

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040720\
 Data File : VX015542.D
 Acq On : 07 Apr 2020 16:47
 Operator : JC/SP
 Sample : VX0407WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Manual Integrations
 APPROVED

MMDadoda
 4/8/2020 11:12:32 AM

Quant Time: Apr 08 03:35:25 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	1090734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1630440	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1509826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817149	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	716861	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	527161	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.70	98	1931334	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	11.12	95	801658	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	182988	19.042	ug/l	95
3) Chloromethane	1.31	50	197282	16.121	ug/l	100
4) Vinyl Chloride	1.39	62	198065	17.626	ug/l	97
5) Bromomethane	1.63	94	106346	14.844	ug/l	99
6) Chloroethane	1.71	64	125030	17.940	ug/l	99
7) Trichlorofluoromethane	1.92	101	297482	19.740	ug/l	99
8) Diethyl Ether	2.17	74	119489	18.799	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	198669	20.223	ug/l	99
10) Methyl Iodide	2.49	142	146429	11.055	ug/l	99
11) Tert butyl alcohol	3.01	59	265743	72.171	ug/l	99
12) 1,1-Dichloroethene	2.36	96	188774	18.332	ug/l	96
13) Acrolein	2.27	56	192876	91.954	ug/l	99
14) Allyl chloride	2.71	41	410696	17.069	ug/l	96
15) Acrylonitrile	3.11	53	609557	86.805	ug/l	100
16) Acetone	2.42	43	548450	82.983	ug/l	98
17) Carbon Disulfide	2.55	76	534978	17.030	ug/l	99
18) Methyl Acetate	2.75	43	290350	17.213	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	735587	18.418	ug/l	98
20) Methylene Chloride	2.83	84	219019	17.742	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	207038	18.116	ug/l	94
22) Diisopropyl ether	3.83	45	803824	18.853	ug/l	96
23) Vinyl Acetate	3.78	43	3570265	92.486	ug/l	99
24) 1,1-Dichloroethane	3.67	63	405922	18.082	ug/l	99
25) 2-Butanone	4.64	43	876693	82.482	ug/l	97
26) 2,2-Dichloropropane	4.56	77	338415	18.366	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	240124	18.161	ug/l	97
28) Bromochloromethane	4.98	49	201948	18.842	ug/l	99
29) Tetrahydrofuran	5.09	42	564238	82.575	ug/l	100
30) Chloroform	5.17	83	399236	18.485	ug/l	97
31) Cyclohexane	5.55	56	369499	18.974	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	365384	18.694	ug/l	100
36) 1,1-Dichloropropene	5.77	75	304581	20.275	ug/l	99
37) Ethyl Acetate	4.80	43	354206	18.108	ug/l	99
38) Carbon Tetrachloride	5.76	117	319566	19.640	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	357961	20.666	ug/l	96
40) Benzene	6.11	78	859211	19.525	ug/l	99
41) Methacrylonitrile	5.00	41	203061	18.701	ug/l	99
42) 1,2-Dichloroethane	6.17	62	355452	20.109	ug/l	100
43) Isopropyl Acetate	6.42	43	610774	18.497	ug/l	100
44) Trichloroethene	7.19	130	238237	19.851	ug/l	98
45) 1,2-Dichloropropane	7.49	63	234329	19.465	ug/l	98
46) Dibromomethane	7.64	93	155956	19.749	ug/l	99
47) Bromodichloromethane	7.87	83	327466	19.461	ug/l	96
48) Methyl methacrylate	7.75	41	310012	18.796	ug/l	100
49) 1,4-Dioxane	7.72	88	96320	313.050	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1759593	94.029	ug/l	100
52) Toluene	8.76	92	554695	20.445	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	368013	18.648	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	389198	19.361	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	222812	20.045	ug/l	96
56) Ethyl methacrylate	9.16	69	379666	19.381	ug/l	99
57) 1,3-Dichloropropane	9.36	76	394050	19.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	932671	97.882	ug/l	99
59) 2-Hexanone	9.47	43	1318567	93.329	ug/l	100
60) Dibromochloromethane	9.56	129	260636	19.513	ug/l	99
61) 1,2-Dibromoethane	9.65	107	240018	19.859	ug/l	100
64) Tetrachloroethene	9.32	164	230565	20.235	ug/l	95
65) Chlorobenzene	10.12	112	592058	19.663	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	231763	19.267	ug/l	99
67) Ethyl Benzene	10.24	91	1081370	20.249	ug/l	99
68) m/p-Xylenes	10.34	106	808839	40.674	ug/l	99
69) o-Xylene	10.68	106	392365	19.967	ug/l	100
70) Styrene	10.70	104	682061	19.725	ug/l	99
71) Bromoform	10.84	173	197401	18.026	ug/l #	98
73) Isopropylbenzene	11.00	105	1074337	20.066	ug/l	99
74) N-amyl acetate	10.88	43	542579	18.220	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	333312	18.142	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	313409m	18.651	ug/l	
77) Bromobenzene	11.24	156	282260	19.764	ug/l	97
78) n-propylbenzene	11.34	91	1213717	19.825	ug/l	99
79) 2-Chlorotoluene	11.40	91	728619	19.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	899147	19.664	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	113258	16.172	ug/l	94
82) 4-Chlorotoluene	11.49	91	883657	20.087	ug/l	99
83) tert-Butylbenzene	11.76	119	893512	20.005	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	926023	19.873	ug/l	100
85) sec-Butylbenzene	11.93	105	1037111	20.077	ug/l	99
86) p-Isopropyltoluene	12.05	119	984845	20.537	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	506564	19.813	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	520519	19.988	ug/l	98
89) n-Butylbenzene	12.37	91	889612	20.528	ug/l	99
90) Hexachloroethane	12.58	117	175318	18.783	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	468650	18.731	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	82559	15.921	ug/l	98

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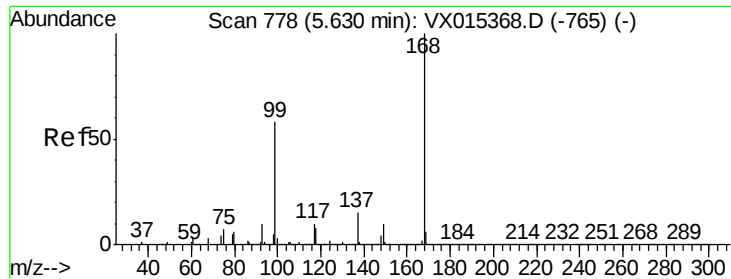
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	389976	19.705	ug/l	99
94) Hexachlorobutadiene	13.77	225	178325	18.925	ug/l	99
95) Naphthalene	13.82	128	1148073	19.017	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	381172	20.004	ug/l	96

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion:168 Resp: 1090734

Ion Ratio Lower Upper

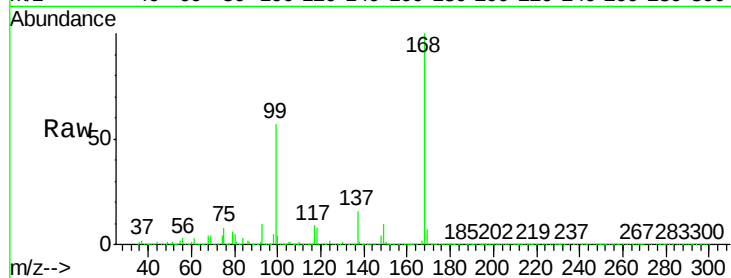
168 100

99 57.0 46.4 69.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

400000

300000

200000

100000

0

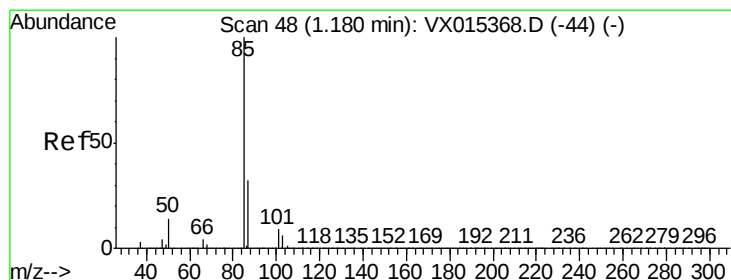
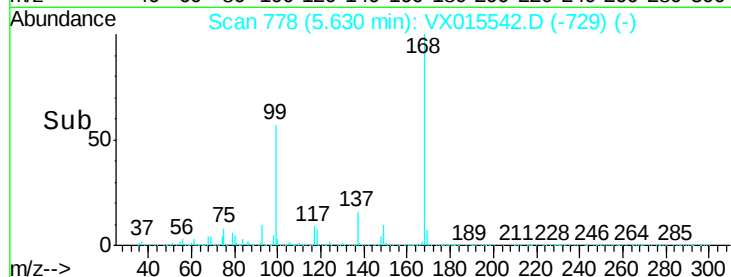
5.50

5.60

5.70

5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.042 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.01 min

Lab File: VX015542.D

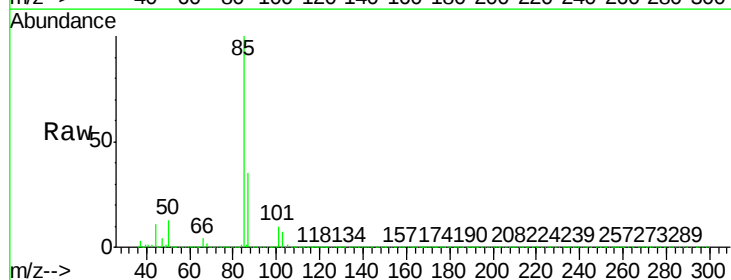
Acq: 07 Apr 2020 16:47

Tgt Ion: 85 Resp: 182988

Ion Ratio Lower Upper

85 100

87 34.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

200000

150000

100000

50000

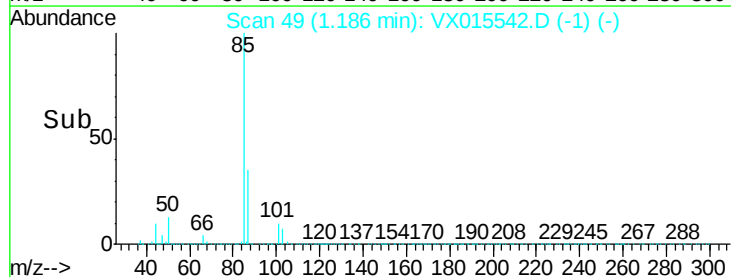
0

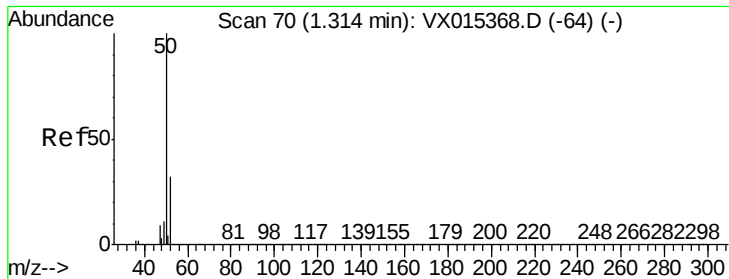
1.15

1.20

1.25

Time-->





#3

Chloromethane

Concen: 16.121 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 50 Resp: 197282

