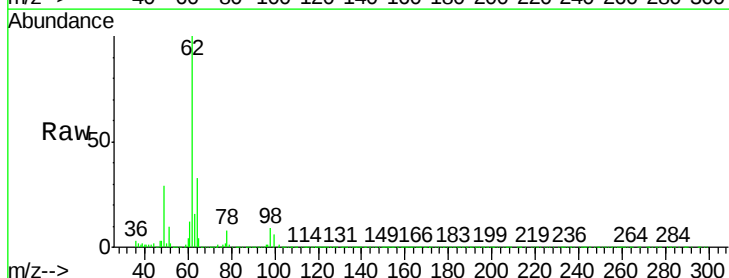
Manual Integrations
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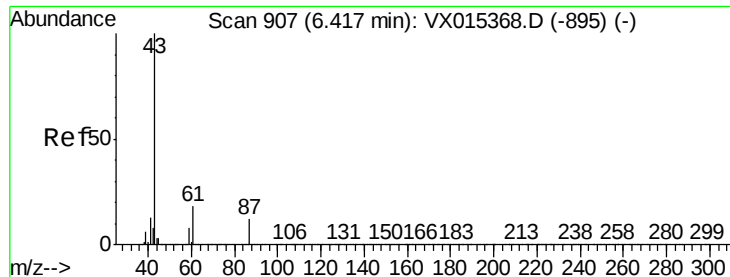
MMDadoda
4/21/2020 12:16:15 PM



#42
1,2-Dichloroethane
Concen: 17.244 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.9	0.0	17.6	





#43

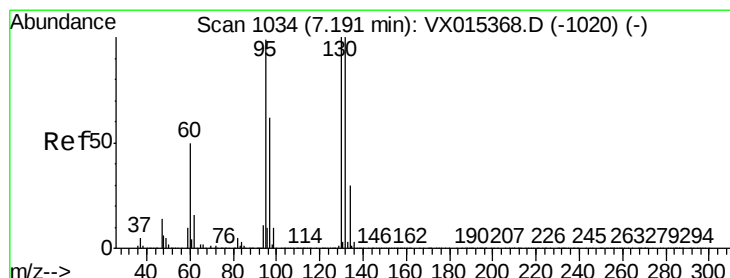
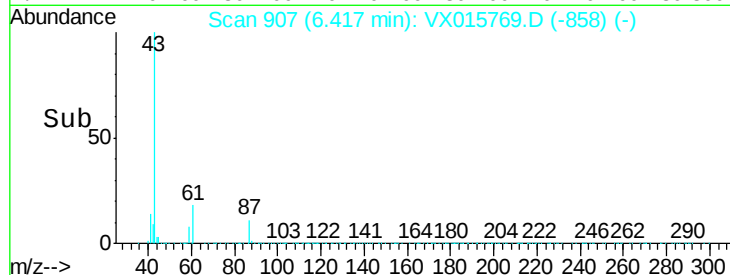
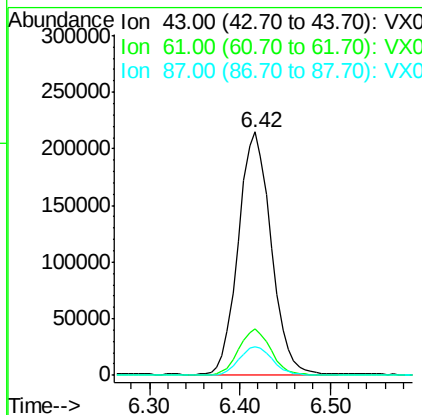
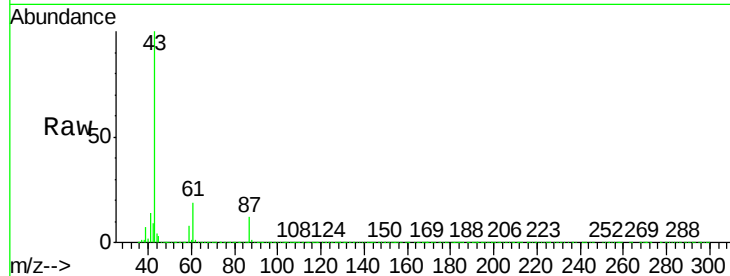
Isopropyl Acetate
 Concen: 17.335 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.5	14.8	22.2
87	12.1	9.4	14.0

Manual Integrations
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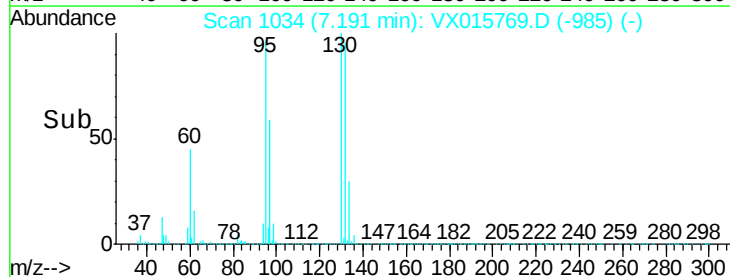
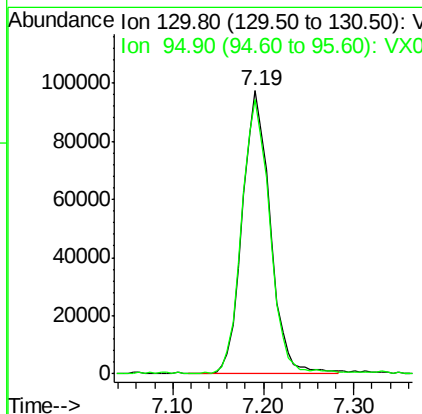
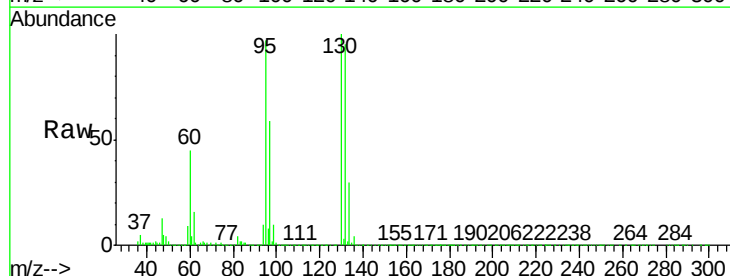
MMDadoda
 4/21/2020 12:16:15 PM

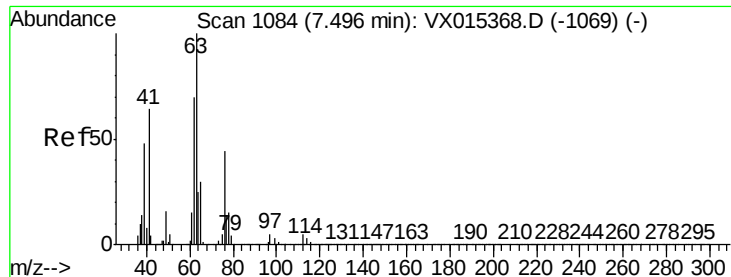


#44

Trichloroethene
 Concen: 18.398 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	97.1	0.0	199.0





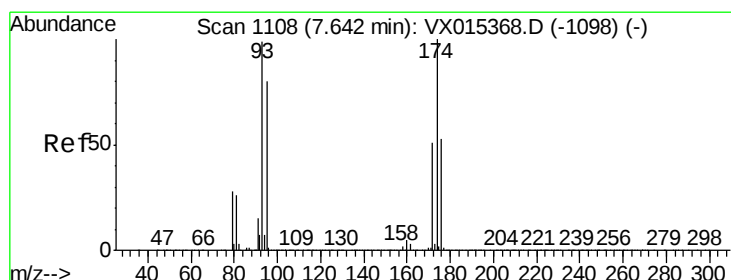
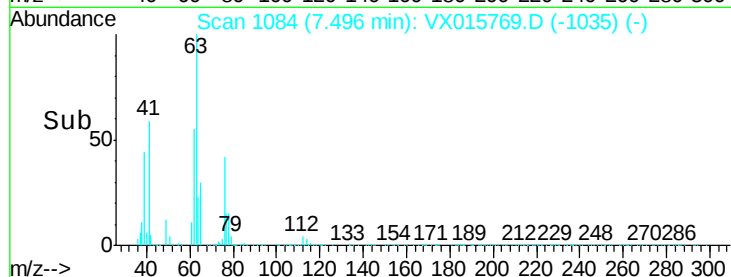
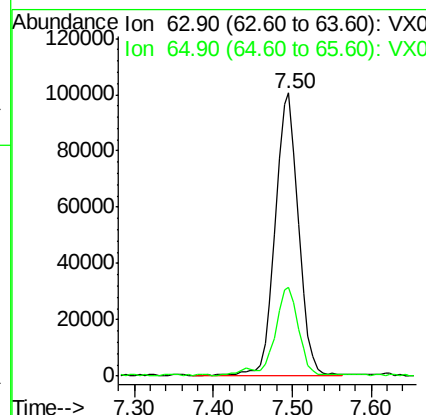
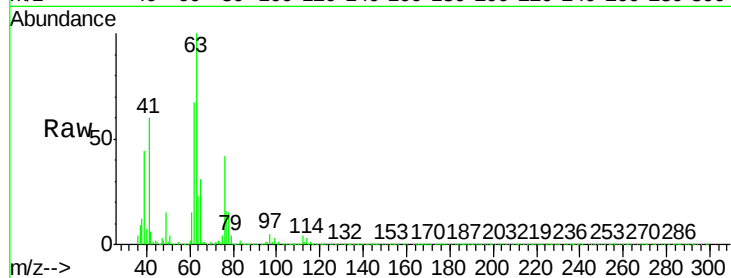
#45
 1,2-Dichloropropane
 Concen: 18.229 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
63	100	205252		
65	30.9		23.9	35.9

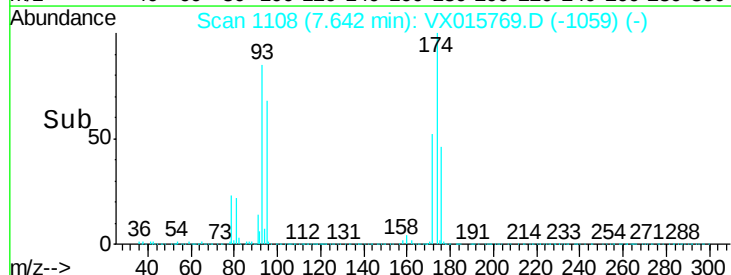
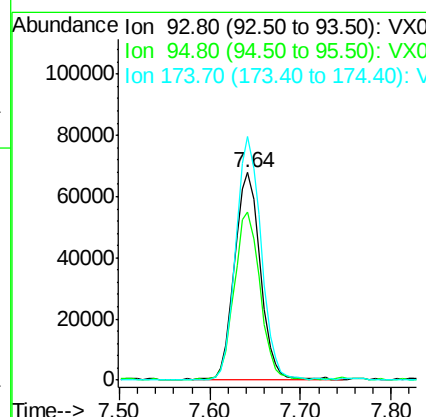
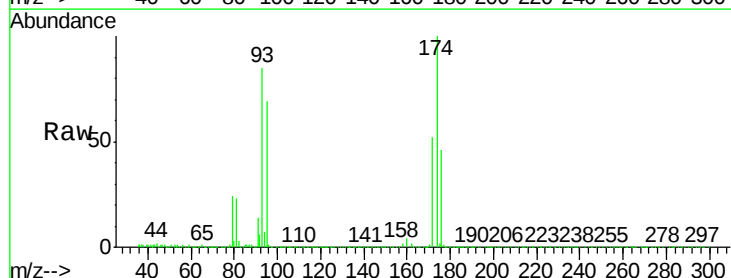
Manual Integrations
 APPROVED

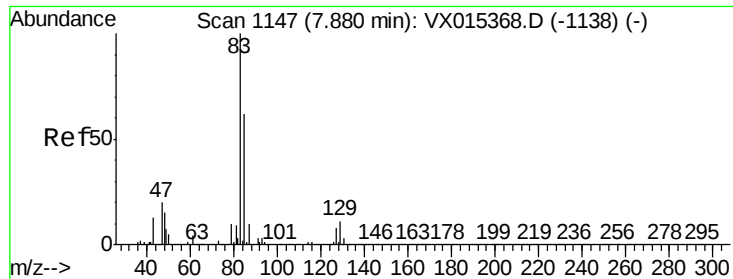
MMDadoda
 4/21/2020 12:16:15 PM



#46
 Dibromomethane
 Concen: 18.316 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	135284		
95	80.6		65.8	98.8
174	113.7		86.2	129.2





#47

Bromodichloromethane

Concen: 17.215 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

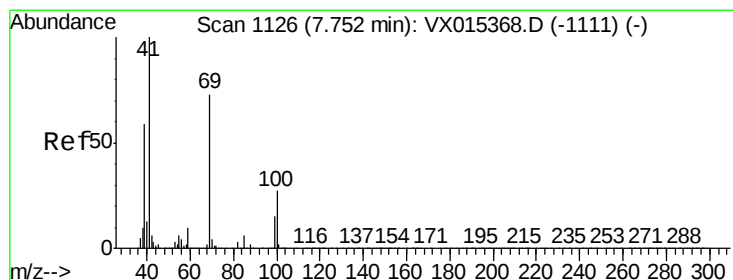
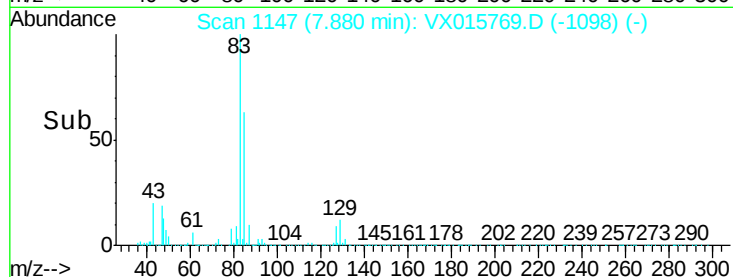
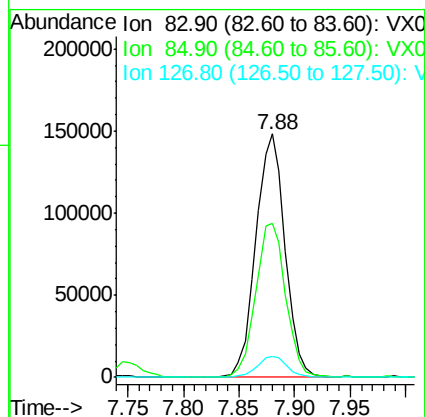
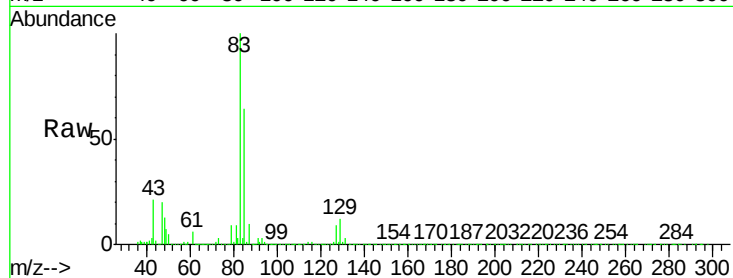
ClientSampleId :

VX0420WBSD01

Tot Ion:	83	Resp:	270931
Ion Ratio	Lower	Upper	
83	100		
85	63.4	49.7	74.5
127	8.6	6.7	10.1

Manual Integrations
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MMDadoda
4/21/2020 12:16:15 PM



#48

Methyl methacrylate

Concen: 17.055 ug/l

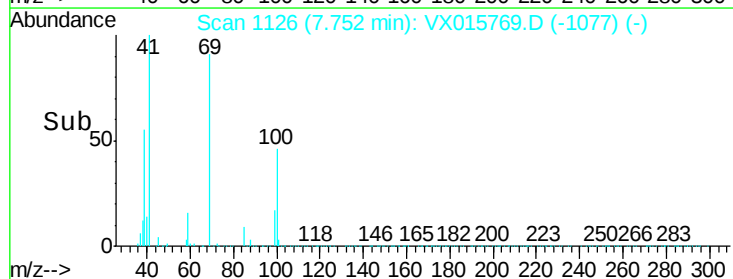
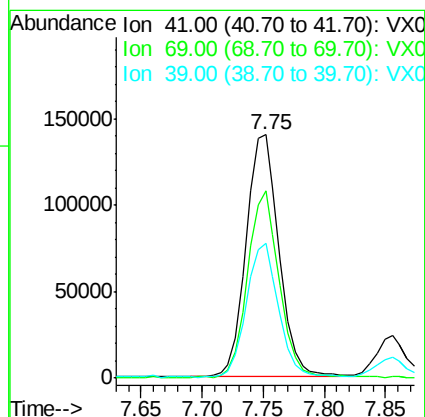
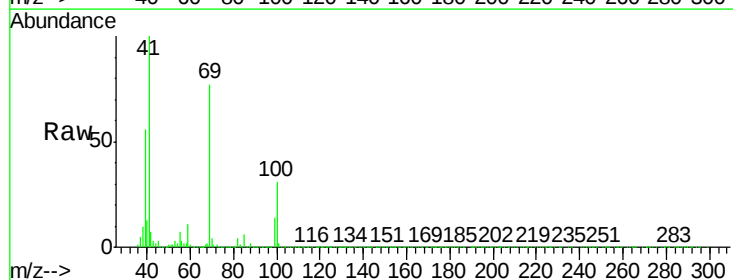
RT: 7.75 min Scan# 1126

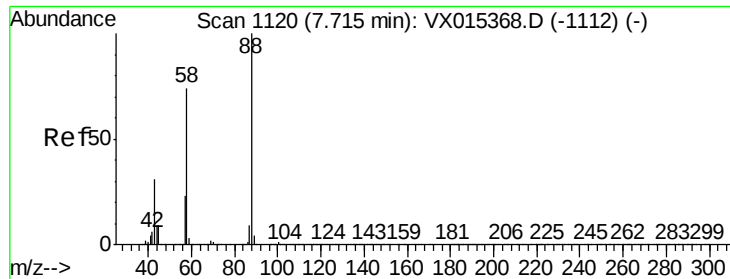
Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	41	Resp:	263104
Ion Ratio	Lower	Upper	
41	100		
69	74.3	56.7	85.1
39	54.1	46.5	69.7