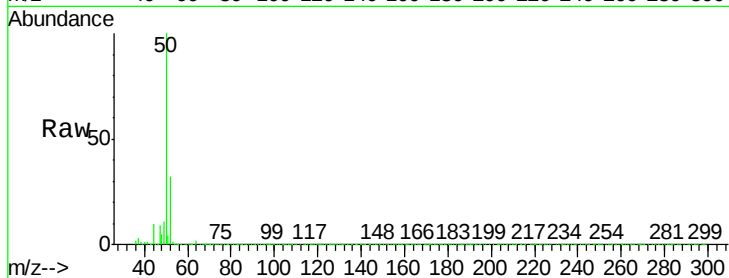
Ion Ratio Lower Upper

50 100

52 31.9 25.3 37.9

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

200000

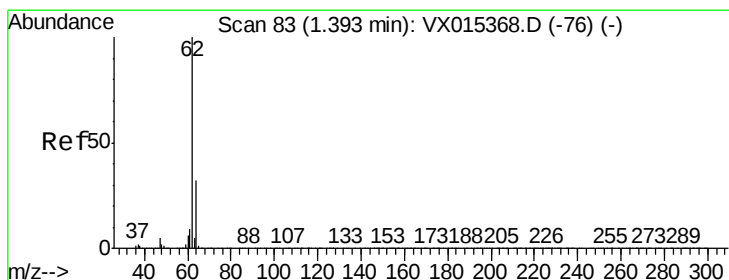
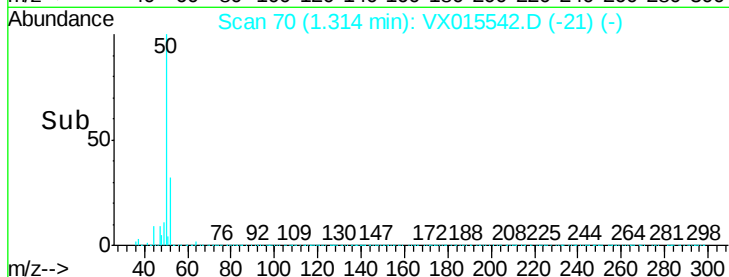
150000

100000

50000

0

Time--> 1.25 1.30 1.35



#4

Vinyl Chloride

Concen: 17.626 ug/l

RT: 1.39 min Scan# 83

Delta R.T. -0.00 min

Lab File: VX015542.D

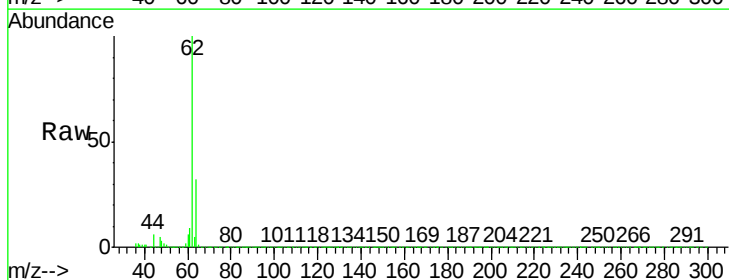
Acq: 07 Apr 2020 16:47

Tgt Ion: 62 Resp: 198065

Ion Ratio Lower Upper

62 100

64 31.0 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

250000

200000

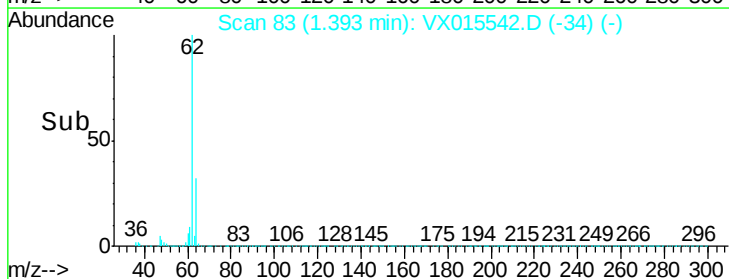
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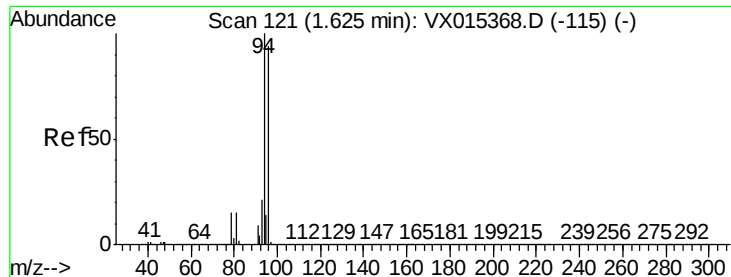
100000

50000

0

Time--> 1.35 1.40 1.45





#5

Bromomethane

Concen: 14.844 ug/l

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 94 Resp: 106346

Ion Ratio Lower Upper

94 100

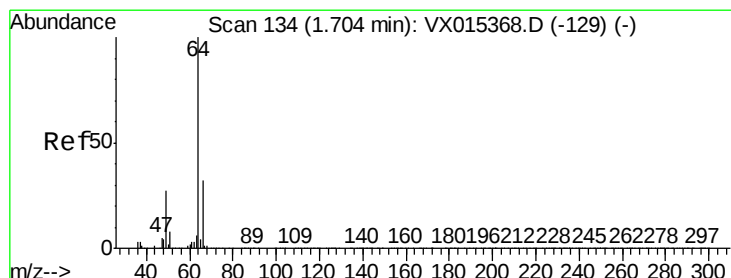
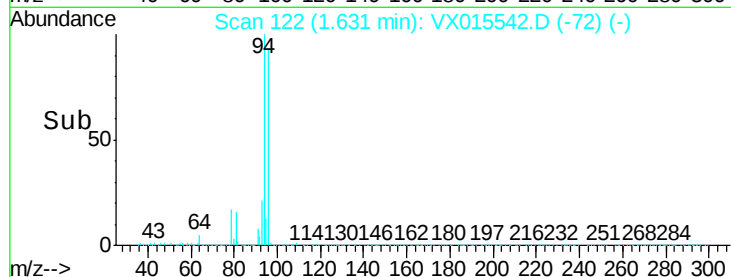
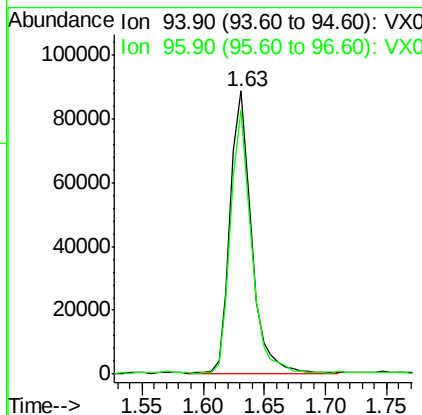
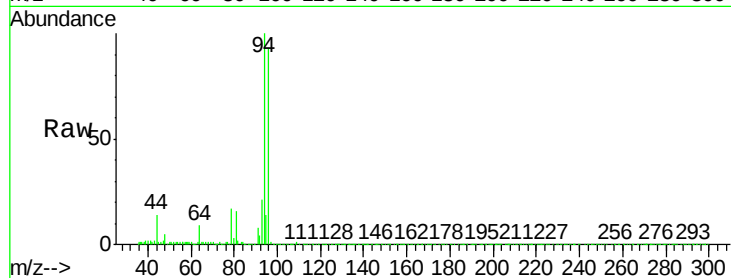
96 92.6 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 17.940 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.01 min

Lab File: VX015542.D

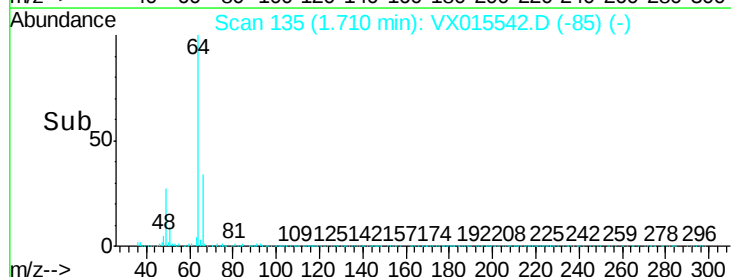
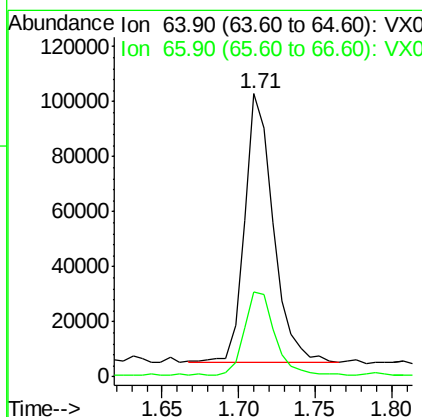
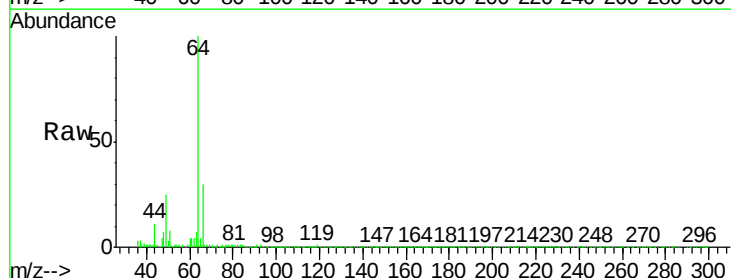
Acq: 07 Apr 2020 16:47

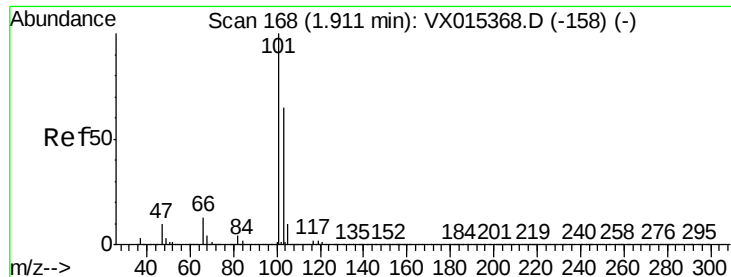
Tgt Ion: 64 Resp: 125030

Ion Ratio Lower Upper

64 100

66 31.0 25.4 38.2





#7

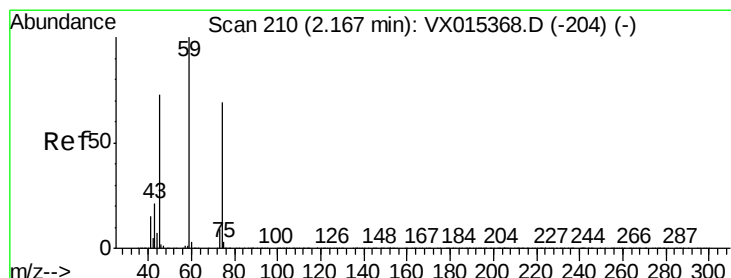
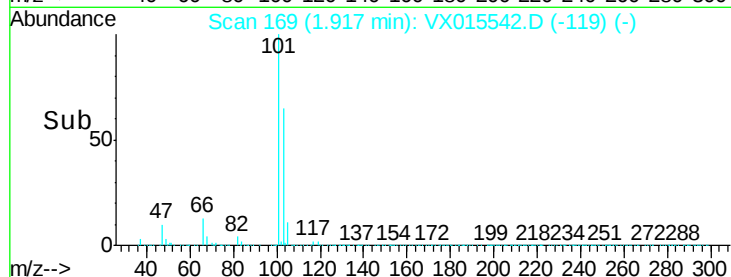
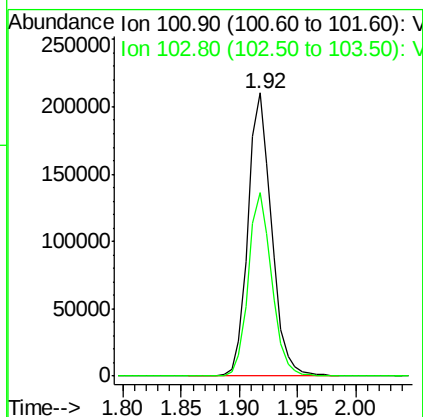
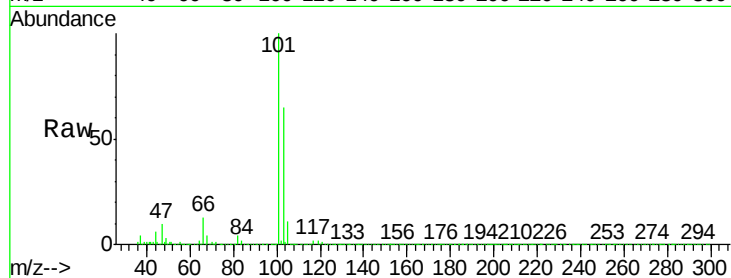
Trichlorofluoromethane
Concen: 19.740 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.7	52.3	78.5

Manual Integrations
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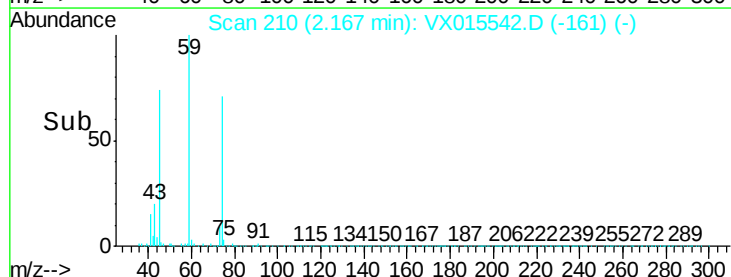
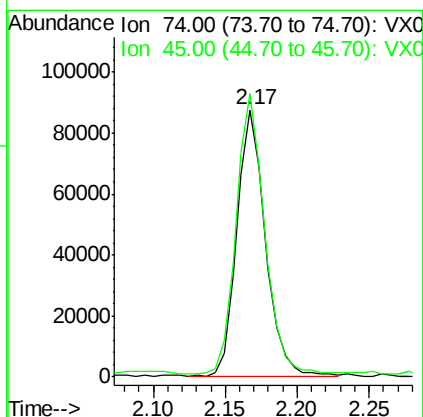
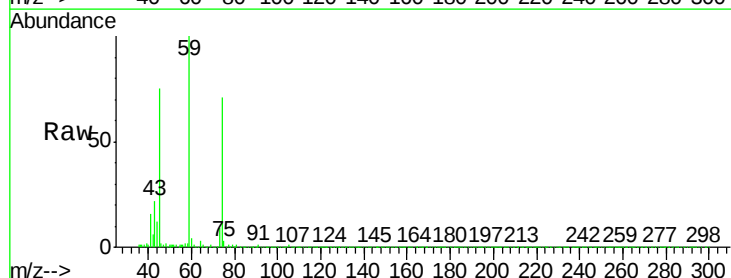
MMDadoda
4/8/2020 11:12:32 AM

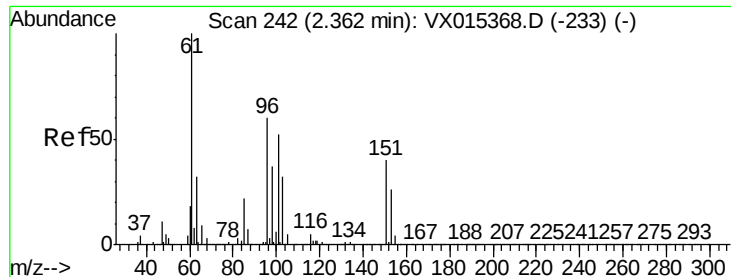


#8

Diethyl Ether
Concen: 18.799 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.3	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.223 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

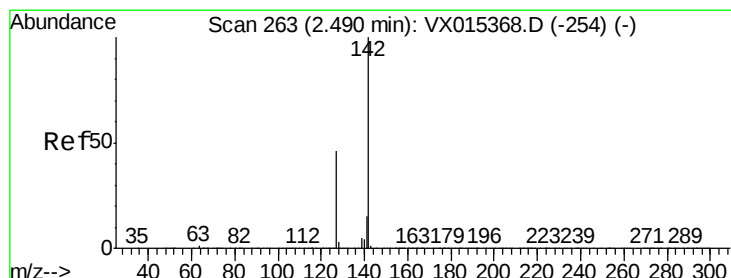
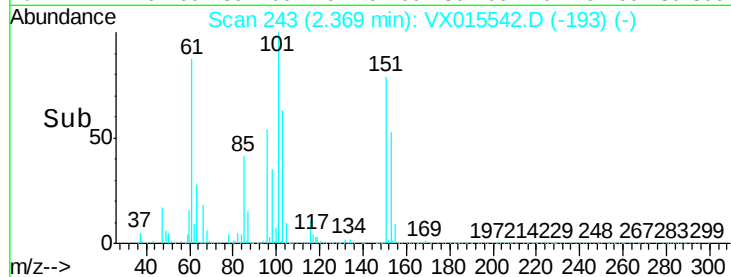
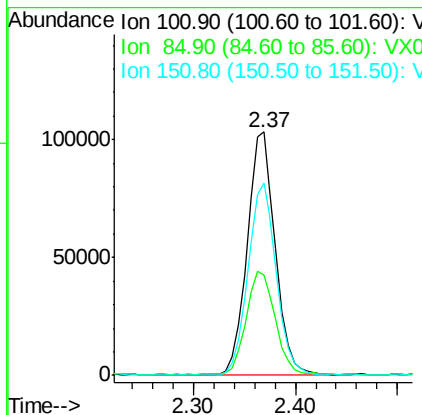
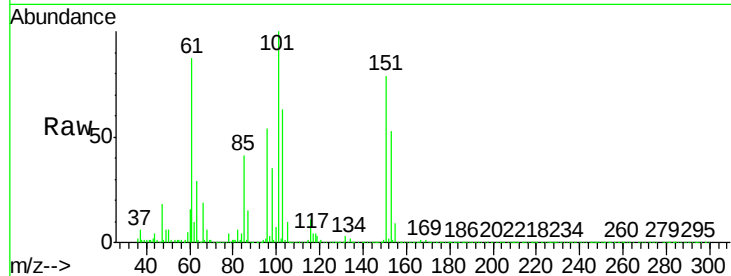
ClientSampleId :

VX0407WBSD02

Tot Ion:	101	Resp:	198669
Ion Ratio	Lower	Upper	
101	100		
85	43.7	35.0	52.4
151	78.9	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 11.055 ug/l

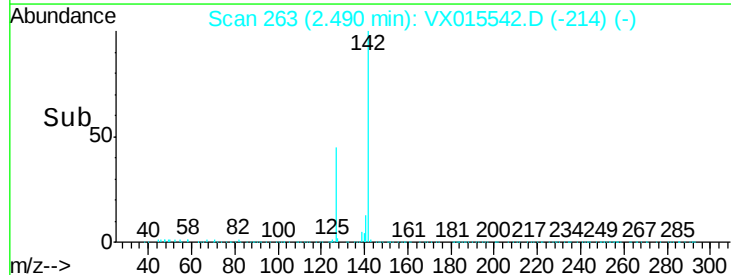
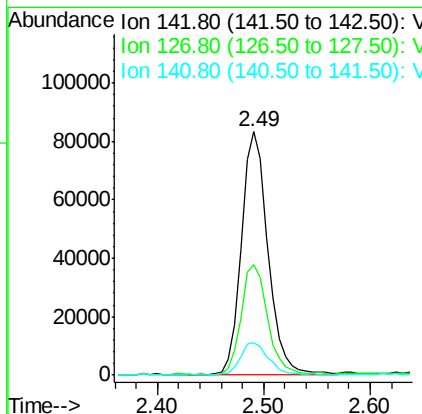
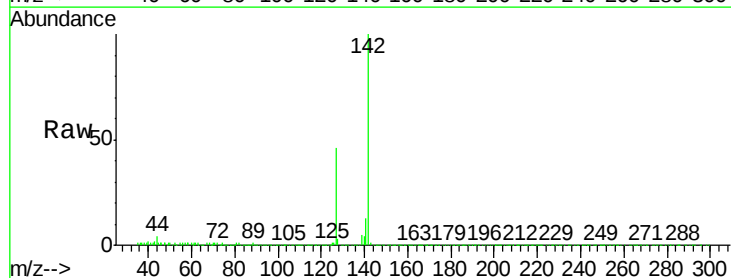
RT: 2.49 min Scan# 263

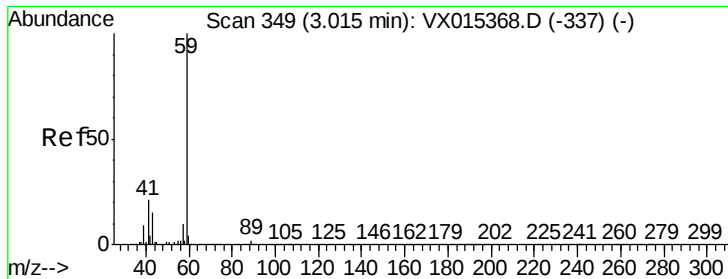
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	142	Resp:	146429
Ion Ratio	Lower	Upper	
142	100		
127	45.5	35.9	53.9
141	13.7	11.6	17.4