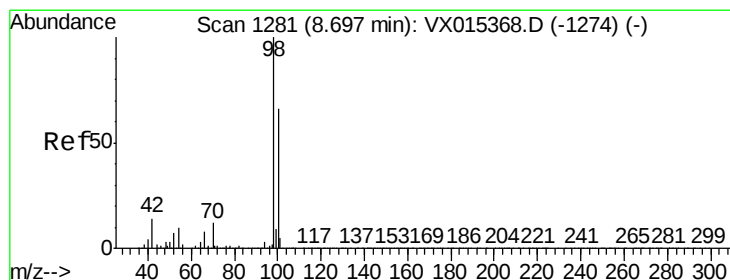
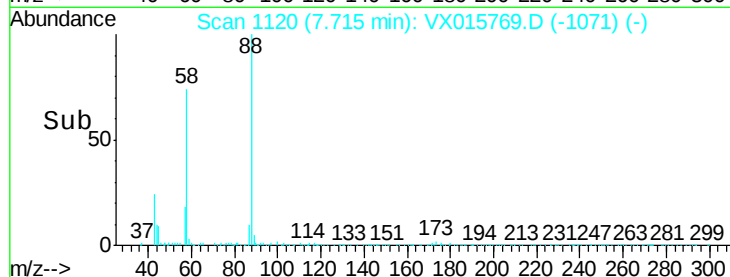
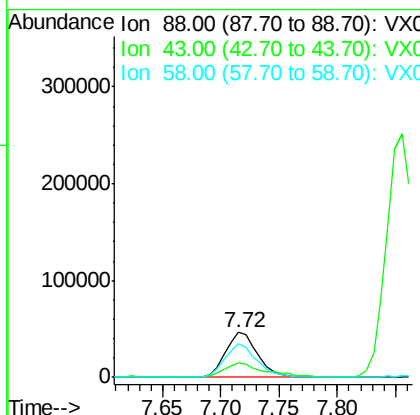
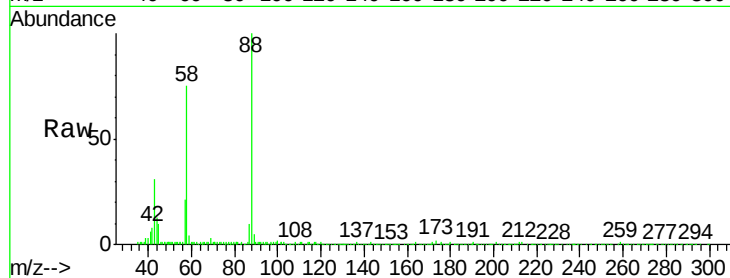
#49
1,4-Dioxane
Concen: 305.066 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.2	30.1	45.1
58	76.4	60.6	90.8

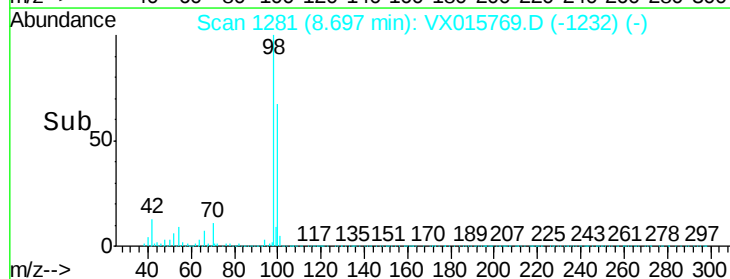
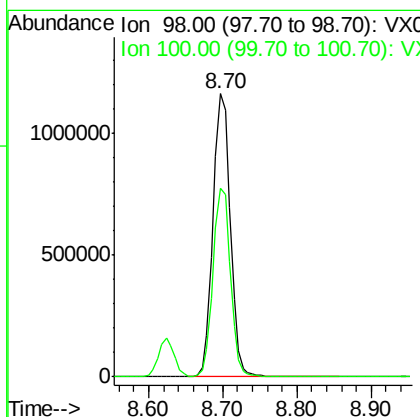
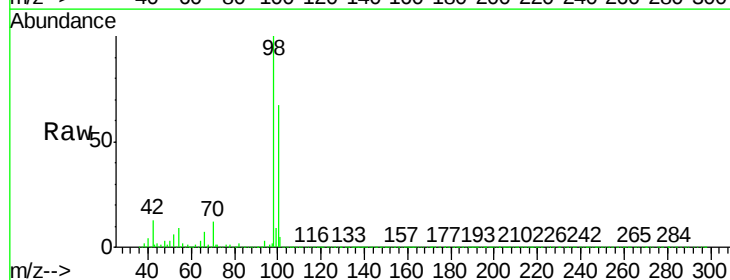
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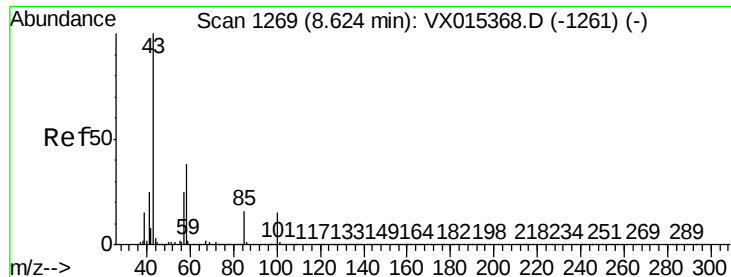
MMDadoda
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#50
Toluene-d8
Concen: 51.822 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.5	80.3





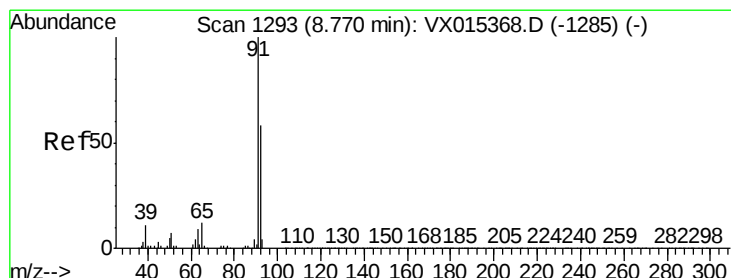
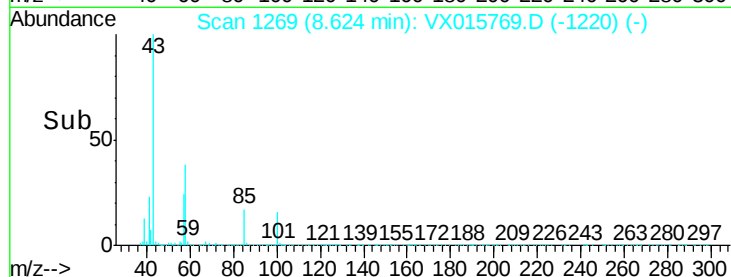
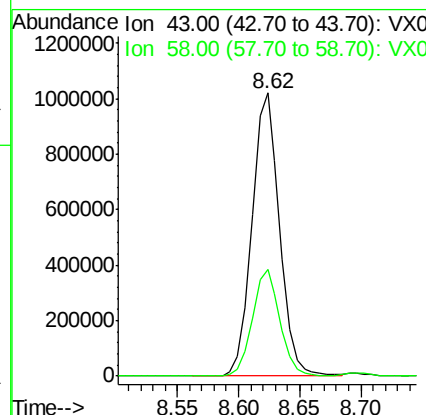
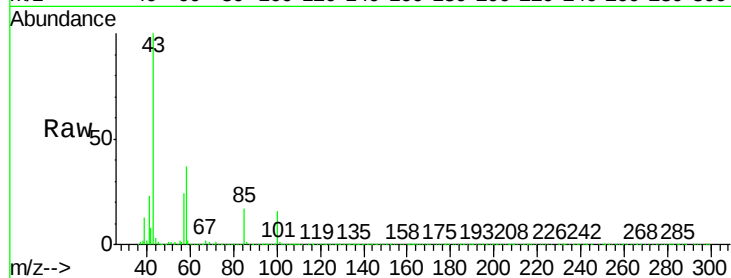
#51
4-Methyl-2-Pentanone
Concen: 91.216 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion: 43 Resp: 1596549
Ion Ratio Lower Upper
43 100
58 37.4 29.7 44.5

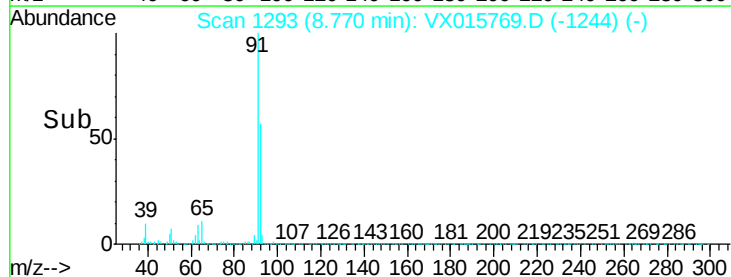
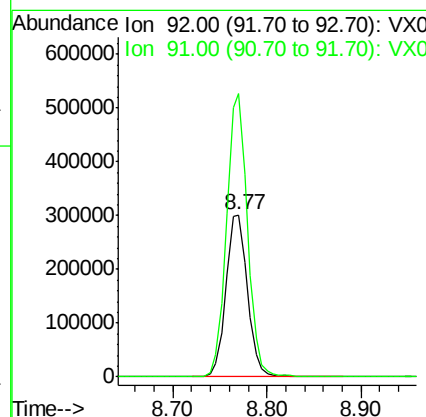
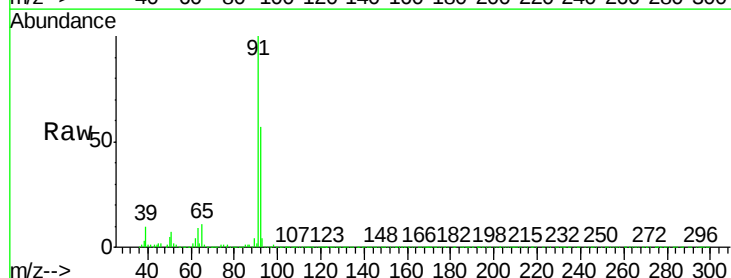
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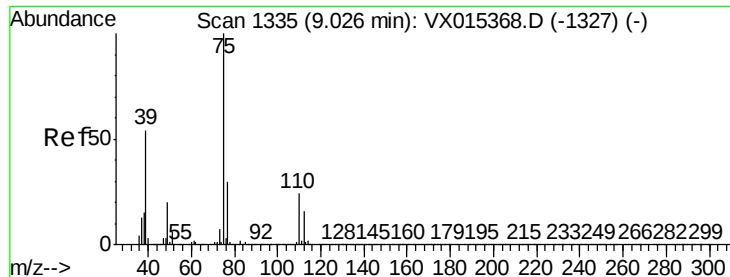
MMDadoda
4/21/2020 12:16:15 PM



#52
Toluene
Concen: 18.803 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 92 Resp: 477126
Ion Ratio Lower Upper
92 100
91 169.8 136.6 205.0





#53

t-1,3-Dichloropropene

Concen: 16.224 ug/l

RT: 9.03 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 75 Resp: 299468

Ion Ratio Lower Upper

75 100

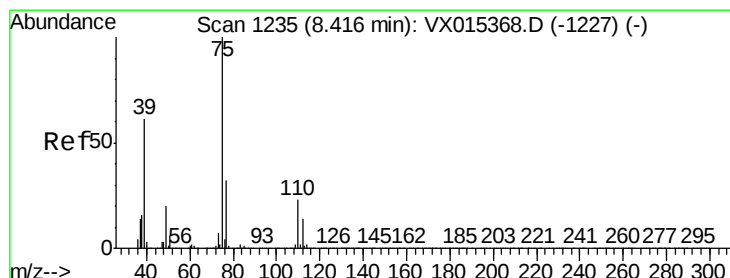
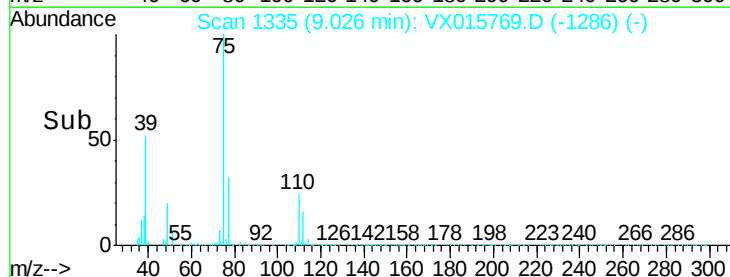
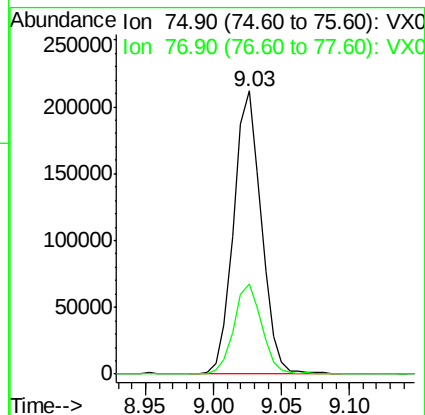
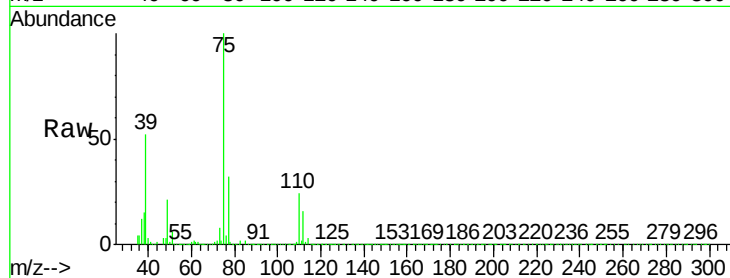
77 31.5 24.1 36.1

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 17.713 ug/l

RT: 8.42 min Scan# 1235

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

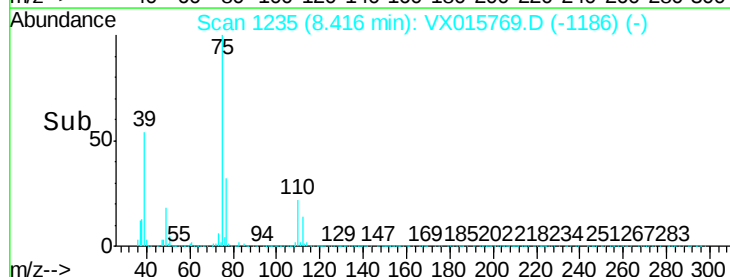
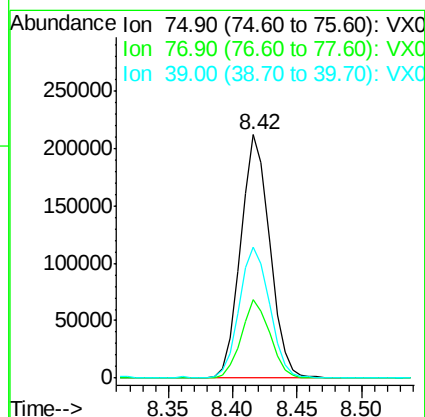
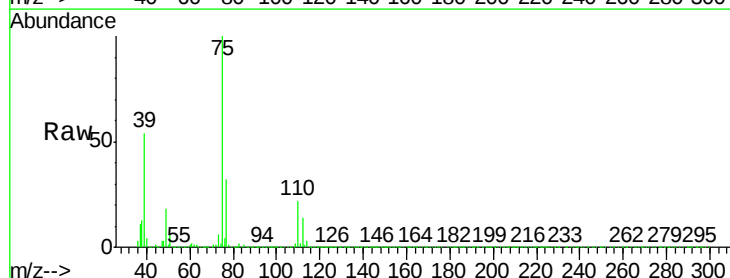
Tgt Ion: 75 Resp: 333039

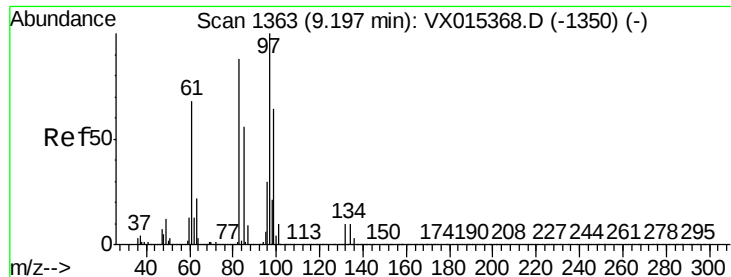
Ion Ratio Lower Upper

75 100

77 32.0 25.8 38.6

39 53.4 49.0 73.4





#55

1,1,2-Trichloroethane

Concen: 19.078 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

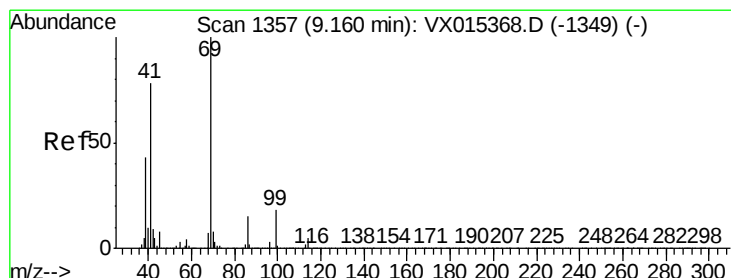
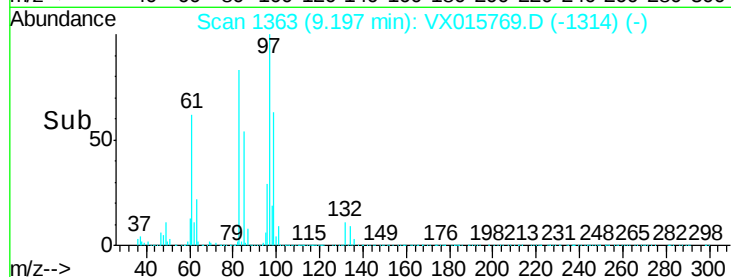
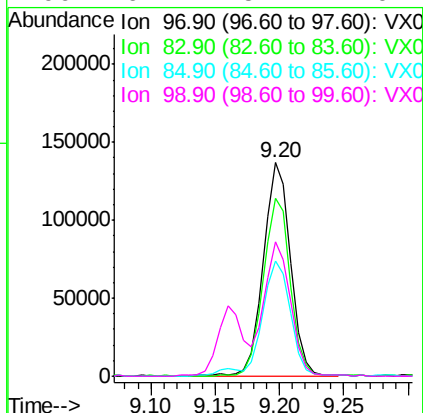
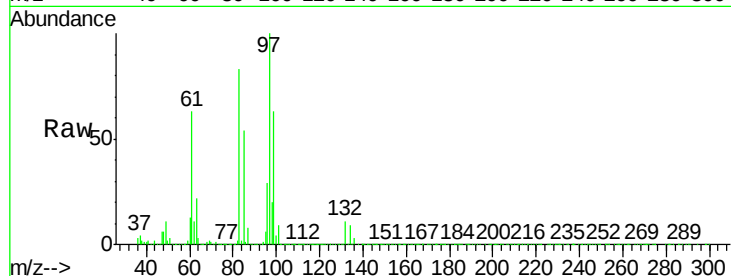
ClientSampleId :