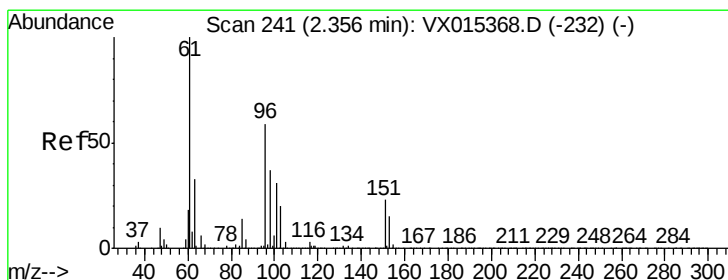
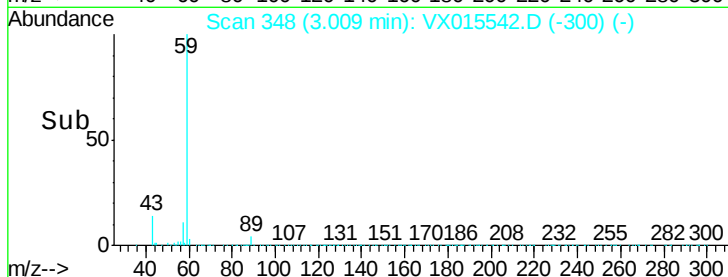
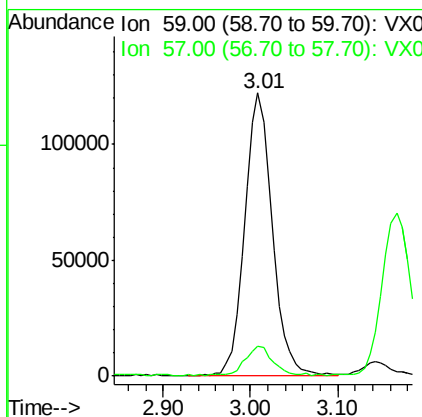
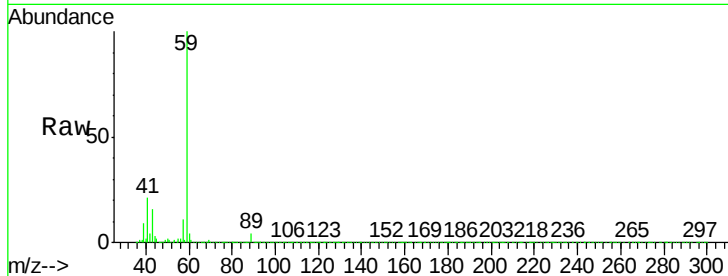
#11
Tert butyl alcohol
Concen: 72.171 ug/l
RT: 3.01 min Scan# 348
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion: 59 Resp: 265743
Ion Ratio Lower Upper
59 100
57 10.3 8.1 12.1

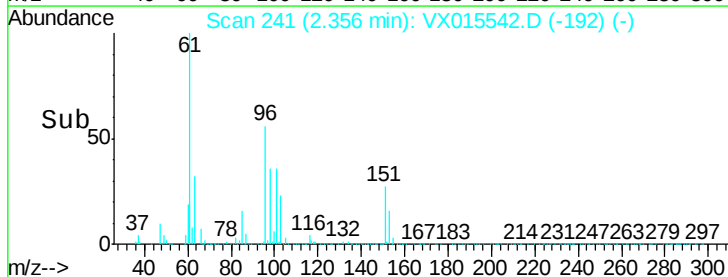
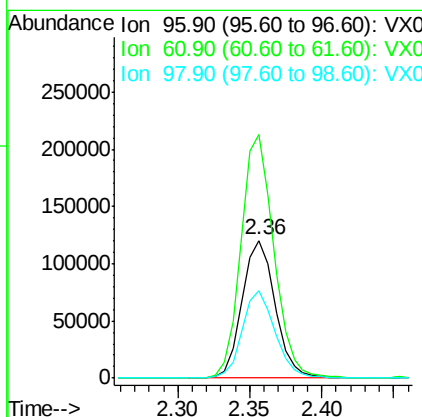
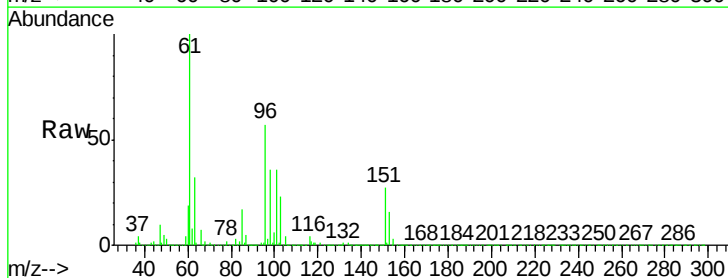
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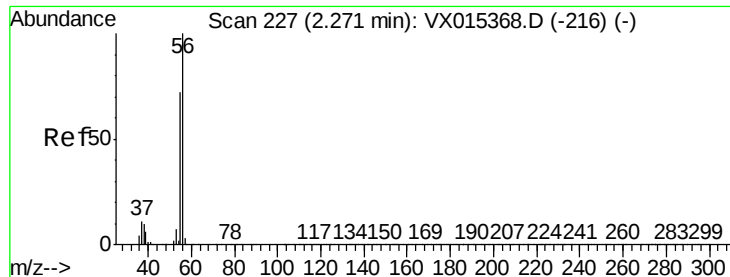
MMDadoda
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#12
1,1-Dichloroethene
Concen: 18.332 ug/l
RT: 2.36 min Scan# 241
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion: 96 Resp: 188774
Ion Ratio Lower Upper
96 100
61 176.7 135.7 203.5
98 63.1 50.6 75.8





#13

Acrolein

Concen: 91.954 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 56 Resp: 192876

Ion Ratio Lower Upper

56 100

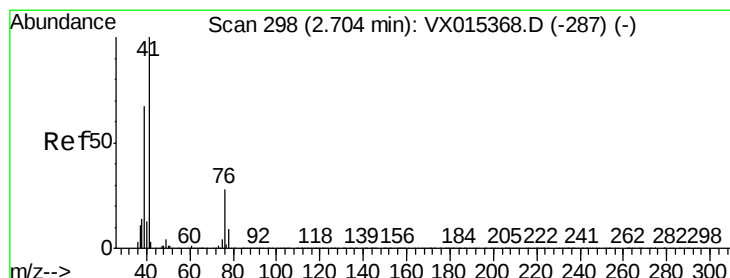
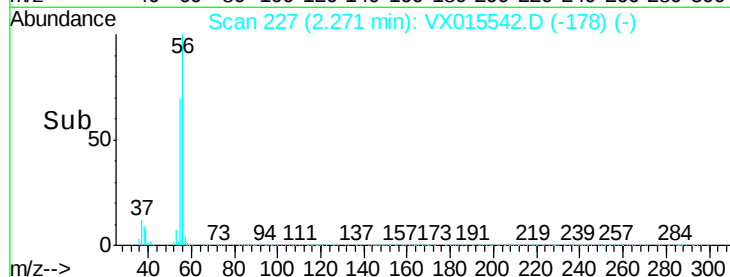
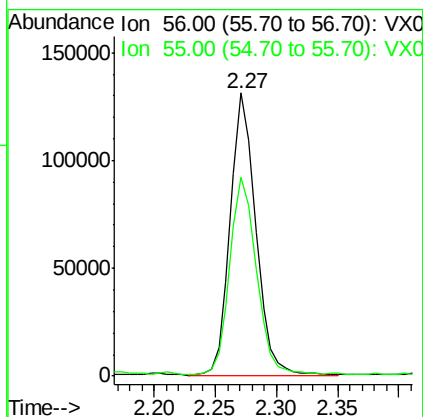
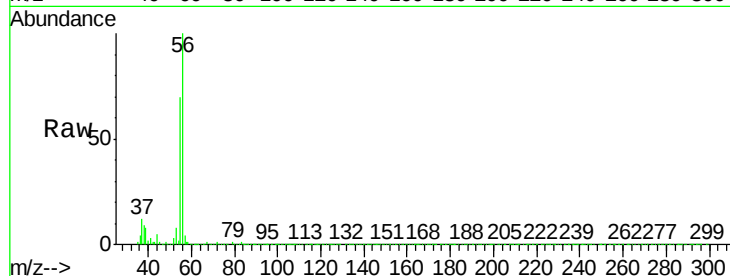
55 70.6 57.0 85.4

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#14

Allyl chloride

Concen: 17.069 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

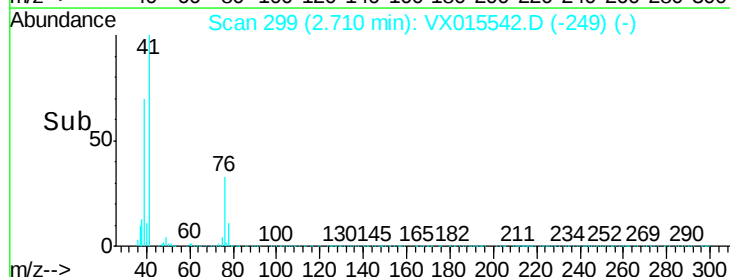
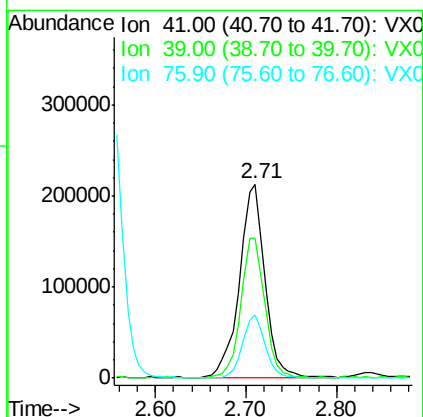
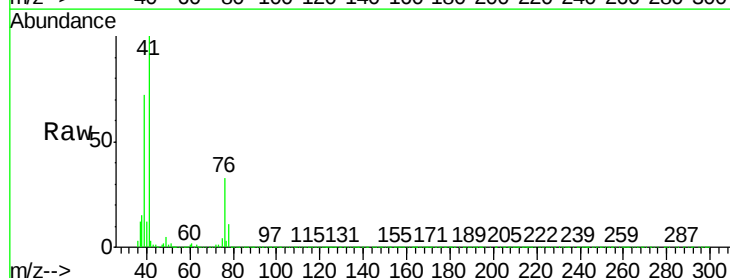
Tgt Ion: 41 Resp: 410696

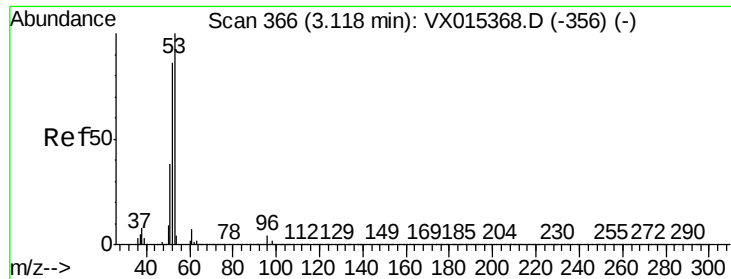
Ion Ratio Lower Upper

41 100

39 67.9 51.4 77.0

76 28.8 21.8 32.8





#15

Acrylonitrile

Concen: 86.805 ug/l

RT: 3.11 min Scan# 365

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

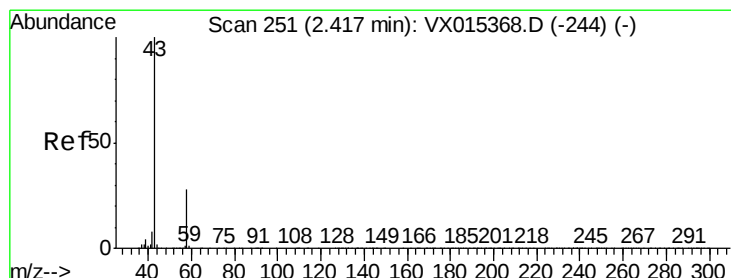
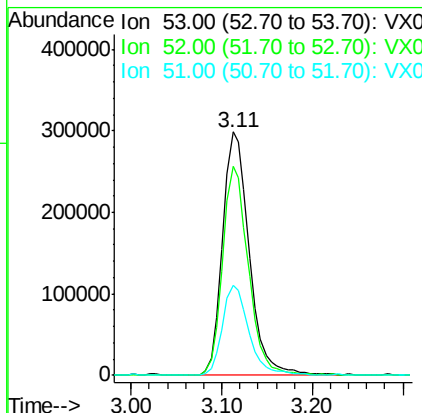
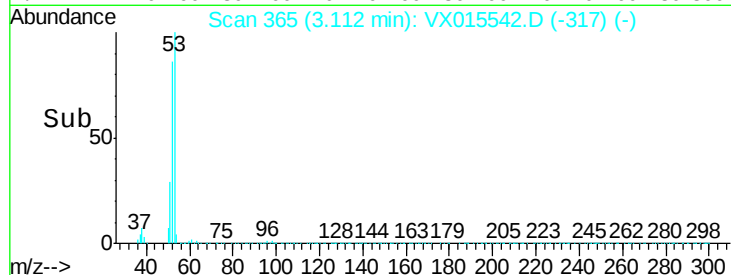
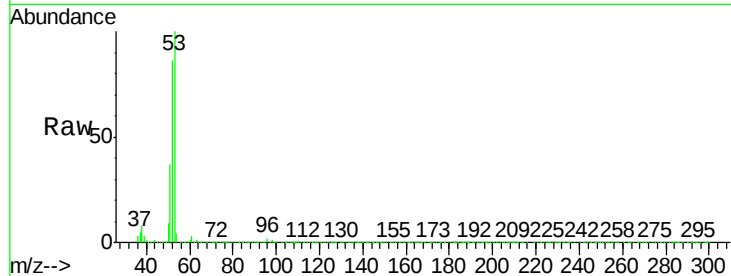
ClientSampleId :

VX0407WBSD02

Tot Ion:	53	Resp:	609557
Ion Ratio		Lower	Upper
53	100		
52	83.5	66.8	100.2
51	36.7	29.5	44.3

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#16

Acetone

Concen: 82.983 ug/l

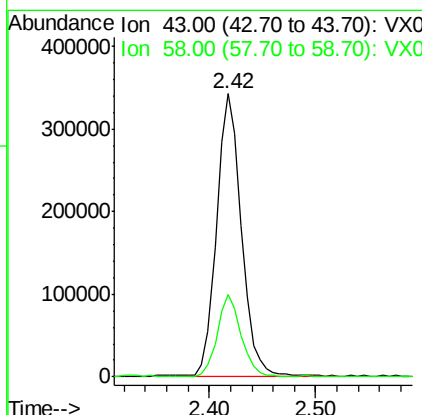
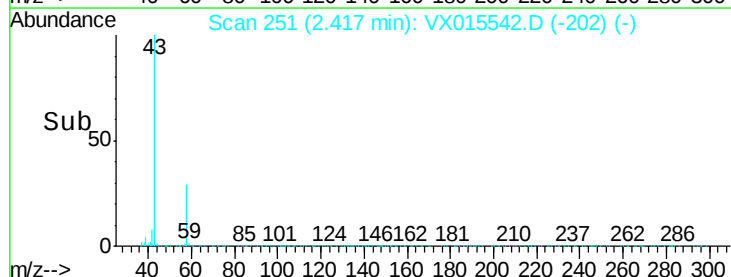
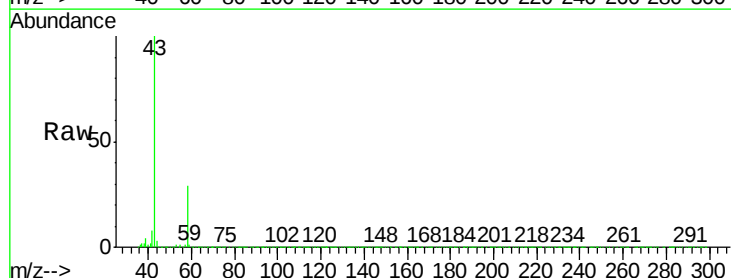
RT: 2.42 min Scan# 251

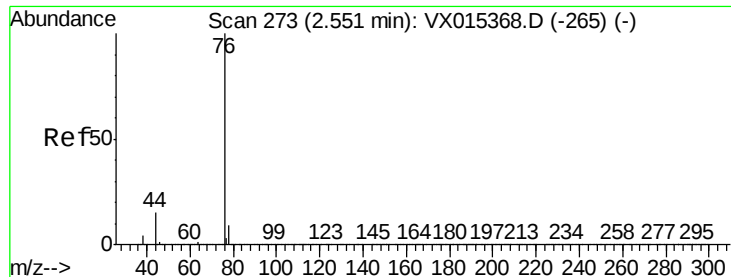
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	43	Resp:	548450
Ion Ratio		Lower	Upper
43	100		
58	28.8	22.1	33.1





#17

Carbon Disulfide

Concen: 17.030 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 76 Resp: 534978

Ion Ratio Lower Upper

76 100

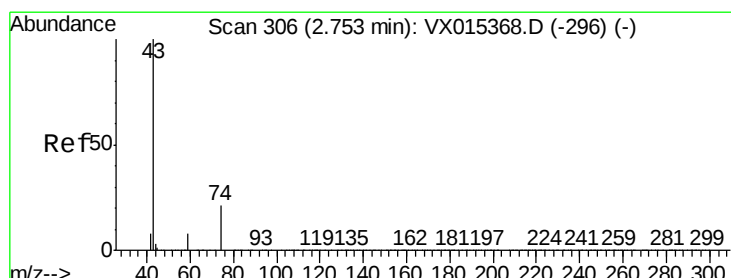
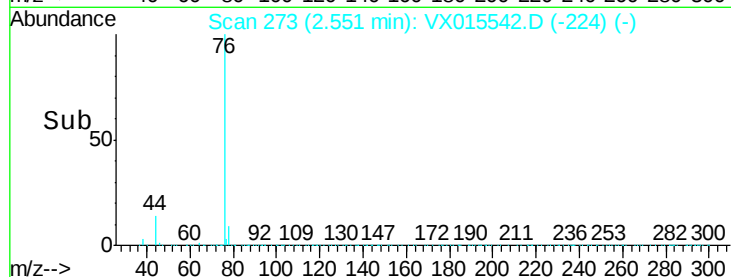
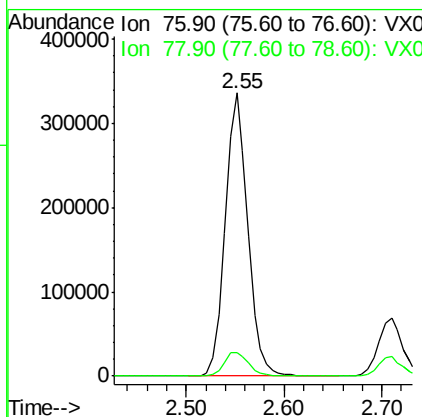
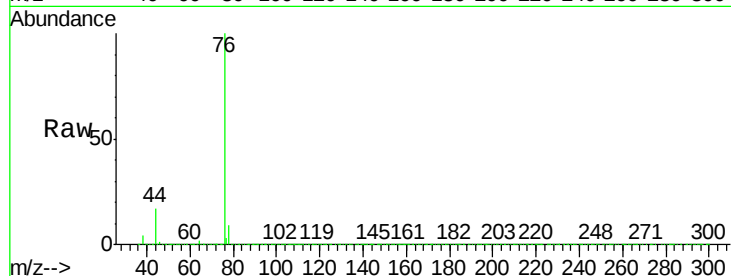
78 8.4 7.1 10.7

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#18

Methyl Acetate

Concen: 17.213 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015542.D

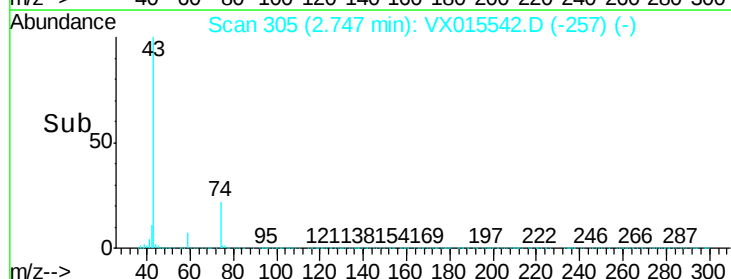
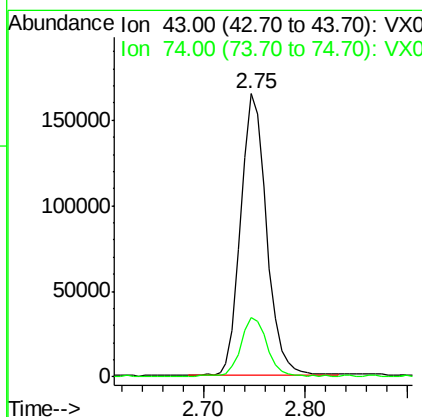
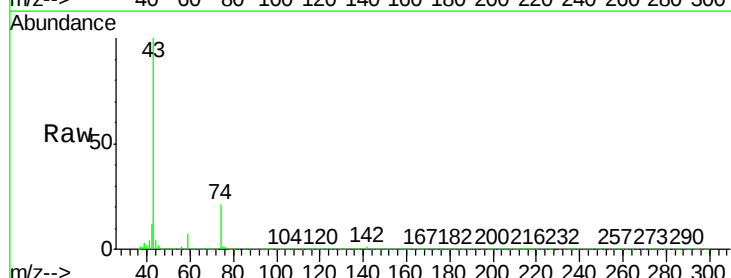
Acq: 07 Apr 2020 16:47