VX0420WBSD01

Tot Ion:	97	Resp:	198341
Ion	Ratio	Lower	Upper
97	100		
83	83.4	70.2	105.4
85	53.9	44.7	67.1
99	62.7	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 17.695 ug/l

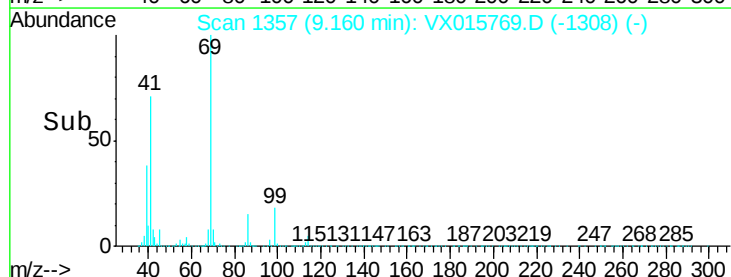
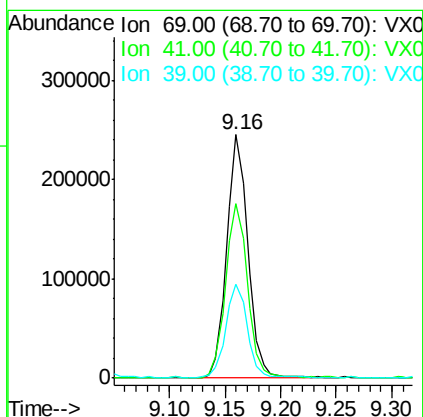
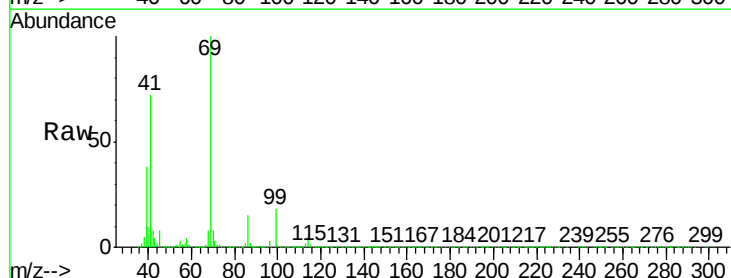
RT: 9.16 min Scan# 1357

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	69	Resp:	324226
Ion	Ratio	Lower	Upper
69	100		
41	73.7	61.6	92.4
39	38.5	34.0	51.0





#57

1,3-Dichloropropane

Concen: 18.001 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 76 Resp: 337191

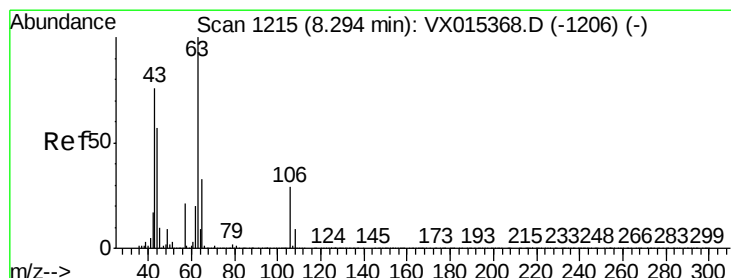
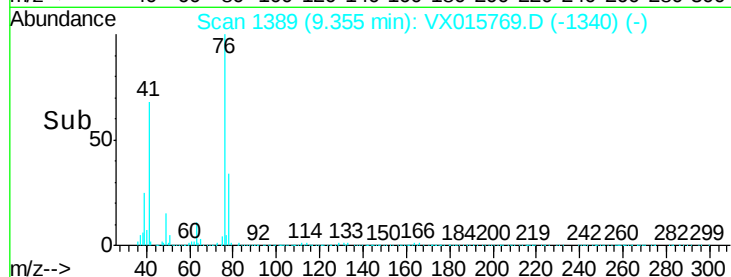
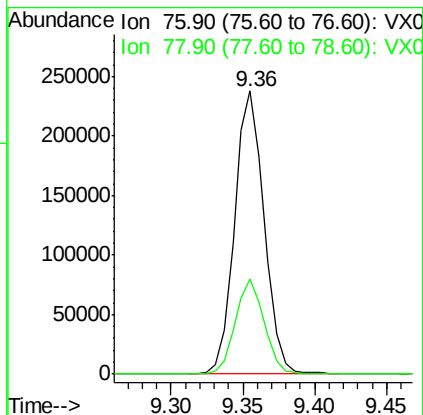
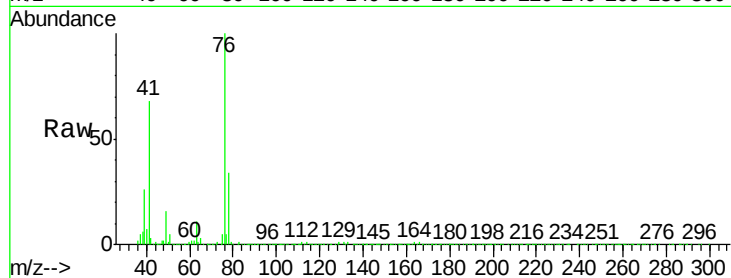
Ion Ratio Lower Upper

76 100

78 33.4 25.8 38.8

Manual Integrations
APPROVED

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#58

2-Chloroethyl Vinyl ether

Concen: 78.804 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. -0.00 min

Lab File: VX015769.D

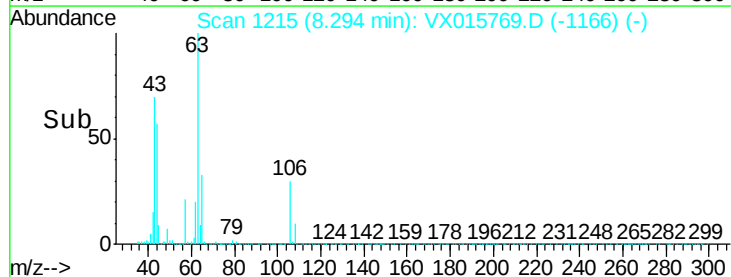
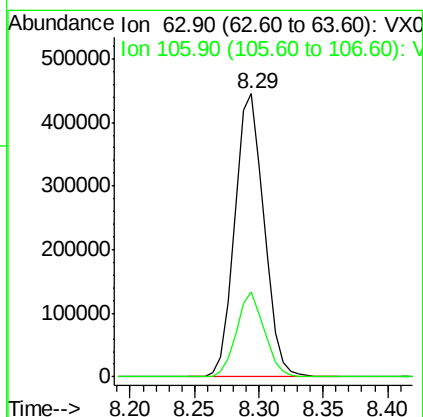
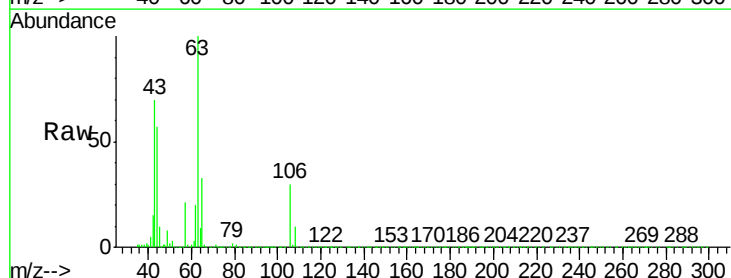
Acq: 20 Apr 2020 16:35

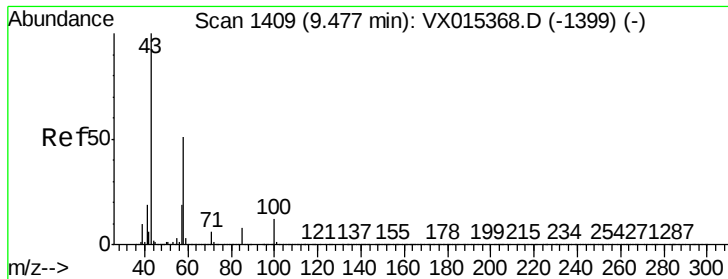
Tgt Ion: 63 Resp: 702317

Ion Ratio Lower Upper

63 100

106 28.7 22.7 34.1





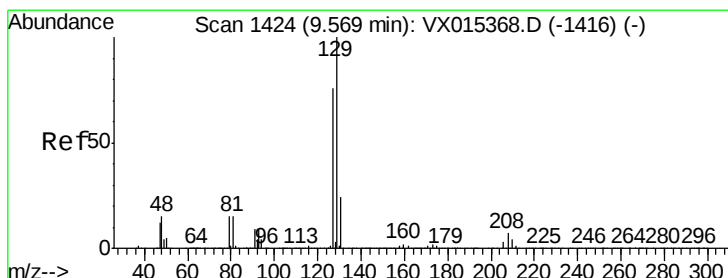
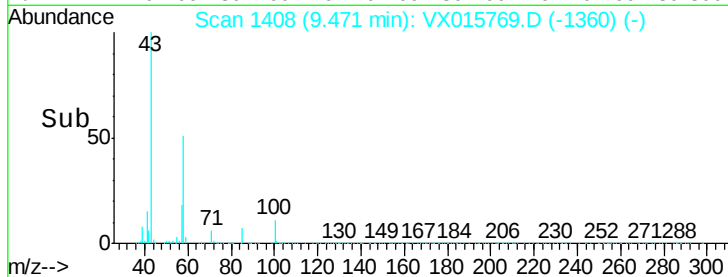
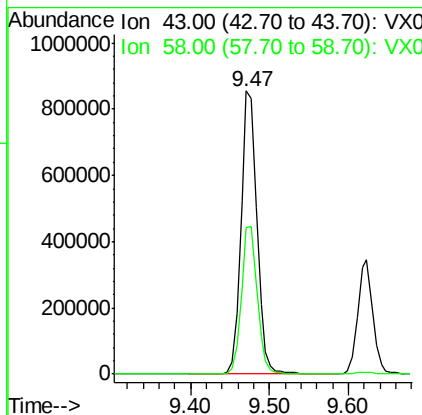
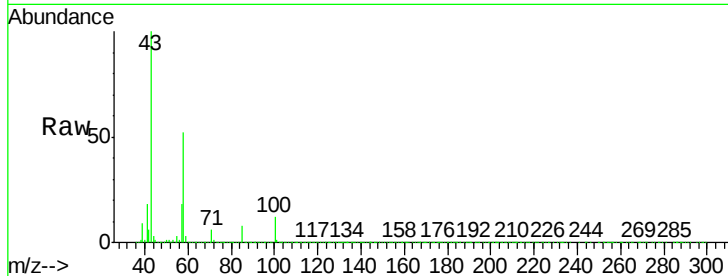
#59
2-Hexanone
Concen: 90.881 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion: 43 Resp: 1200922
Ion Ratio Lower Upper
43 100
58 52.1 25.6 76.6

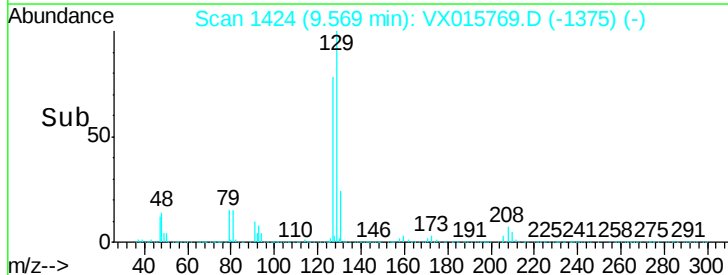
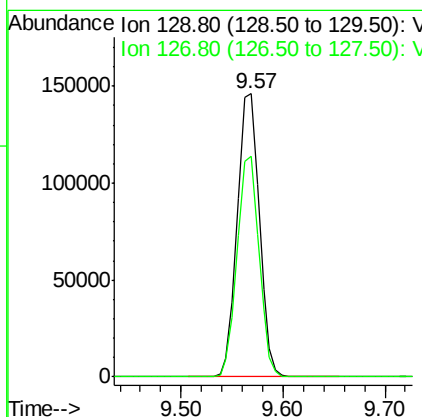
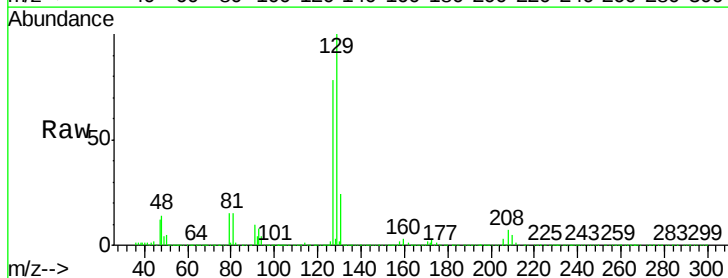
Manual Integrations
APPROVED

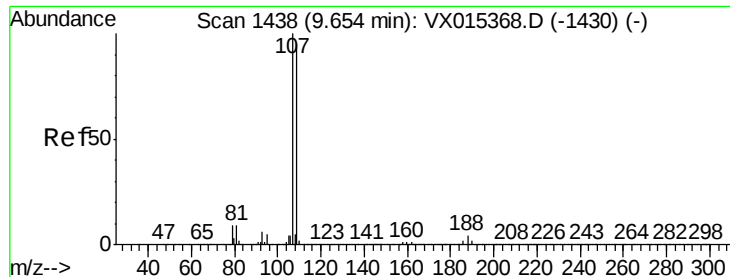
MMDadoda
4/21/2020 12:16:15 PM



#60
Dibromochloromethane
Concen: 17.470 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 129 Resp: 218255
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





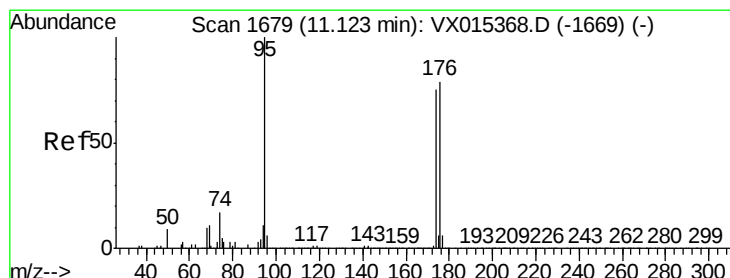
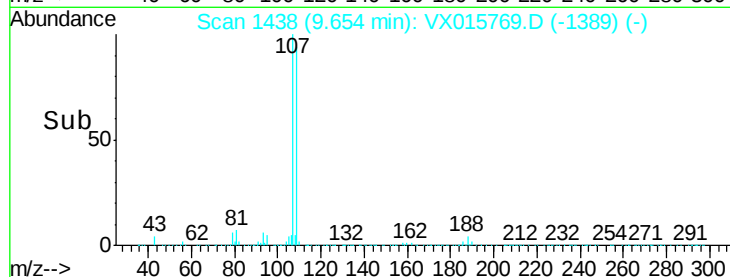
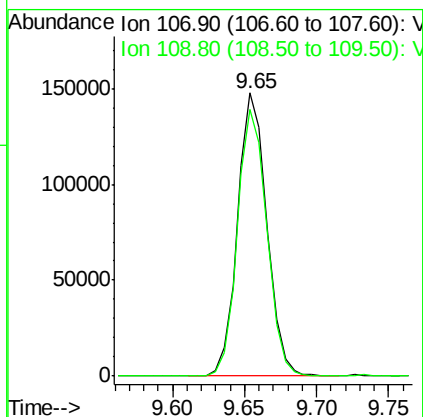
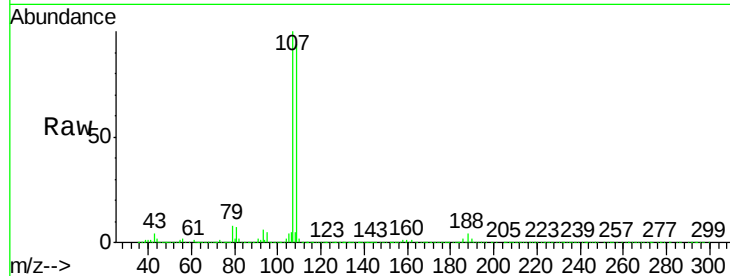
#61
 1,2-Dibromoethane
 Concen: 18.402 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
107	100	208022		
109	94.3	74.8	112.2	