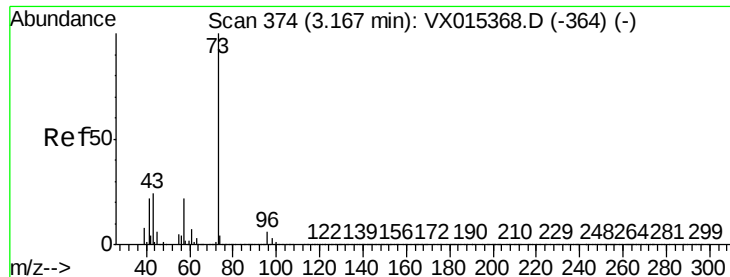
Tgt Ion: 43 Resp: 290350

Ion Ratio Lower Upper

43 100

74 22.2 16.5 24.7





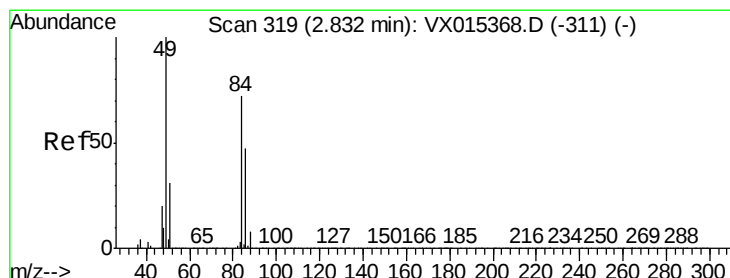
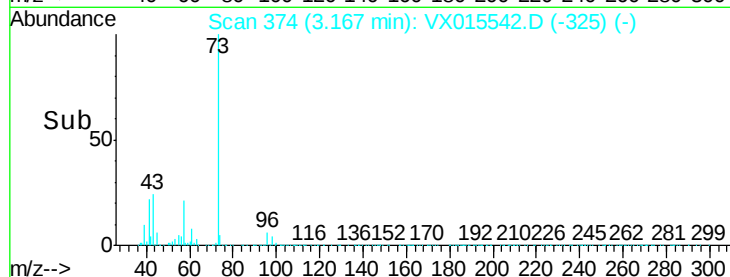
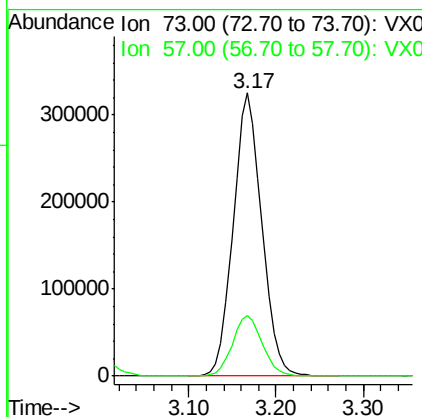
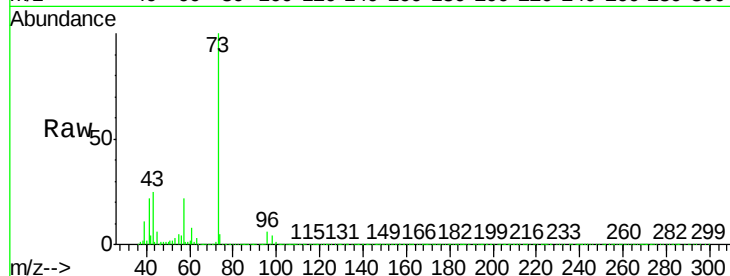
#19
Methvl tert-butvl Ether
Concen: 18.418 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	17.9	26.9

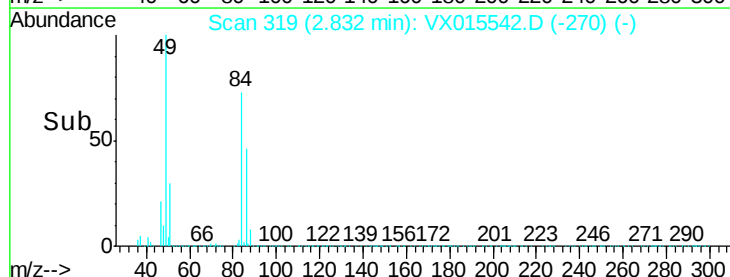
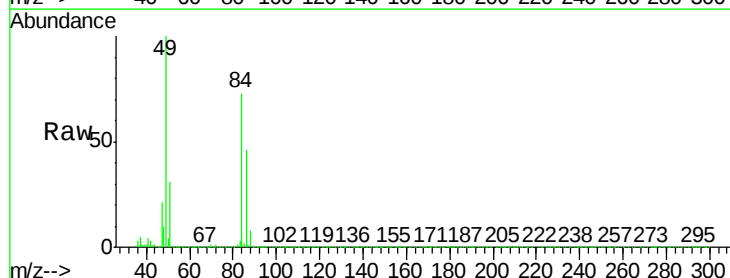
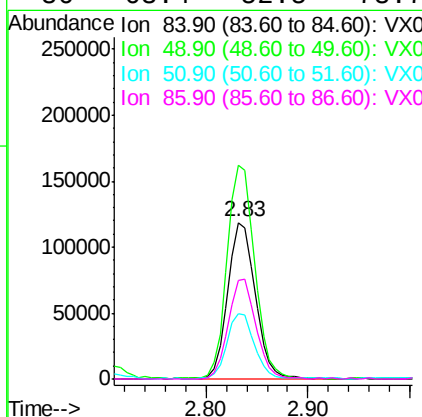
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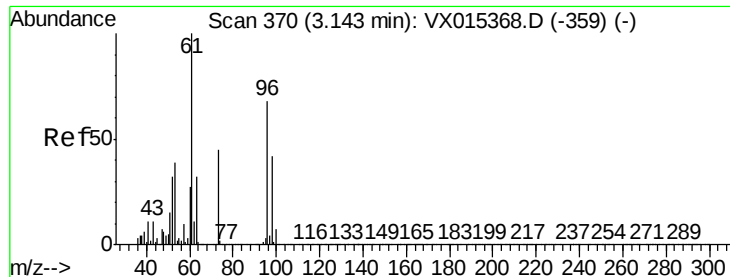
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#20
Methylene Chloride
Concen: 17.742 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
84	100		
49	136.8	111.3	166.9
51	41.5	34.0	51.0
86	63.4	52.5	78.7





#21

trans-1,2-Dichloroethene

Concen: 18.116 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.00 min

Lab File: VX015542.D

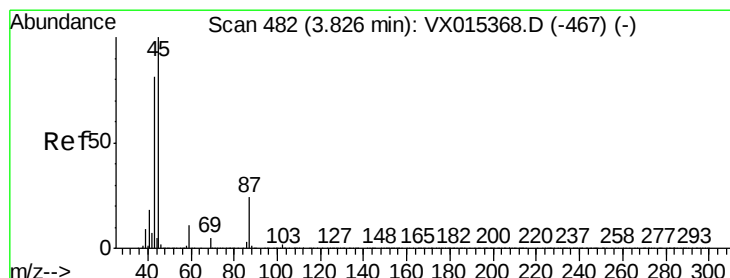
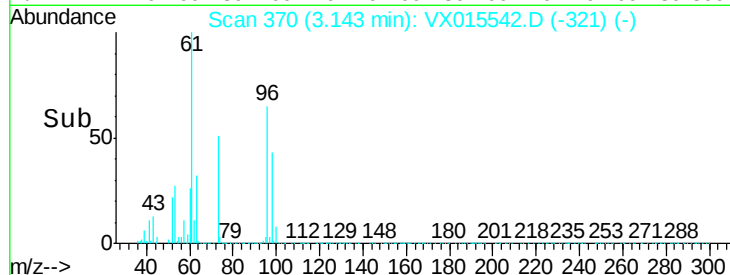
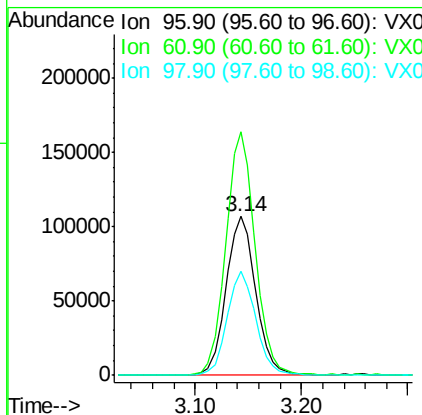
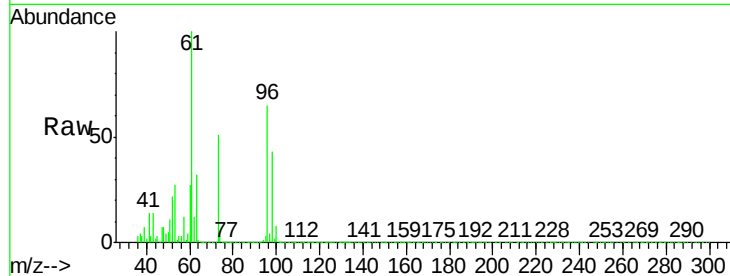
Acq: 07 Apr 2020 16:47

Tot Ion:	96	Resp:	207038
Ion	Ratio	Lower	Upper
96	100		
61	153.4	116.9	175.3
98	65.3	48.6	73.0

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

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#22

Diisopropyl ether

Concen: 18.853 ug/l

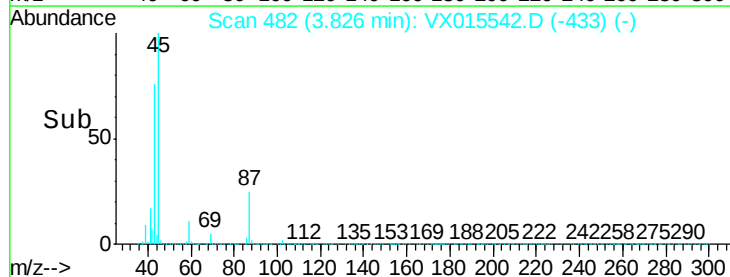
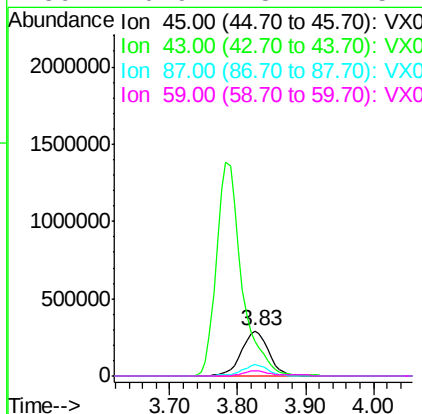
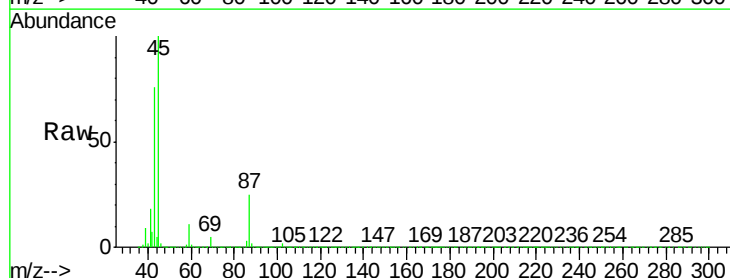
RT: 3.83 min Scan# 482

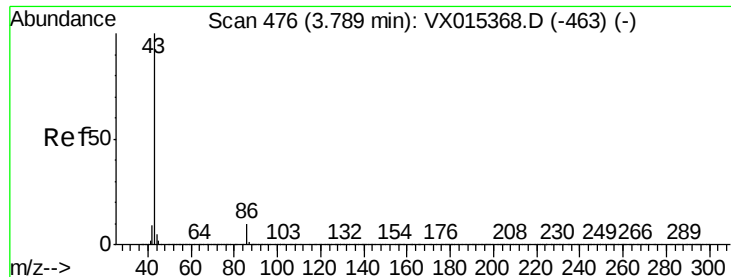
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	45	Resp:	803824
Ion	Ratio	Lower	Upper
45	100		
43	76.4	64.7	97.1
87	24.8	19.4	29.0
59	10.9	8.7	13.1





#23

Vinyl Acetate

Concen: 92.486 ug/l

RT: 3.78 min Scan# 475

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tot Ion: 43 Resp: 3570265

Ion Ratio Lower Upper

43 100

86 9.5 7.8 11.6

Instrument :

MSVOA_X

ClientSampleId :

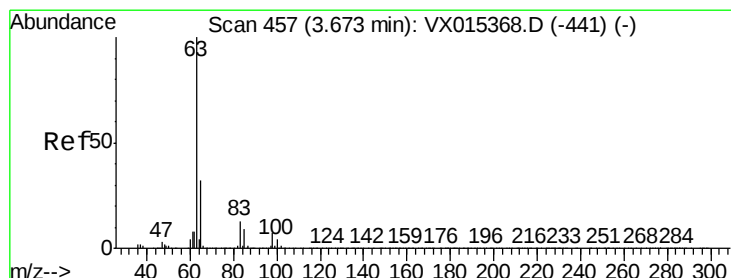
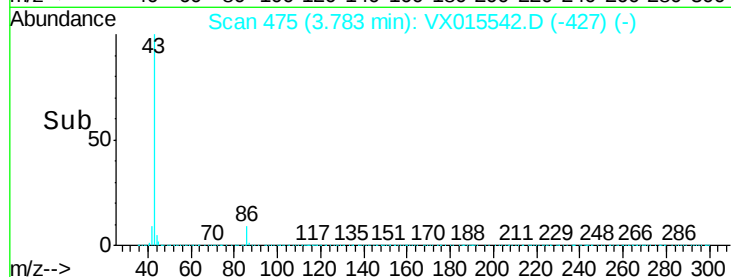
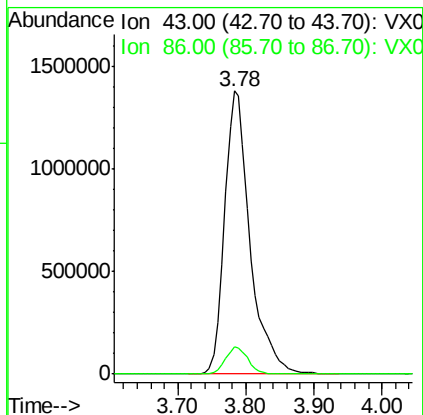
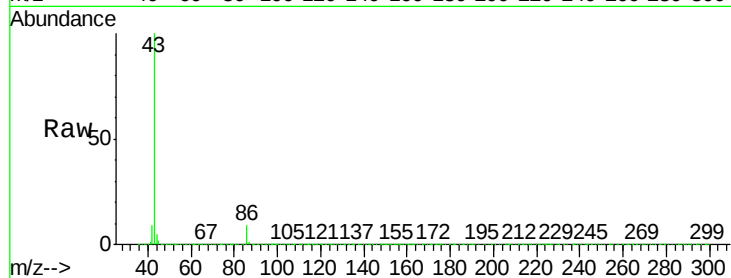
VX0407WBSD02

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#24

1,1-Dichloroethane

Concen: 18.082 ug/l

RT: 3.67 min Scan# 456

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

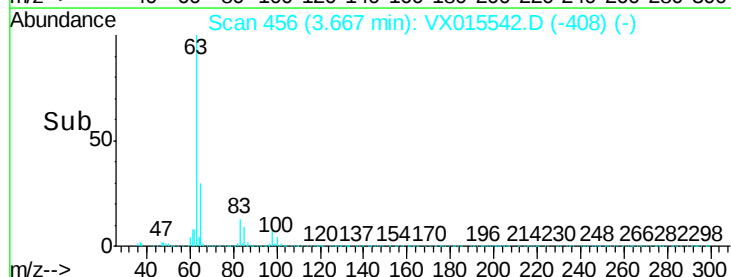
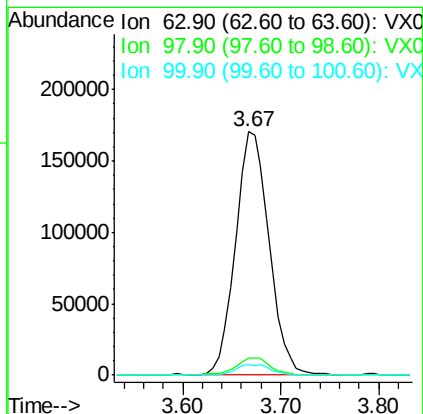
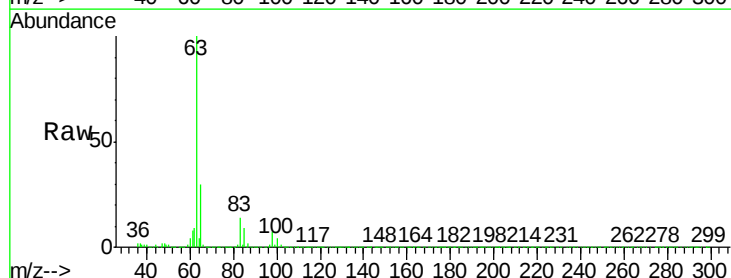
Tgt Ion: 63 Resp: 405922

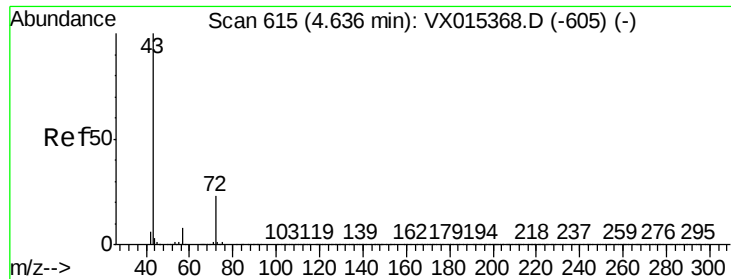
Ion Ratio Lower Upper

63 100

98 6.9 3.3 9.8

100 4.0 2.1 6.5





#25

2-Butanone

Concen: 82.482 ug/l

RT: 4.64 min Scan# 615

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tot Ion: 43 Resp: 876693

Ion Ratio Lower Upper

43 100

72 22.1 19.0 28.4

Instrument :

MSVOA_X

ClientSampleId :

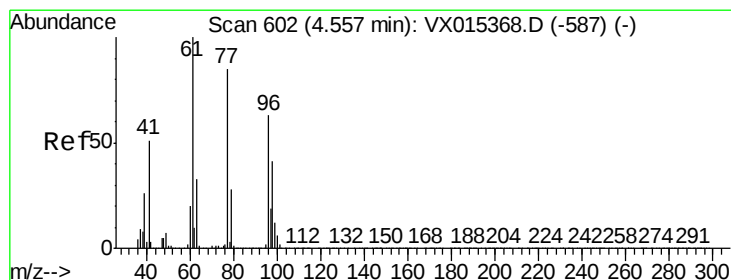
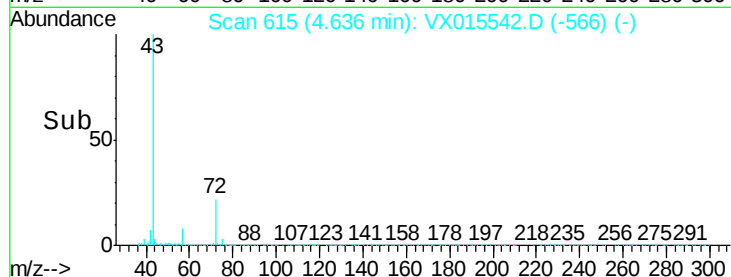
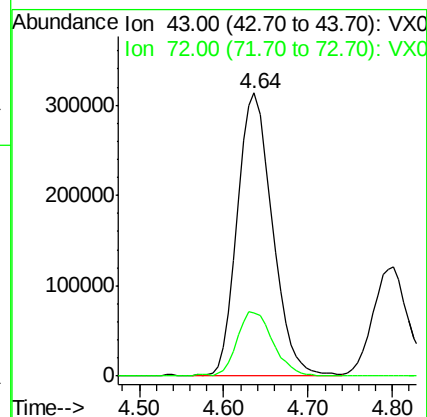
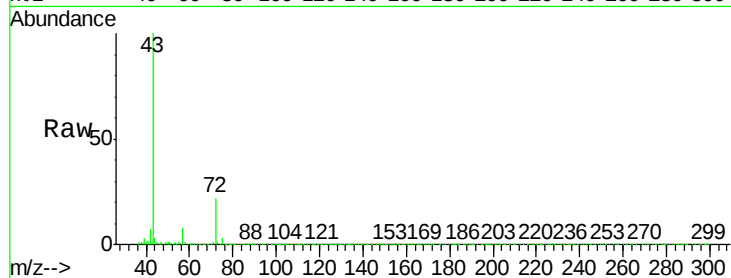
VX0407WBSD02

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#26

2,2-Dichloropropane

Concen: 18.366 ug/l

RT: 4.56 min Scan# 602

Delta R.T. -0.00 min

Lab File: VX015542.D

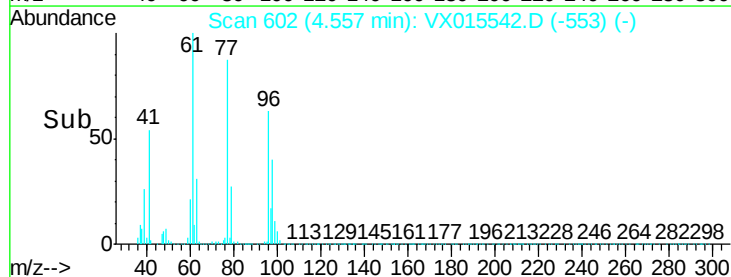
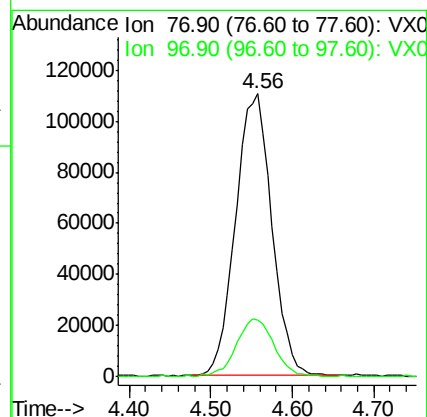
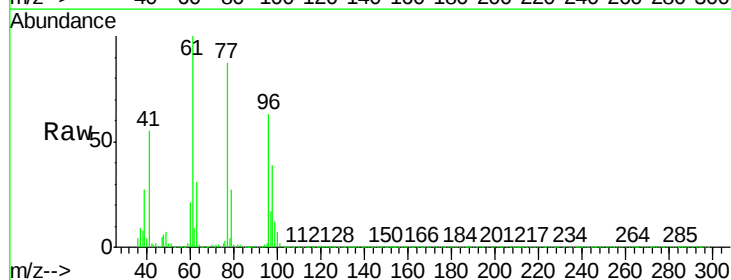
Acq: 07 Apr 2020 16:47