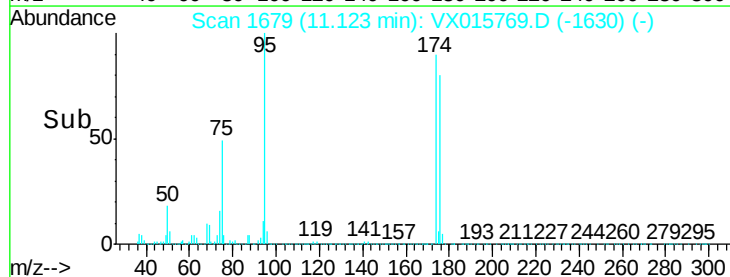
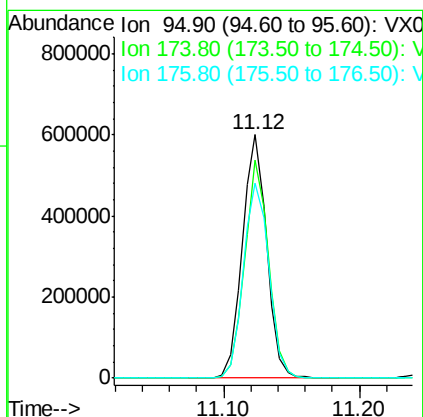
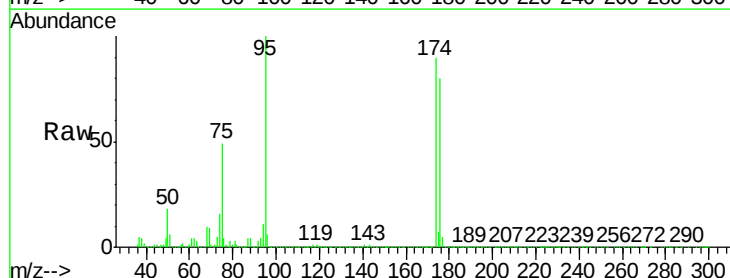
Manual Integrations
 APPROVED

MMDadoda
 4/21/2020 12:16:15 PM



#62
 4-Bromofluorobenzene
 Concen: 50.935 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	742929		
174	89.0	0.0	158.6	
176	84.6	0.0	159.0	





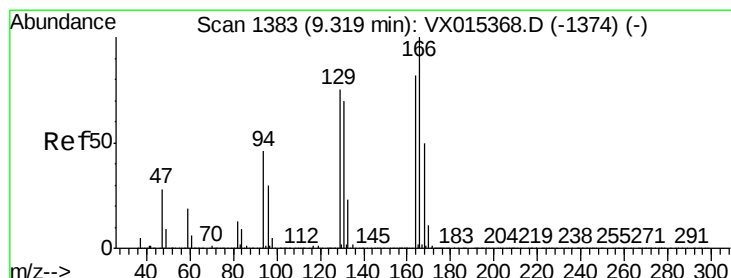
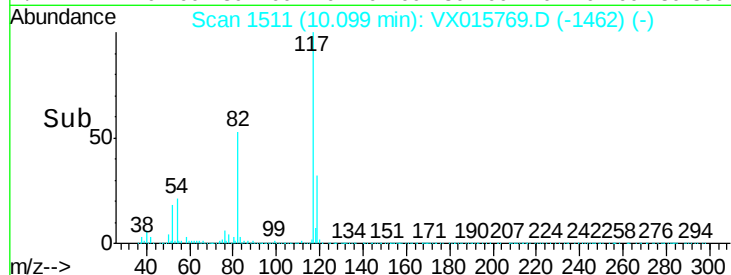
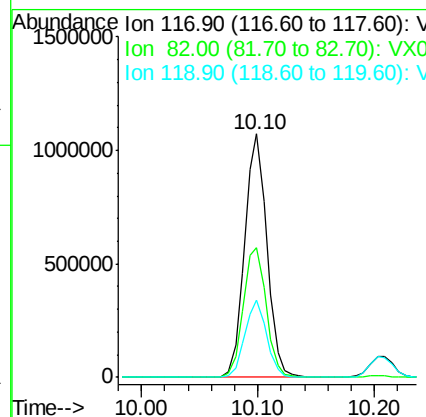
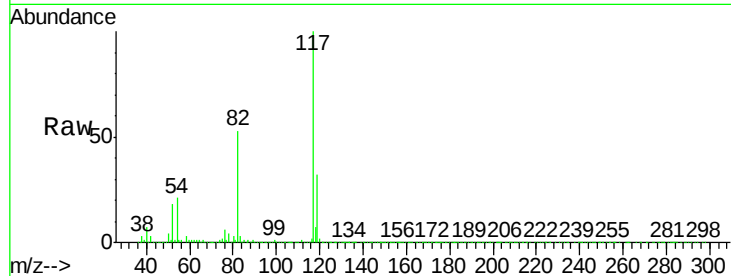
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	47.8	71.8
119	31.9	26.8	40.2

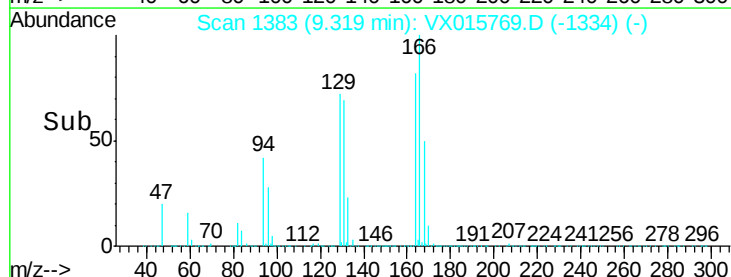
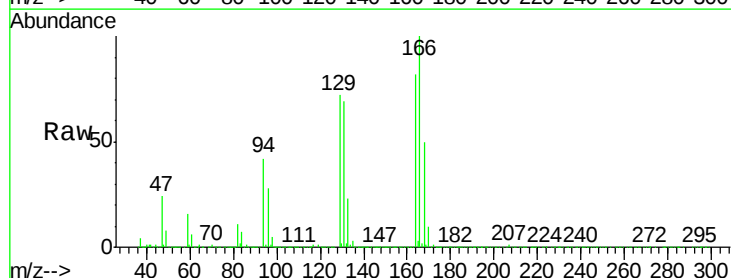
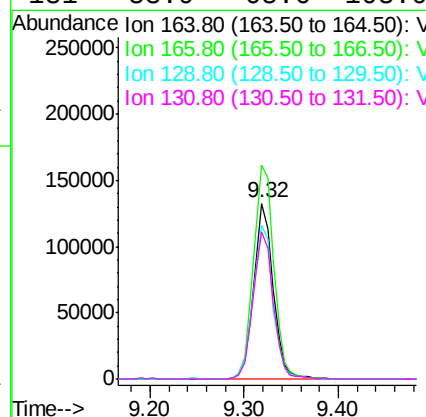
Manual Integrations
APPROVED

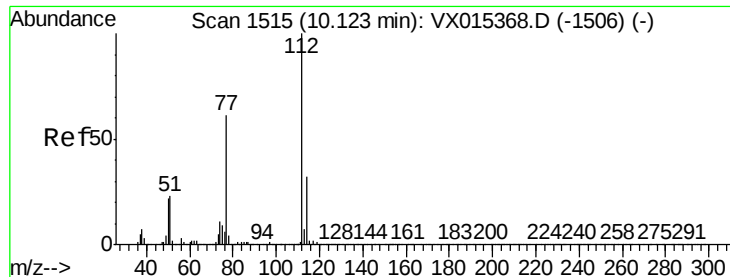
MMDadoda
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#64
Tetrachloroethene
Concen: 17.619 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
164	100		
166	121.5	97.8	146.6
129	87.7	73.0	109.4
131	83.9	68.6	103.0





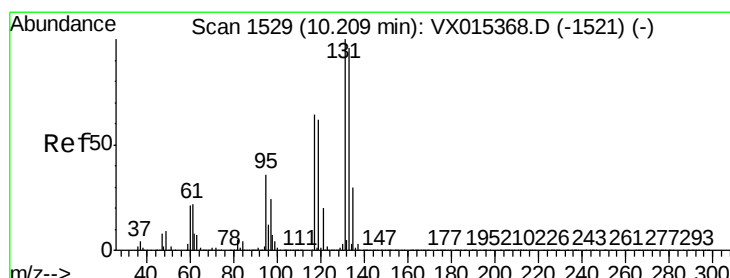
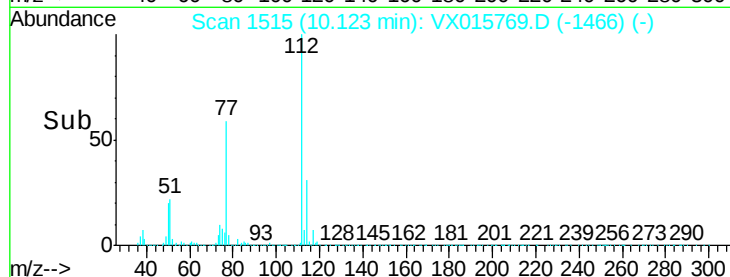
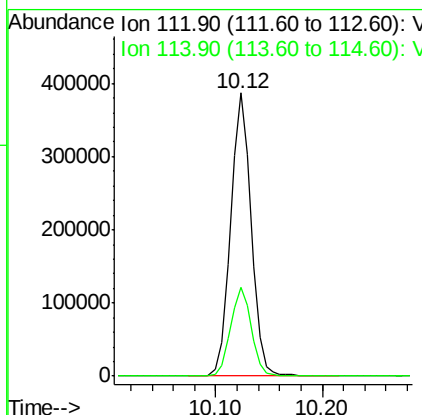
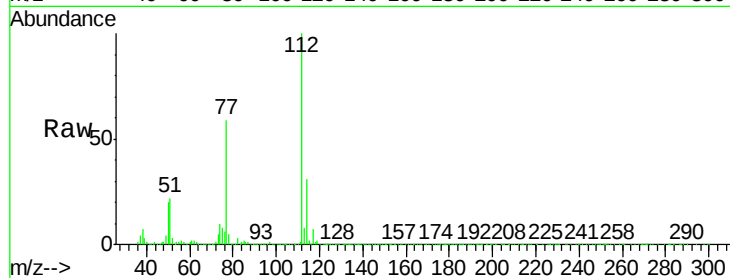
#65
Chlorobenzene
Concen: 18.337 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.4	25.5	38.3

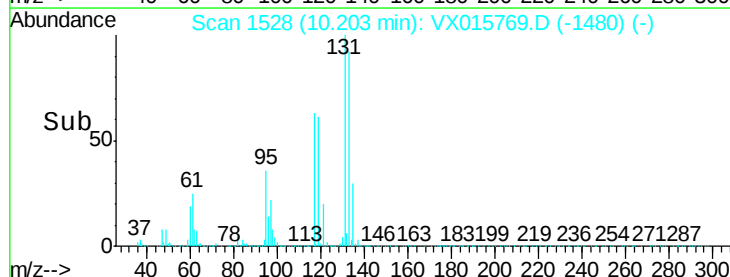
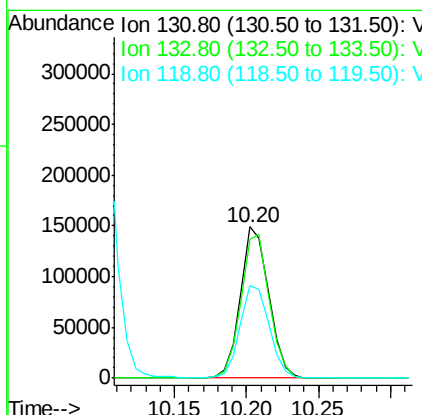
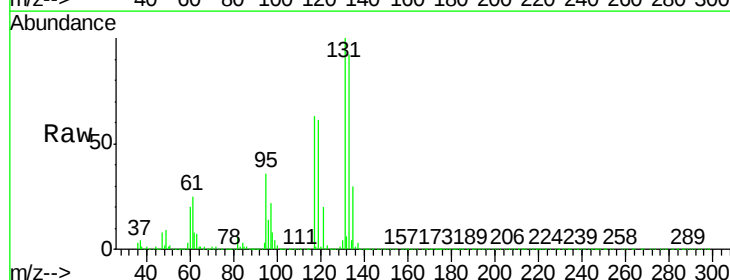
Manual Integrations
APPROVED

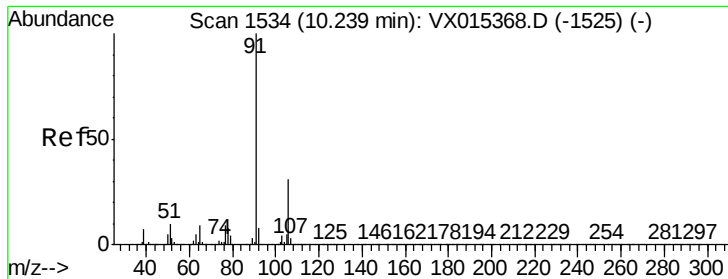
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 17.786 ug/l
RT: 10.20 min Scan# 1528
Delta R.T. -0.01 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.3	47.6	142.9
119	62.5	31.1	93.3





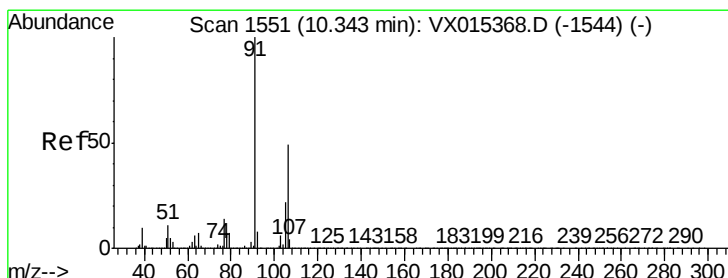
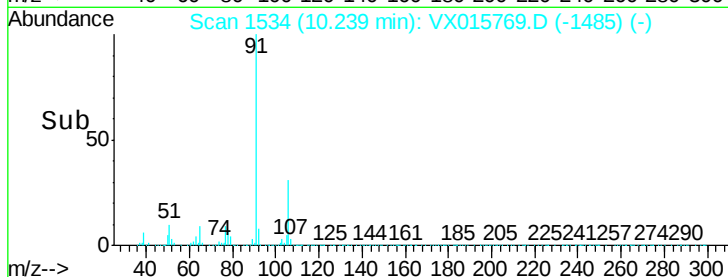
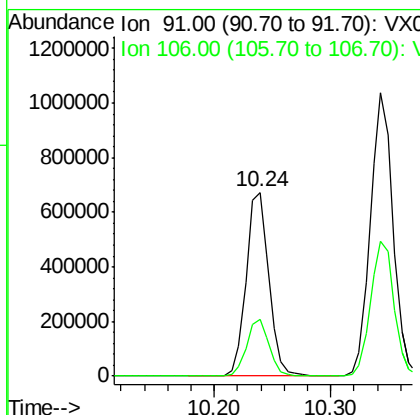
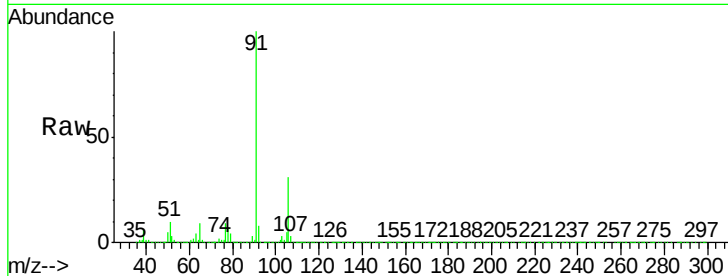
#67
Ethyl Benzene
Concen: 18.110 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion: 91 Resp: 918524
Ion Ratio Lower Upper
91 100
106 31.0 24.8 37.2

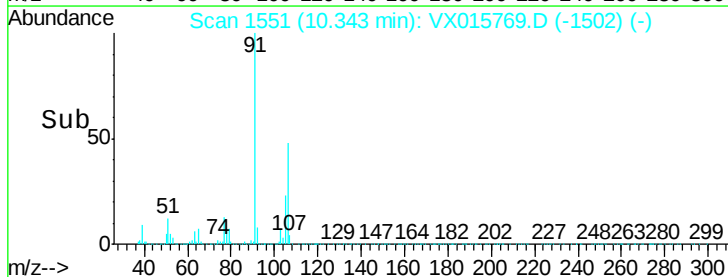
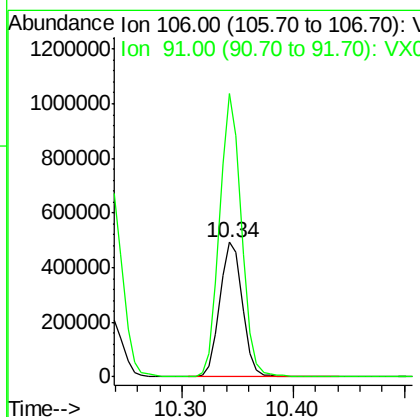
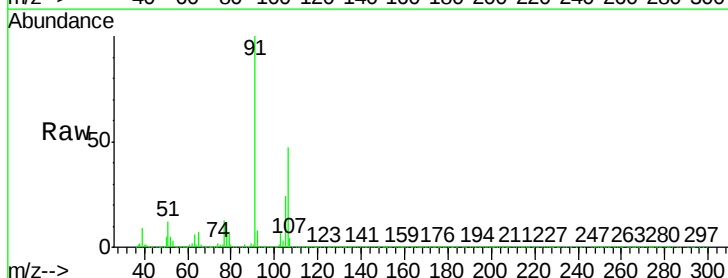
Manual Integrations
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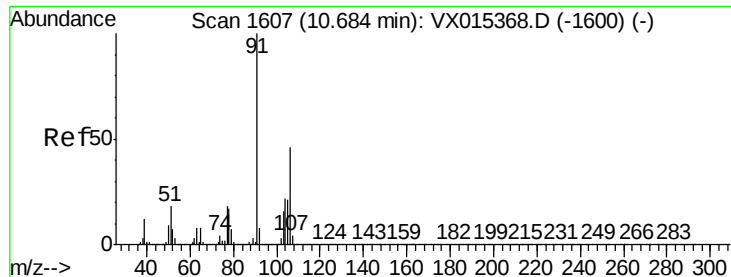
MMDadoda
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#68
m/p-Xylenes
Concen: 36.756 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion: 106 Resp: 694187
Ion Ratio Lower Upper
106 100
91 202.6 163.4 245.0





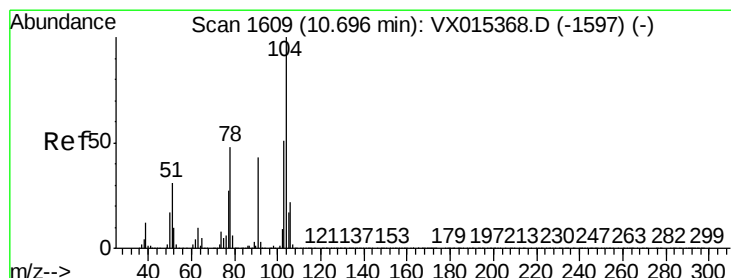
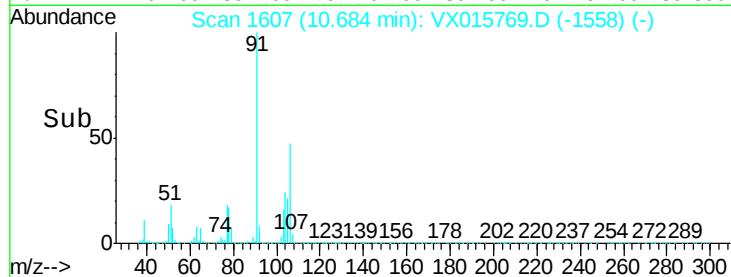
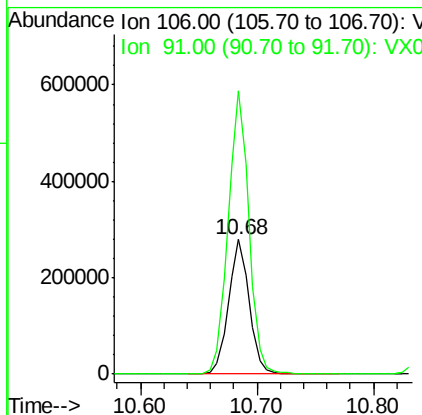
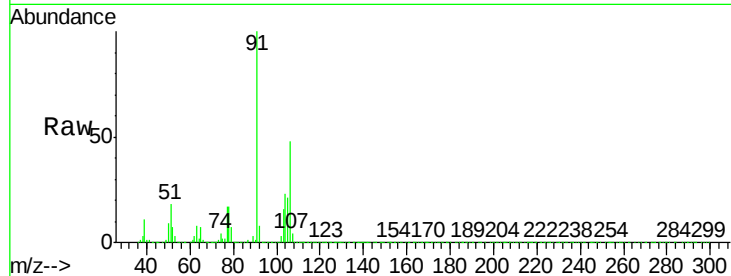
#69
o-Xylene
Concen: 18.311 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.2	107.1	321.3

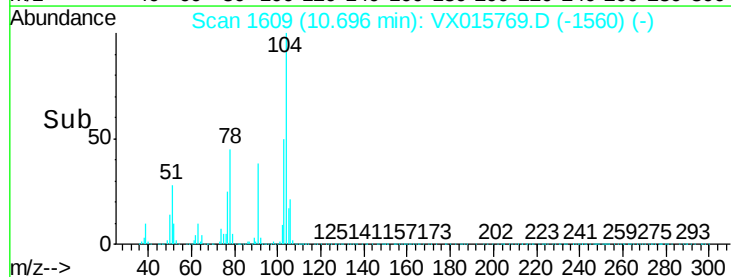
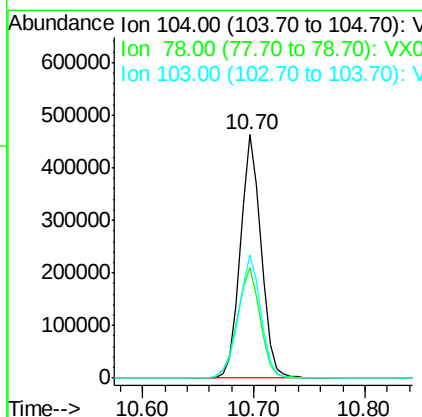
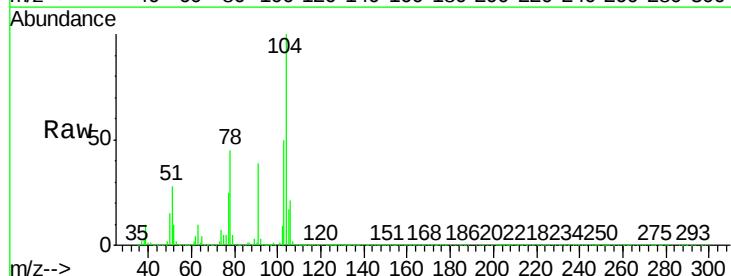
Manual Integrations
APPROVED

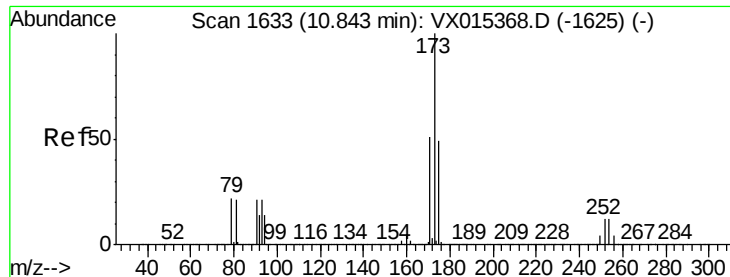
MMDadoda
4/21/2020 12:16:15 PM



#70
Styrene
Concen: 18.176 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.1	42.0	63.0
103	53.9	43.4	65.0





#71

Bromoform

Concen: 16.264 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampled :

VX0420WBSD01

Tot Ion:173 Resp: 169157

Ion Ratio Lower Upper

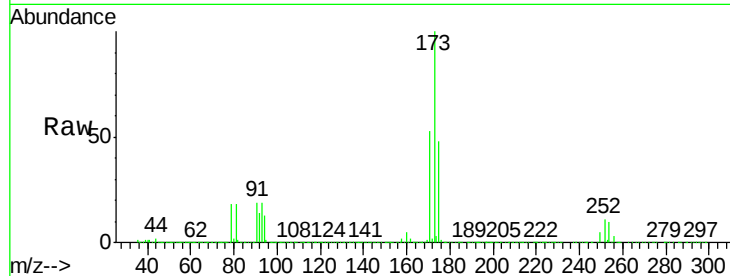
173 100

175 49.1 23.9 71.7

254 0.3 0.1 0.1#

Manual Integrations
APPROVED

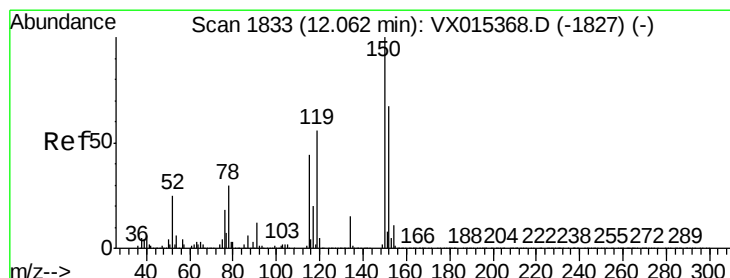
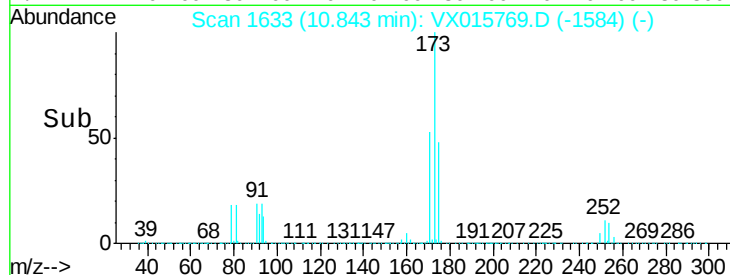
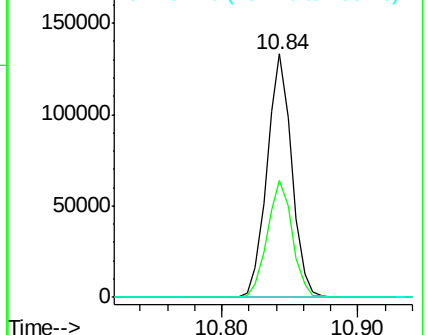
MMDadoda
4/21/2020 12:16:15 PM



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: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

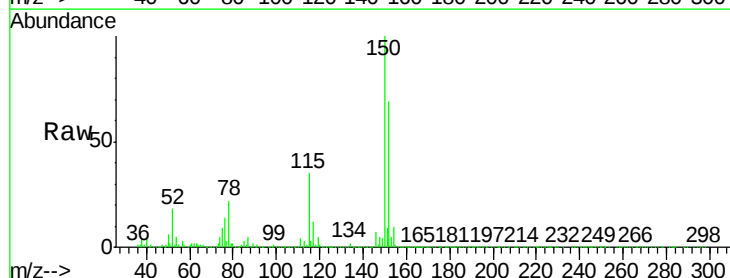
Tgt Ion:152 Resp: 758670

Ion Ratio Lower Upper

152 100

115 64.6 39.0 116.9

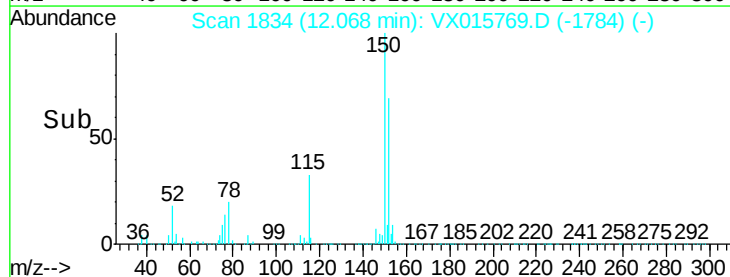
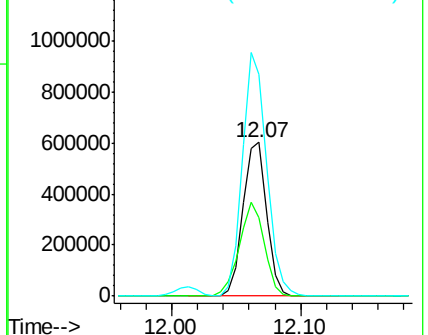
150 162.8 0.0 340.8

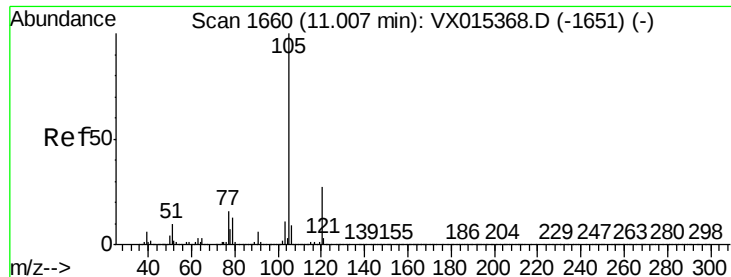


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 18.304 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 105 Resp: 909892

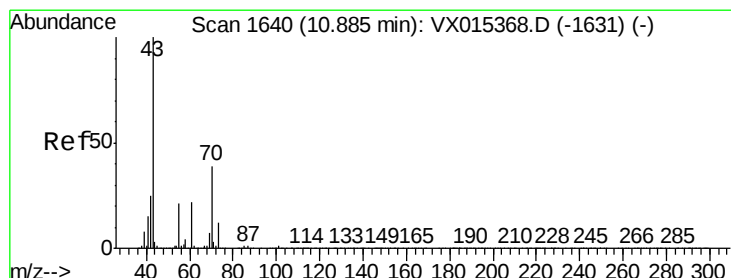
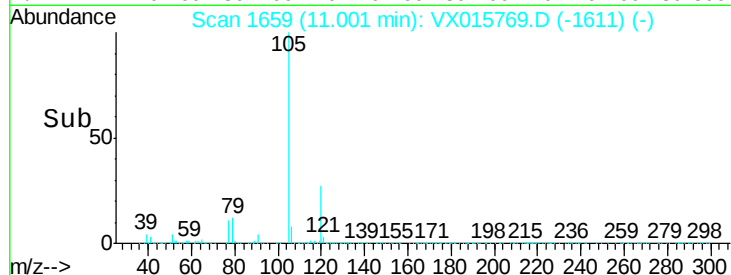
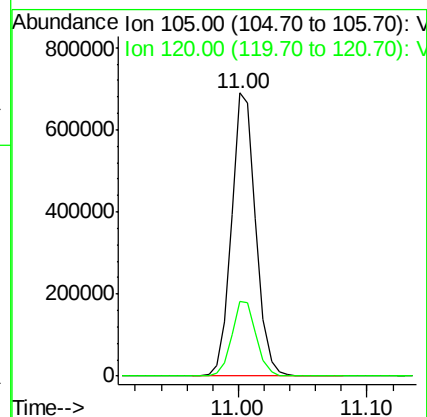
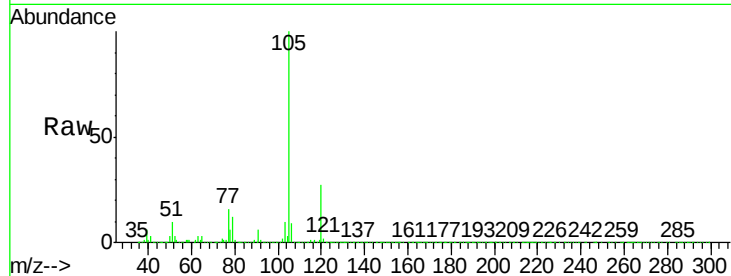
Ion Ratio Lower Upper

105 100

120 26.7 13.2 39.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 16.893 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion: 43 Resp: 467038

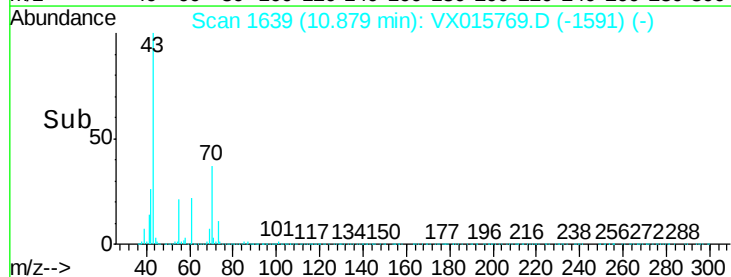
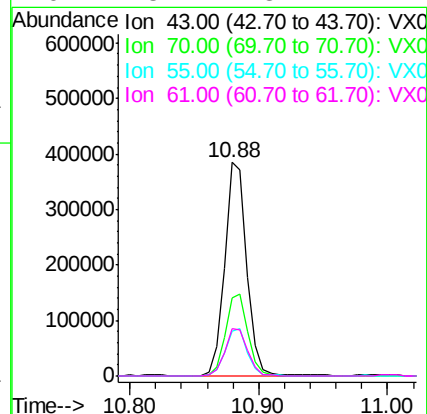
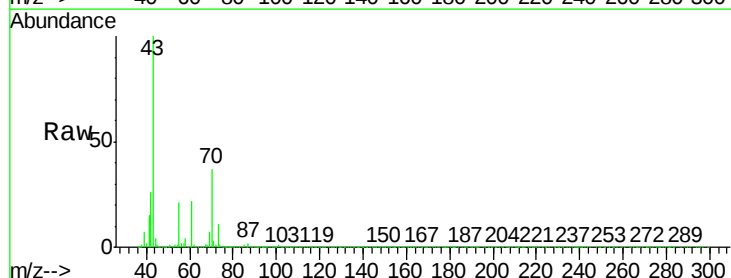
Ion Ratio Lower Upper

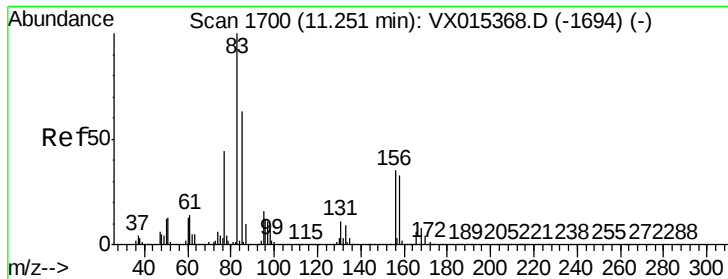
43 100

70 38.7 30.2 45.4

55 22.0 16.8 25.2

61 23.2 18.2 27.2





#75

1,1,2,2-Tetrachloroethane

Concen: 18.072 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

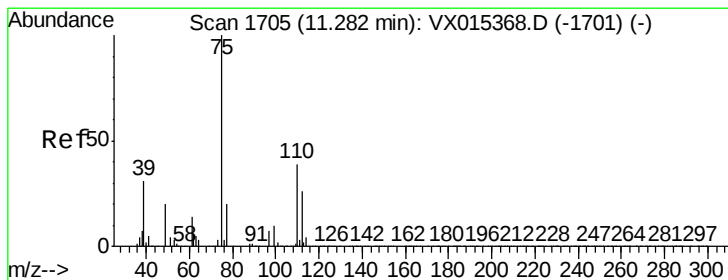
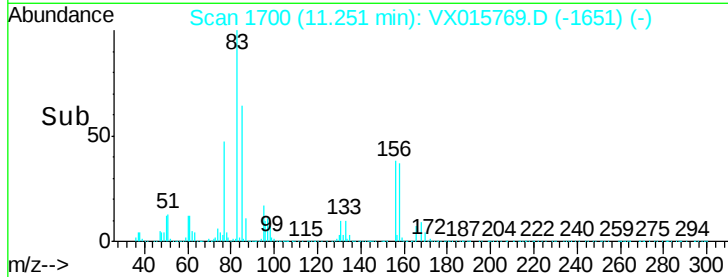
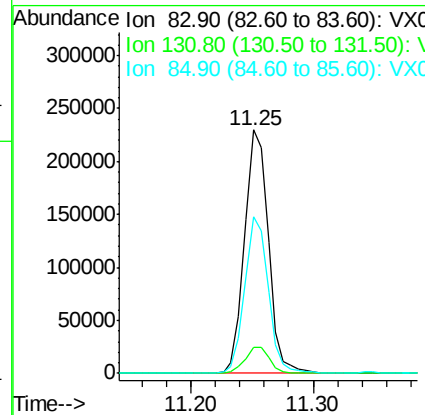
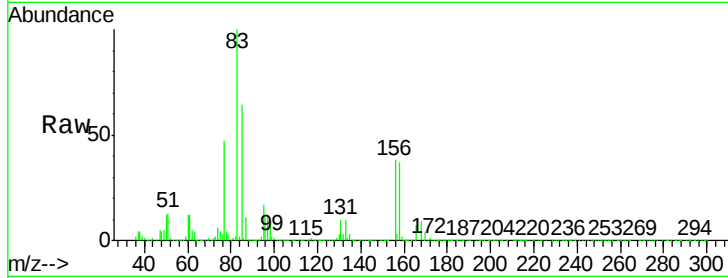
ClientSampleId :

VX0420WBSD01

Tot Ion:	83	Resp:	308263
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.3	16.1
85	63.3	32.0	96.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 17.337 ug/l m

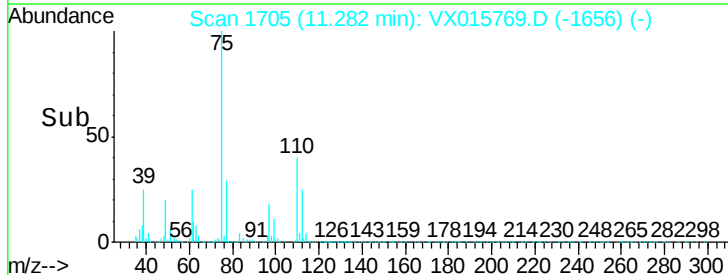
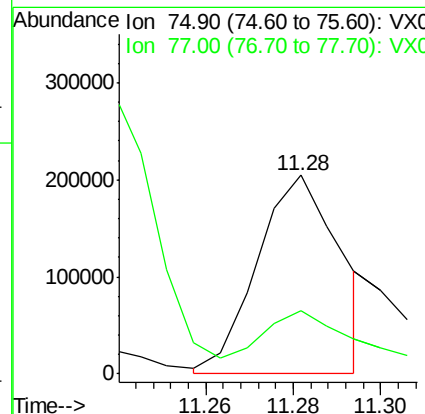
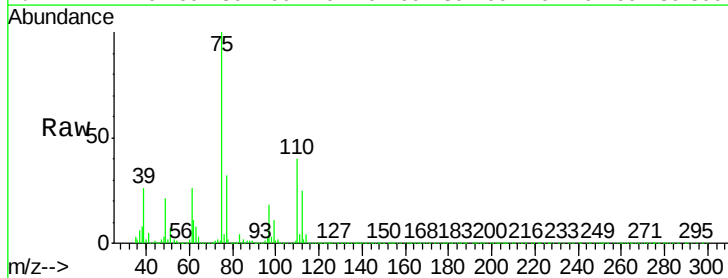
RT: 11.28 min Scan# 1705

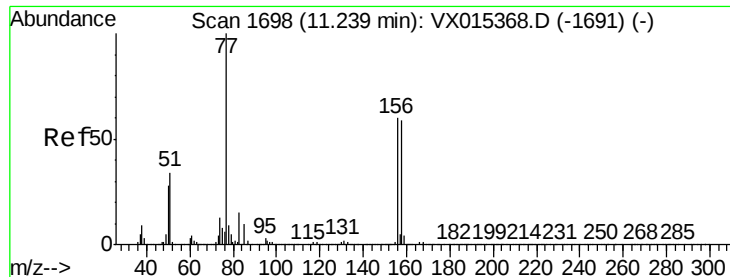
Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	75	Resp:	270485
Ion Ratio	Lower	Upper	
75	100		
77	38.6	21.2	63.6





#77

Bromobenzene

Concen: 18.825 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

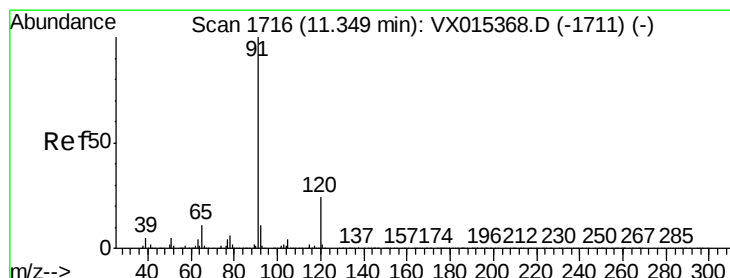
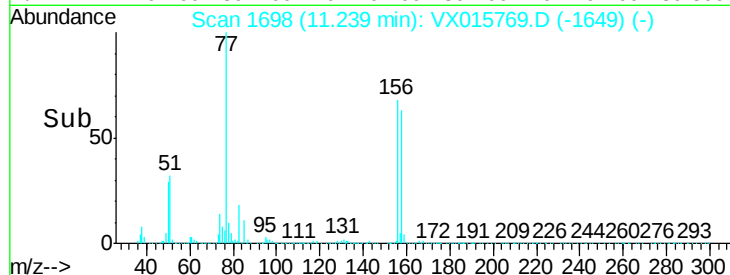
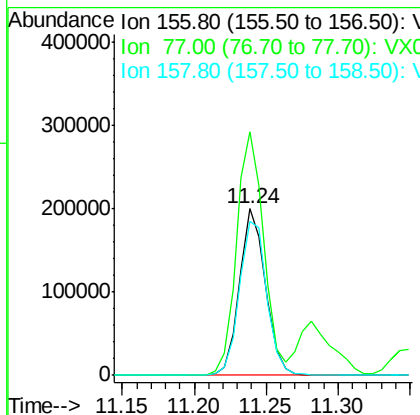
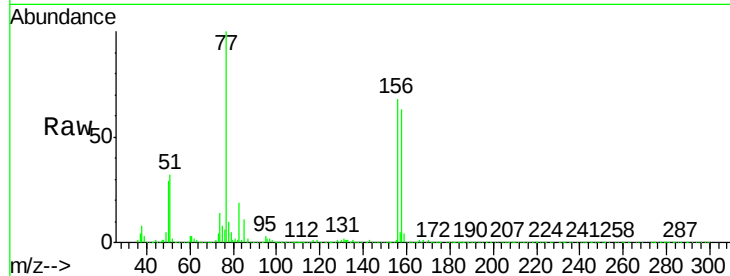
ClientSampleId :

VX0420WBSD01

Tot Ion:	156	Resp:	249615
Ion Ratio	Lower	Upper	
156	100		
77	153.4	82.2	246.5
158	97.4	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 18.305 ug/l

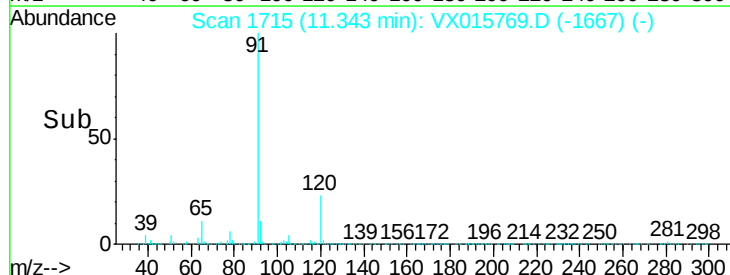
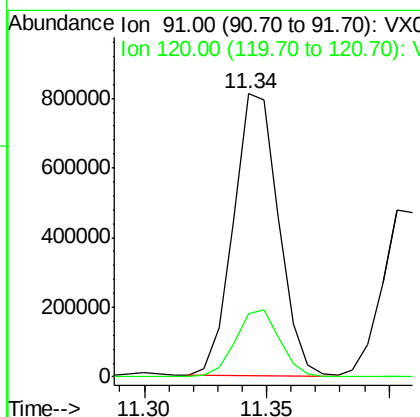
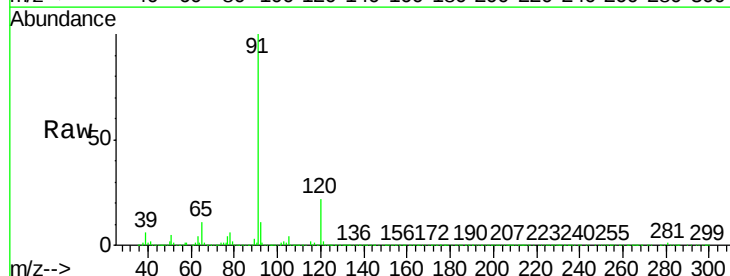
RT: 11.34 min Scan# 1715

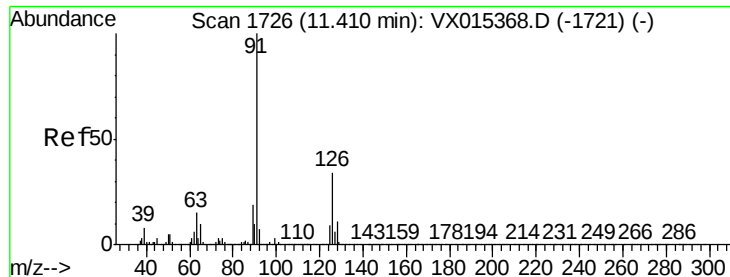
Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	91	Resp:	1040467
Ion Ratio	Lower	Upper	
91	100		
120	23.5	11.7	35.0





#79

2-Chlorotoluene

Concen: 17.851 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion: 91 Resp: 621913

Ion Ratio Lower Upper

91 100

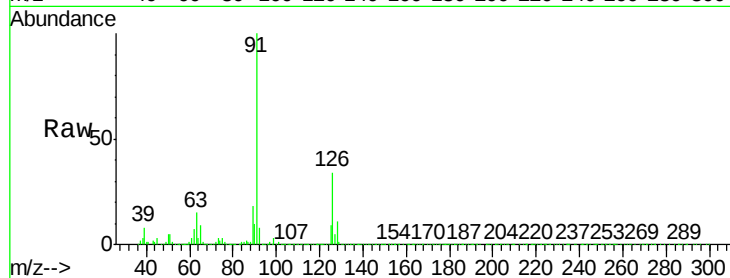
126 34.7 16.5 49.5

Manual Integrations

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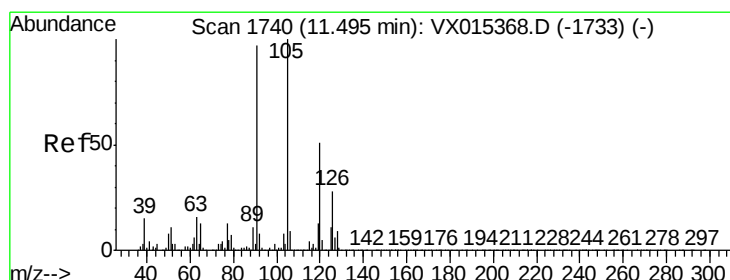
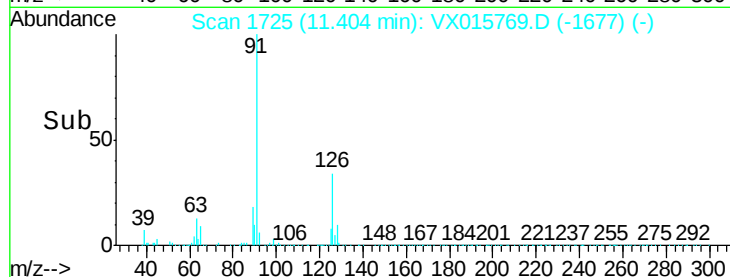
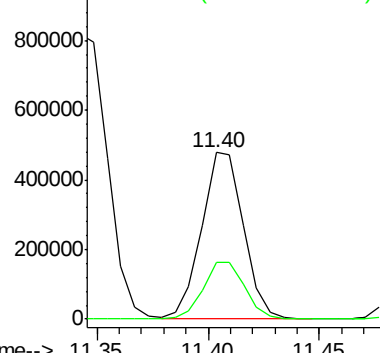
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 18.500 ug/l

RT: 11.49 min Scan# 1739

Delta R.T. -0.01 min

Lab File: VX015769.D

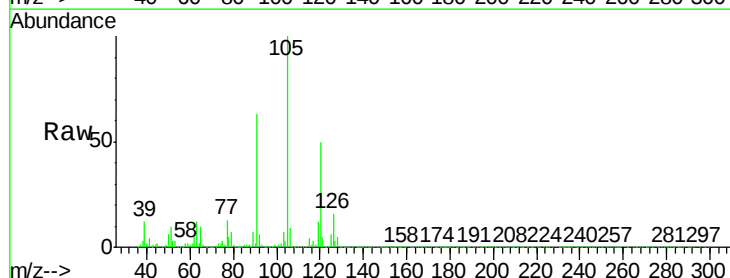
Acq: 20 Apr 2020 16:35

Tgt Ion: 105 Resp: 785406

Ion Ratio Lower Upper

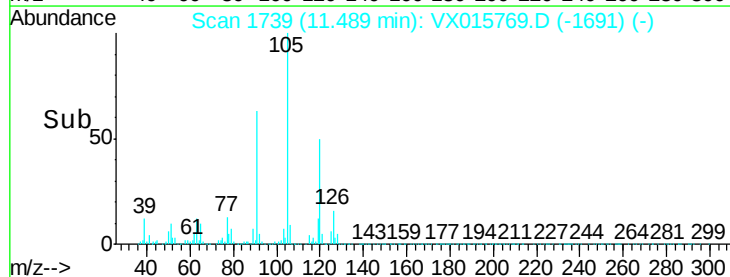
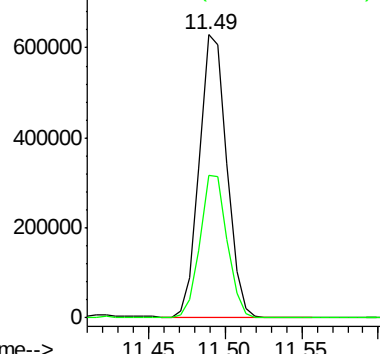
105 100

120 50.0 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





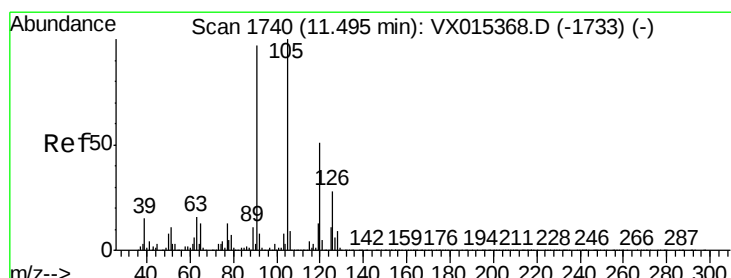
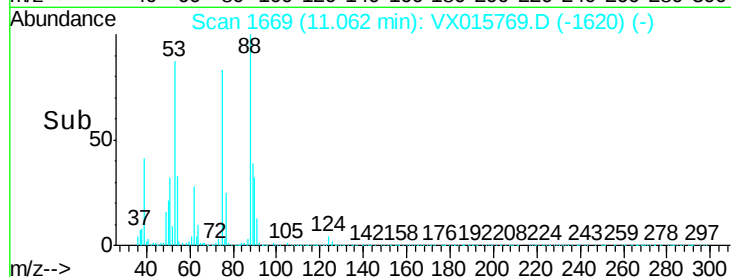
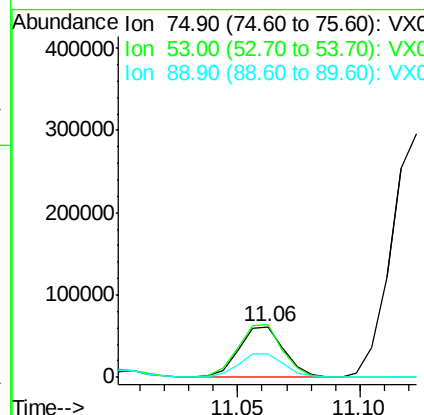
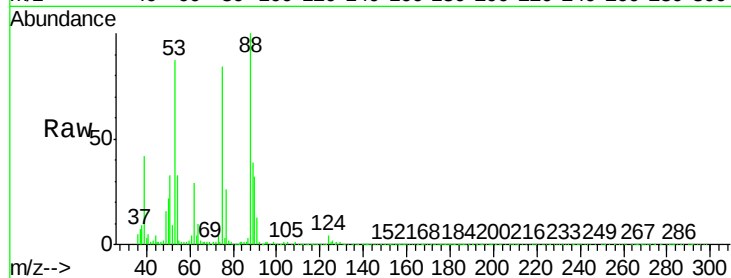
#81
trans-1,4-Dichloro-2-butene
Concen: 12.118 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
75	100		
53	101.8	80.1	120.1
89	47.9	36.1	54.1

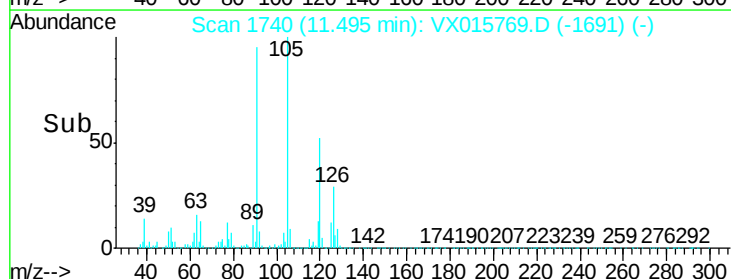
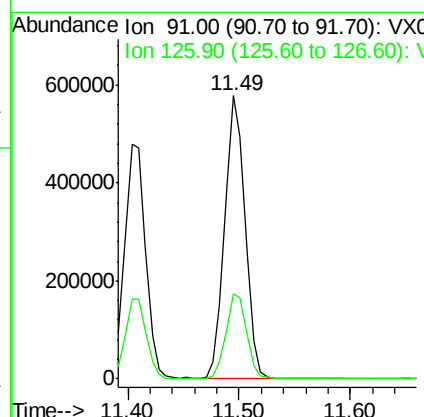
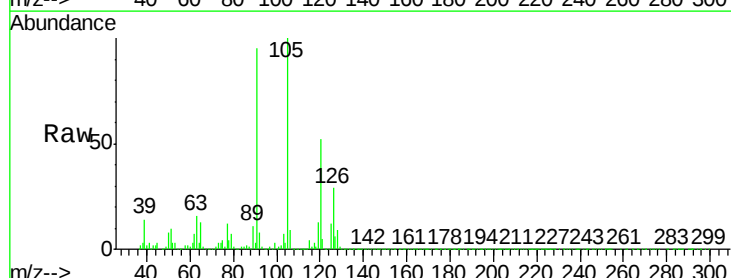
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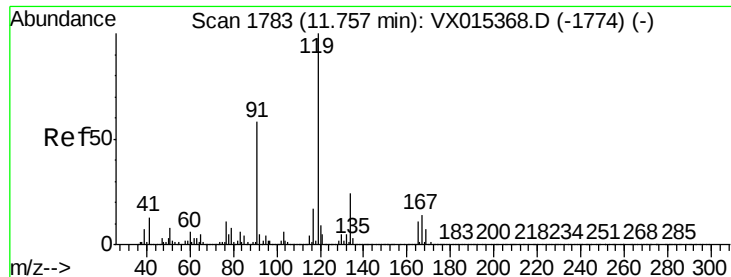
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#82
4-Chlorotoluene
Concen: 17.957 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
91	100		
126	30.2	14.7	44.1





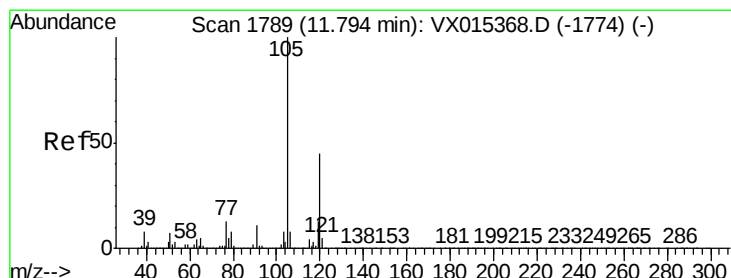
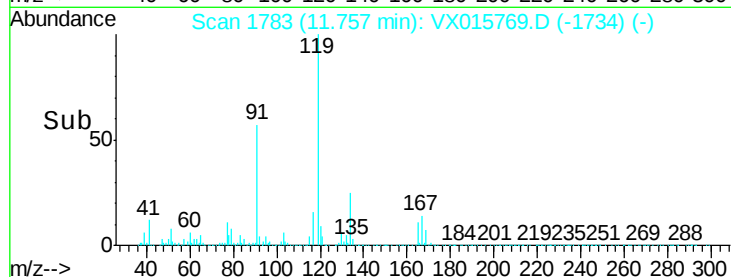
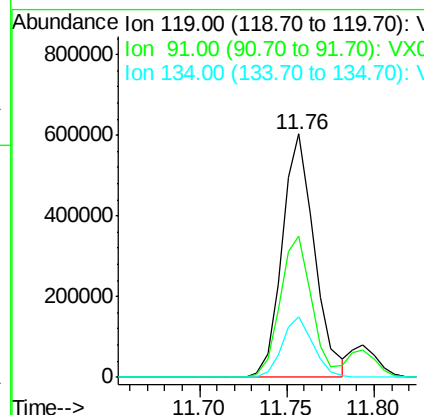
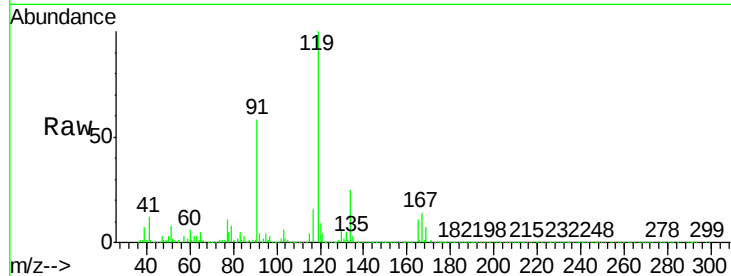
#83
tert-Butylbenzene
Concen: 18.675 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
119	100		
91	56.2	28.6	85.8
134	24.1	11.8	35.3

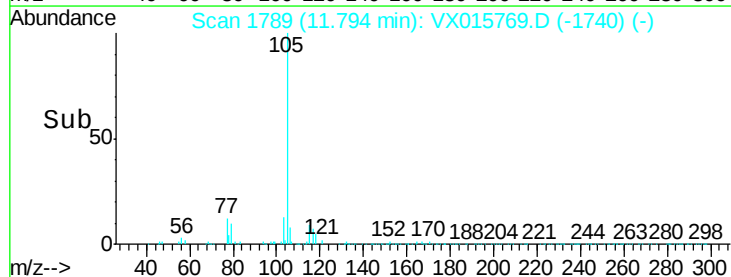
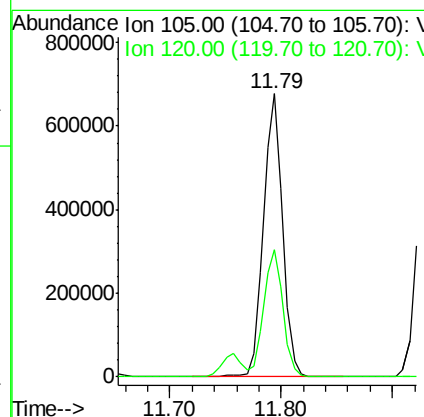
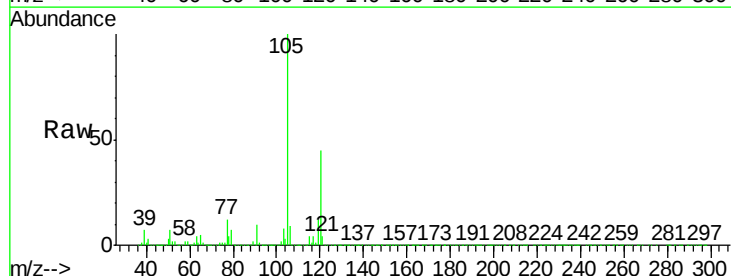
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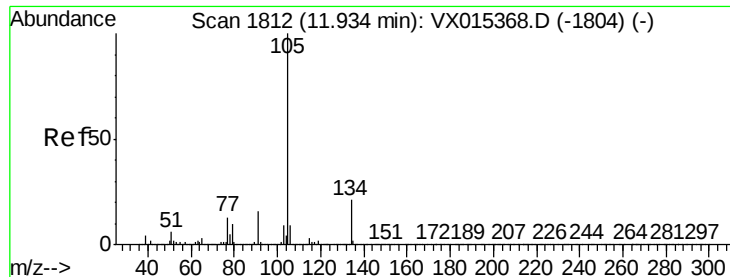
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#84
1,2,4-Trimethylbenzene
Concen: 18.736 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.7	68.1





#85

sec-Butylbenzene

Concen: 18.471 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

ClientSampleId :

VX0420WBSD01

Tot Ion:105 Resp: 885846

Ion Ratio Lower Upper

105 100

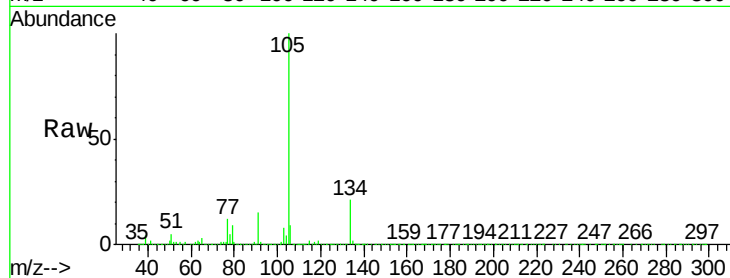
134 20.6 10.4 31.1

Manual Integrations

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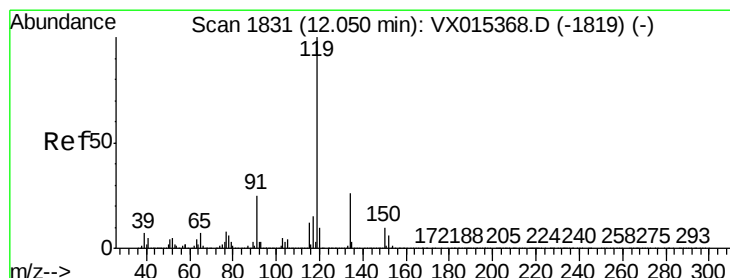
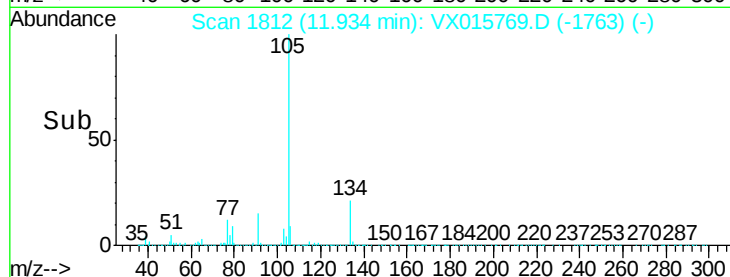
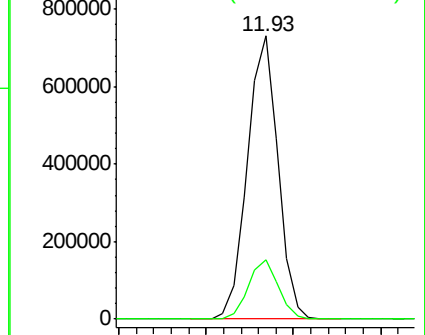
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.370 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

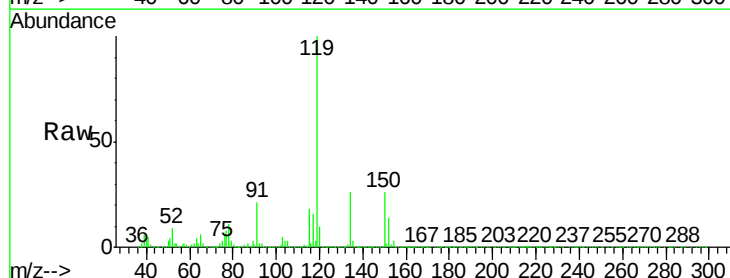
Tgt Ion:119 Resp: 862421

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

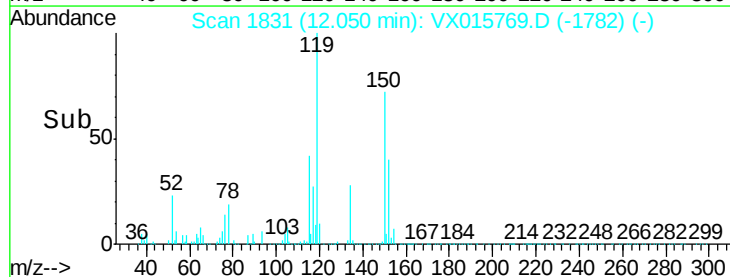
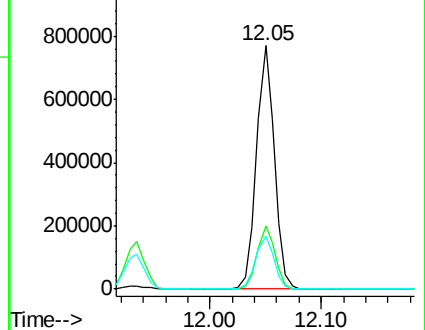
91 22.4 12.4 37.4

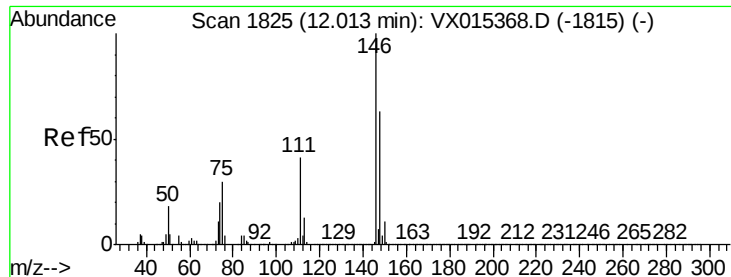


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 18.757 ug/l

RT: 12.01 min Scan# 1825

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

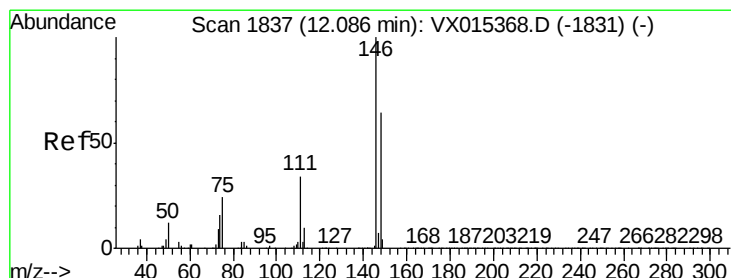
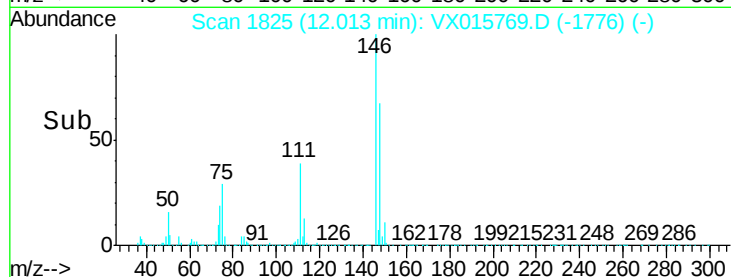
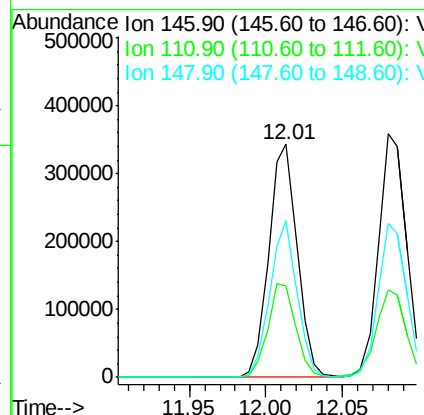
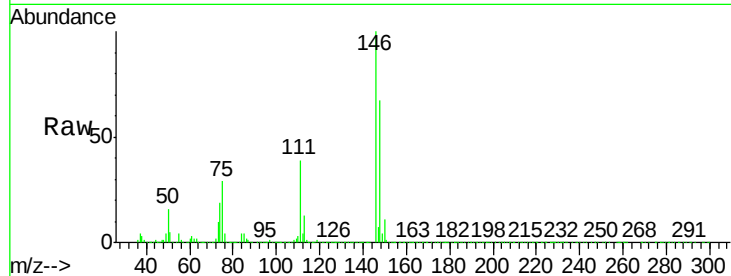
Instrument :
MSVOA_X

ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	64.4	31.3	93.9

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.780 ug/l

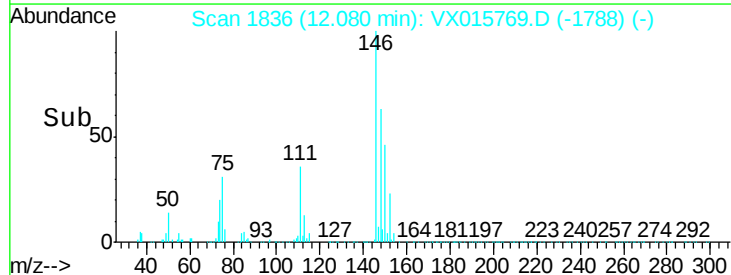
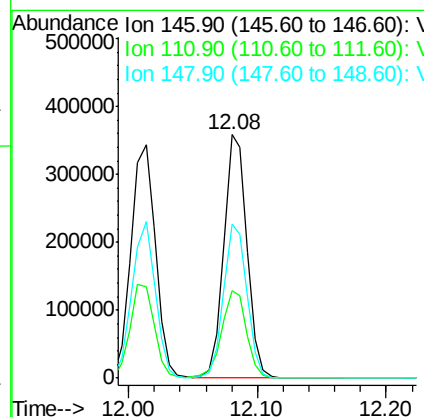
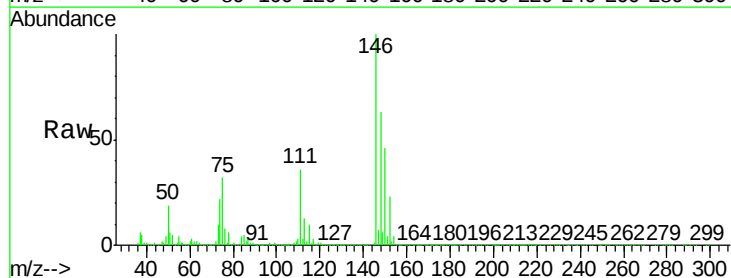
RT: 12.08 min Scan# 1836

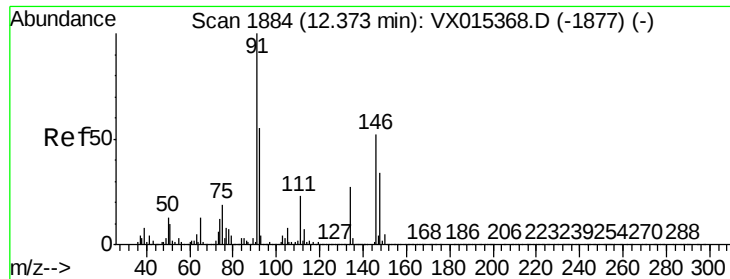
Delta R.T. -0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.1	57.5
148	64.4	32.4	97.2





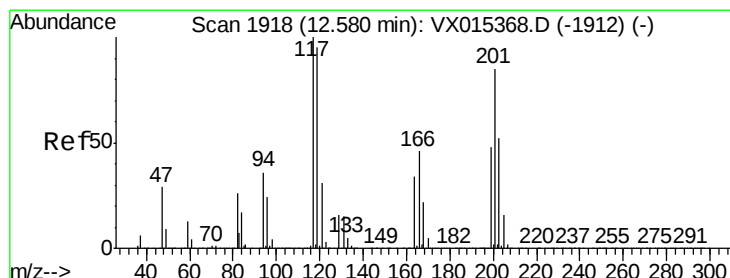
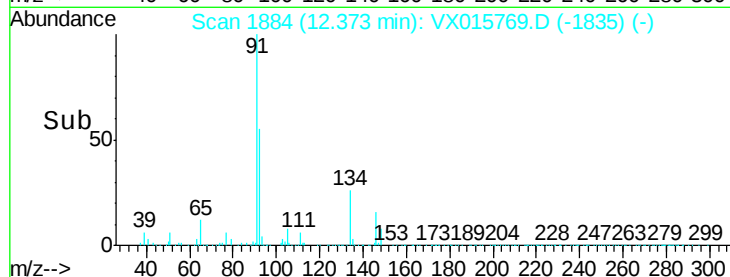
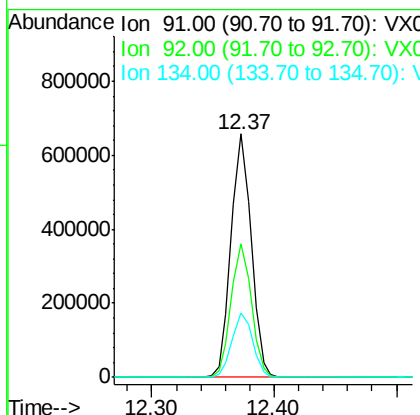
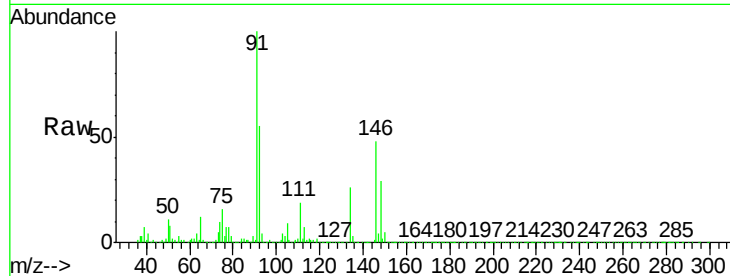
#89
n-Butylbenzene
Concen: 18.590 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
91	100		
92	55.0	27.2	81.5
134	27.2	13.4	40.2

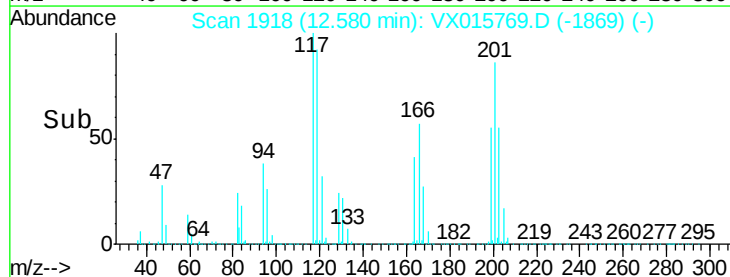
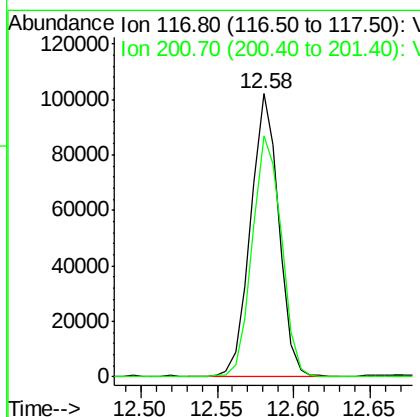
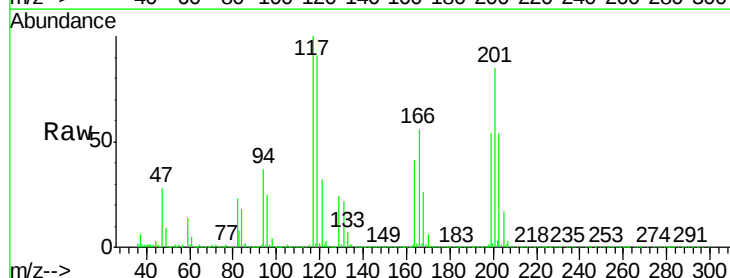
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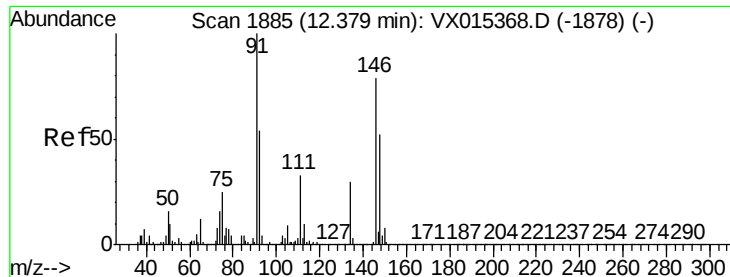
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#90
Hexachloroethane
Concen: 14.999 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
117	100		
201	88.9	42.6	128.0





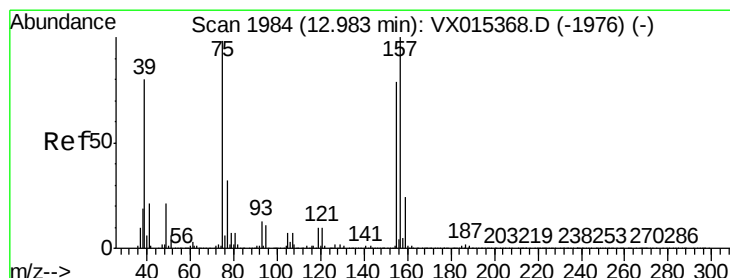
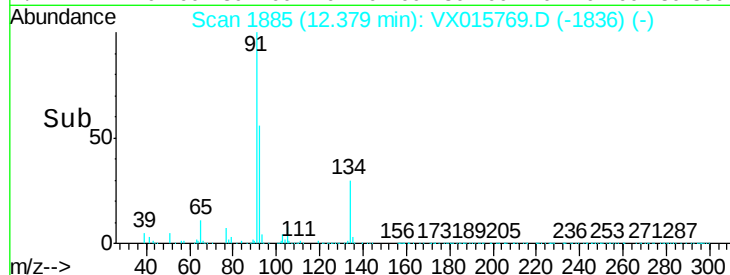
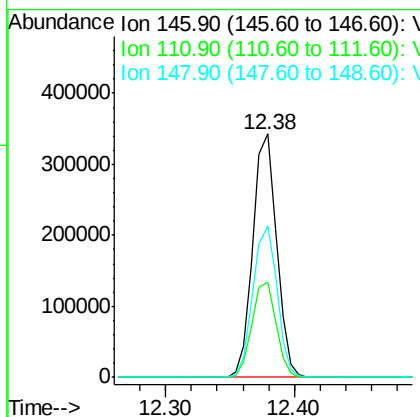
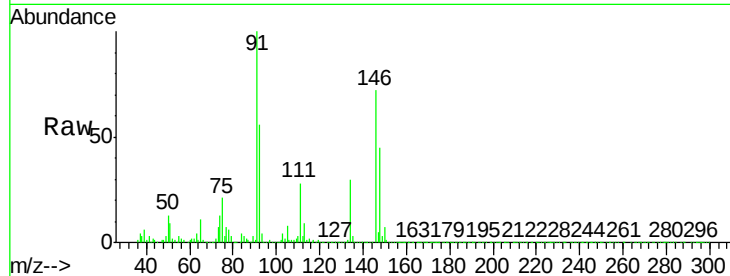
#91
 1,2-Dichlorobenzene
 Concen: 18.695 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0420WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	21.0	63.0
148	62.7	32.4	97.0

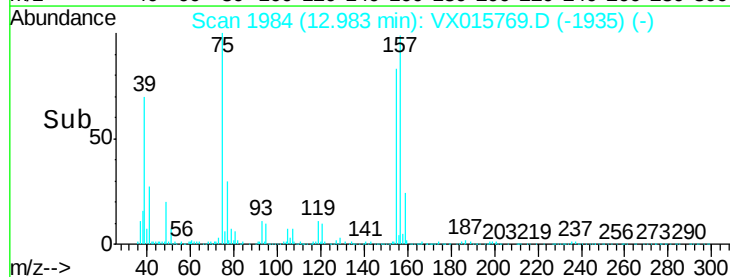
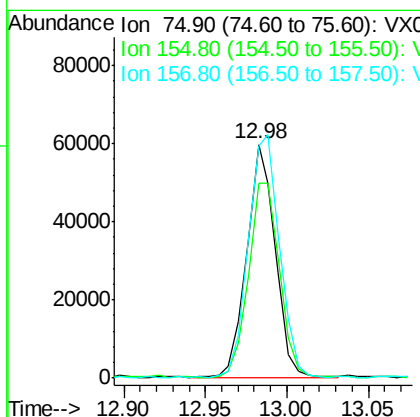
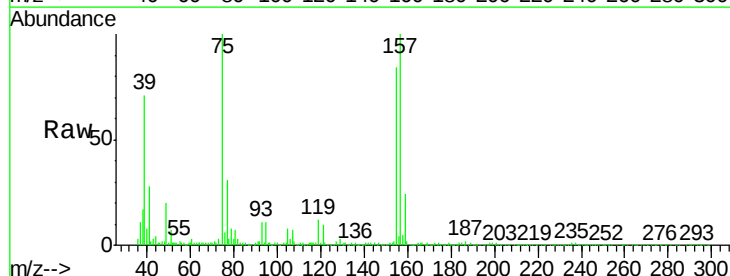
Manual Integrations
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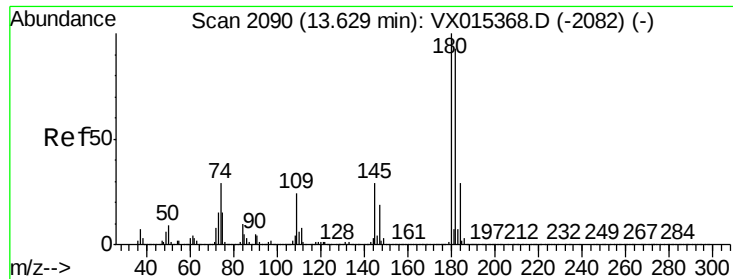
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 4/21/2020 12:16:15 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.330 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. -0.00 min
 Lab File: VX015769.D
 Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.1	42.8	128.4
157	112.1	53.4	160.3





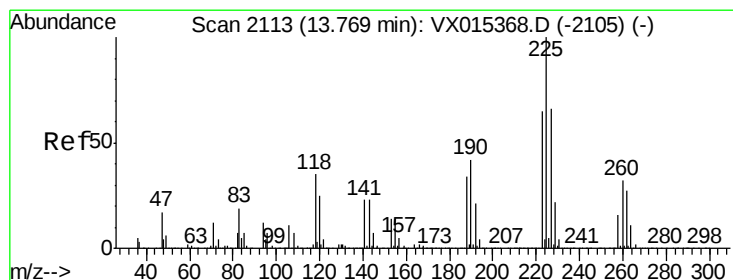
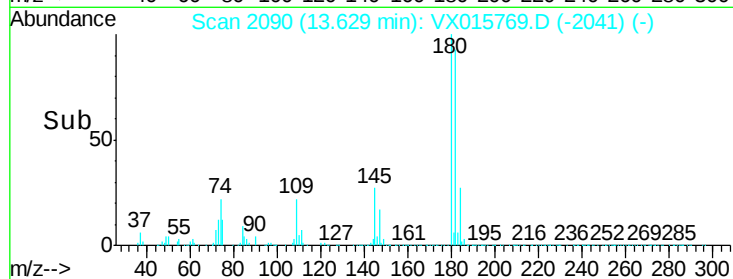
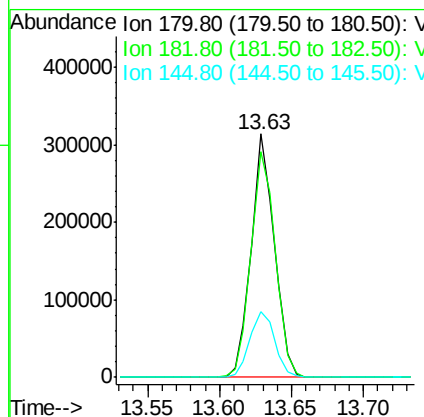
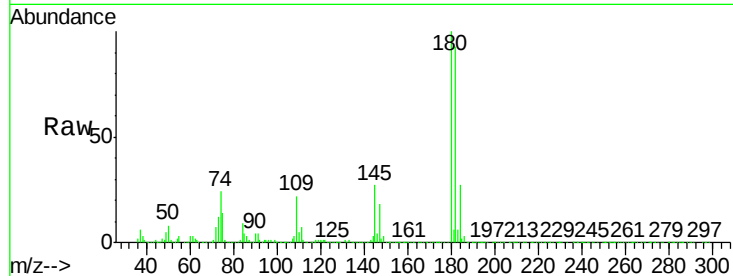
#93
1,2,4-Trichlorobenzene
Concen: 18.930 ug/l
RT: 13.63 min Scan# 2090
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Instrument :
MSVOA_X
ClientSampleId :
VX0420WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	347837		
182	97.2	46.9	140.7	
145	28.9	14.9	44.5	

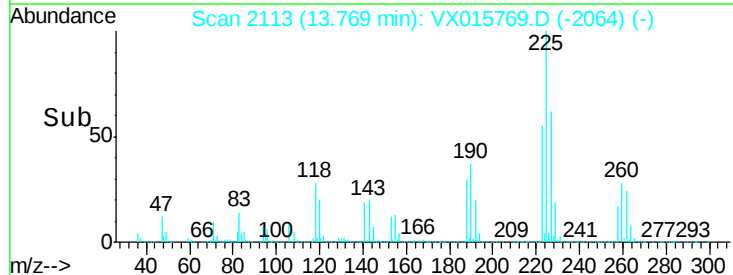
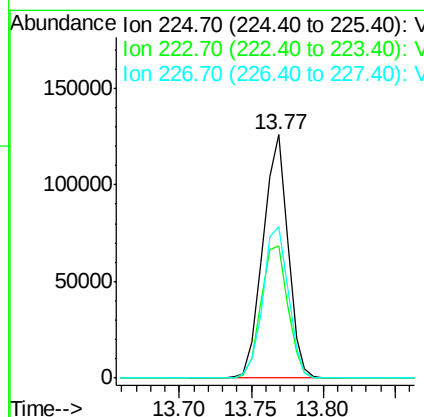
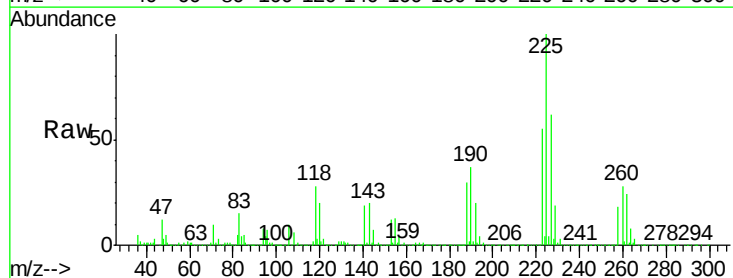
Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:15 PM



#94
Hexachlorobutadiene
Concen: 17.169 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015769.D
Acq: 20 Apr 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	150199		
223	58.8	31.9	95.7	
227	64.0	30.4	91.3	





#95

Naphthalene

Concen: 18.736 ug/l

RT: 13.82 min Scan# 2121

Delta R.T. 0.00 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Instrument :

MSVOA_X

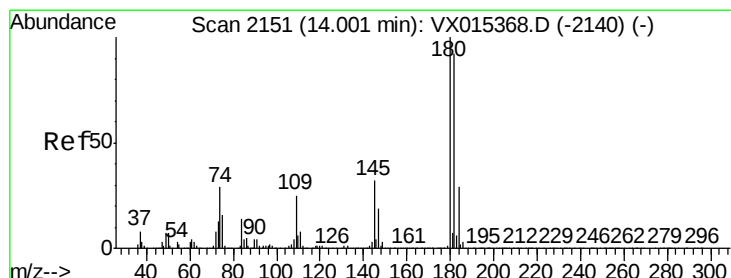
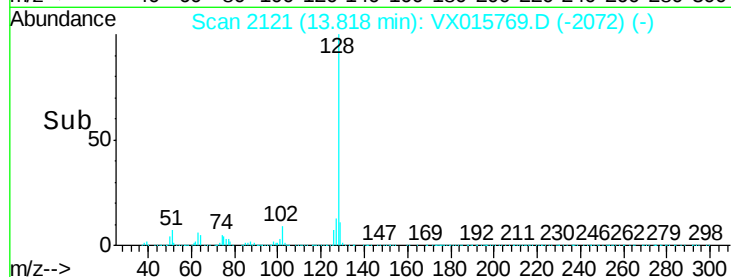
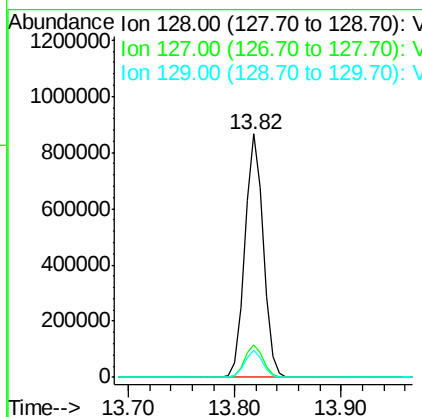
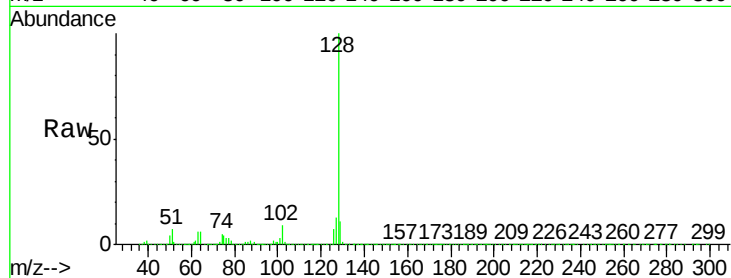
ClientSampleId :

VX0420WBSD01

Tot Ion:	128	Resp:	1050153
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	10.9	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/21/2020 12:16:15 PM



#96

1,2,3-Trichlorobenzene

Concen: 18.993 ug/l

RT: 14.01 min Scan# 2152

Delta R.T. 0.01 min

Lab File: VX015769.D

Acq: 20 Apr 2020 16:35

Tgt Ion:	180	Resp:	336008
Ion	Ratio	Lower	Upper
180	100		
182	97.2	46.7	140.0
145	32.0	15.8	47.3