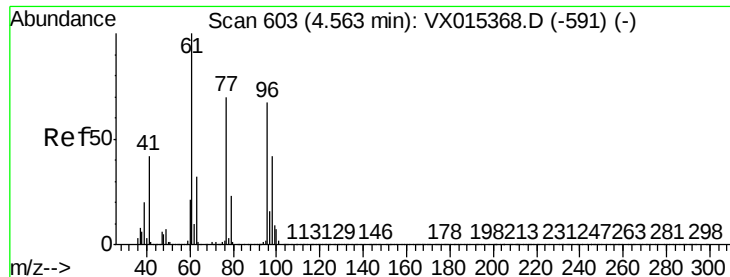
Tgt Ion: 77 Resp: 338415

Ion Ratio Lower Upper

77 100

97 21.7 11.3 33.8





#27

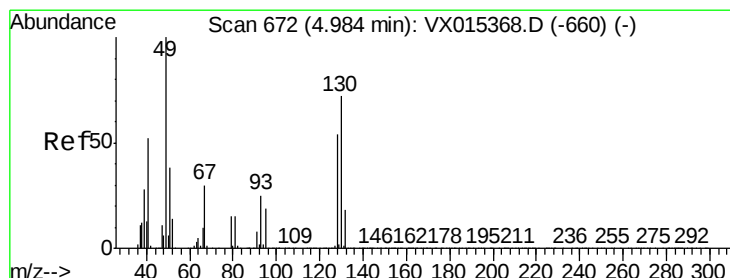
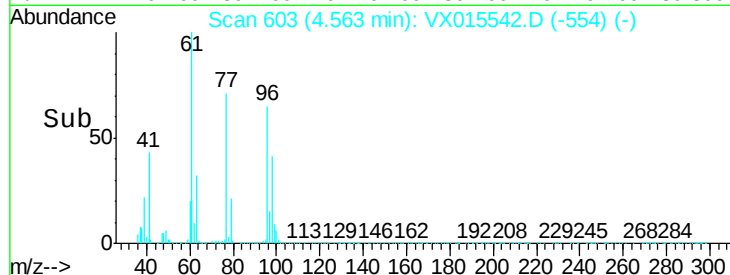
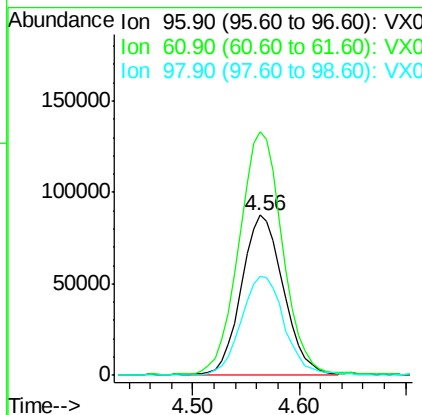
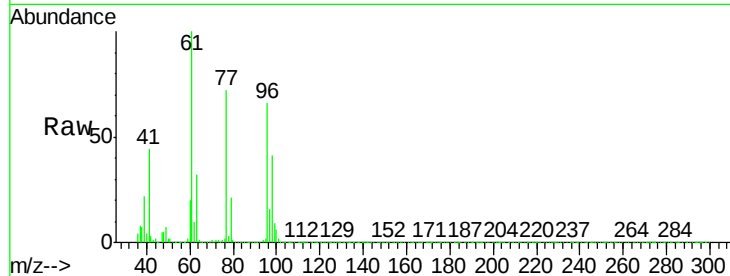
cis-1,2-Dichloroethene
 Concen: 18.161 ug/l
 RT: 4.56 min Scan# 603
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampled :
 VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	240124		
61	159.2	0.0	308.4	
98	63.8	0.0	129.2	

Manual Integrations
 APPROVED

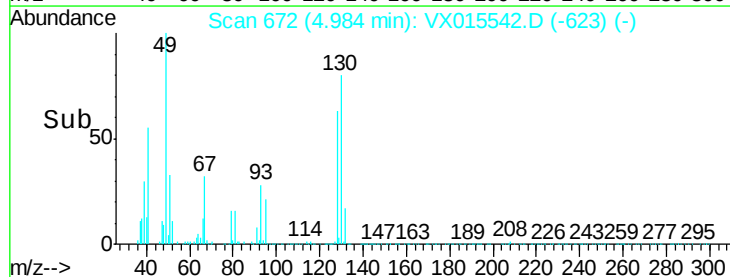
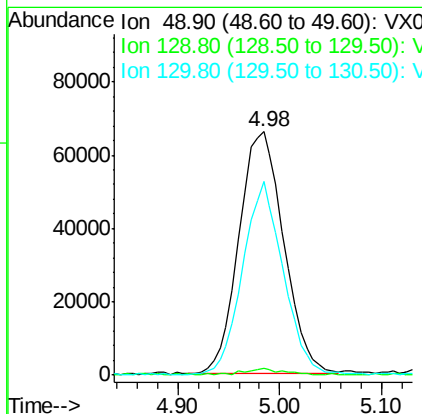
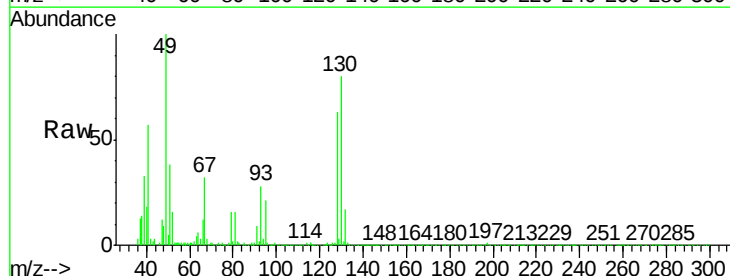
MMDadoda
 4/8/2020 11:12:32 AM

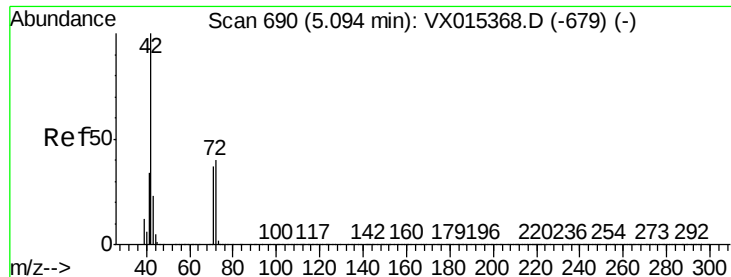


#28

Bromochloromethane
 Concen: 18.842 ug/l
 RT: 4.98 min Scan# 672
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	201948		
129	2.6	0.0	4.4	
130	72.5	57.7	86.5	





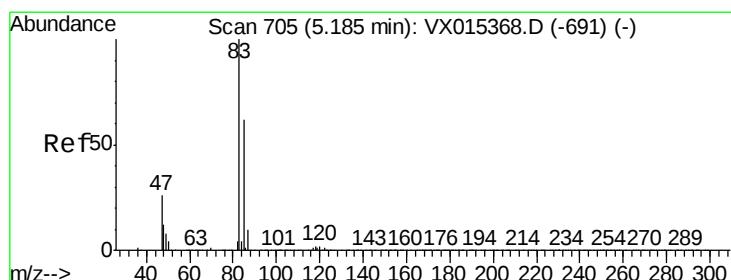
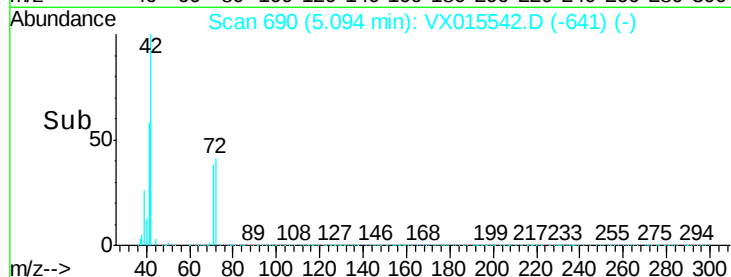
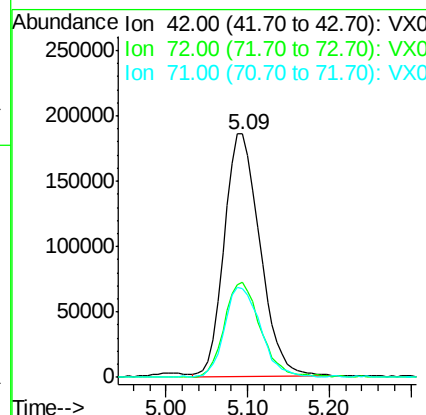
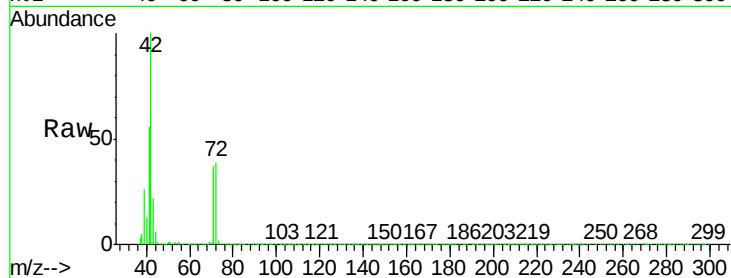
#29
Tetrahydrofuran
Concen: 82.575 ug/l
RT: 5.09 min Scan# 690
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
42	100		
72	39.5	31.7	47.5
71	37.4	29.6	44.4

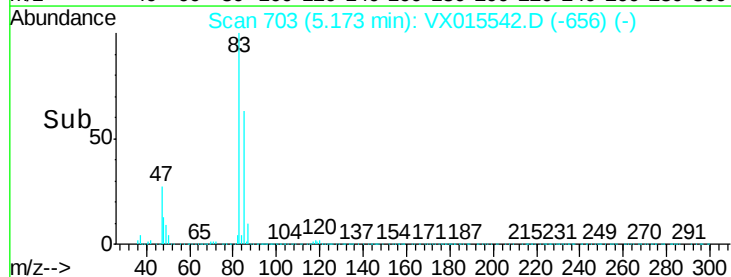
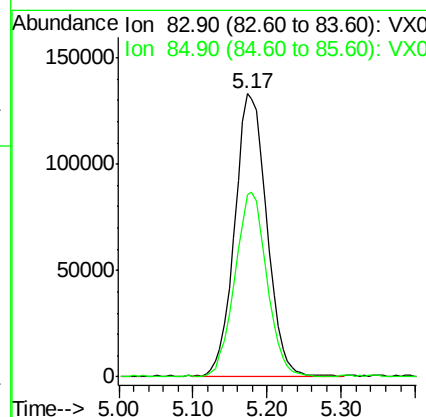
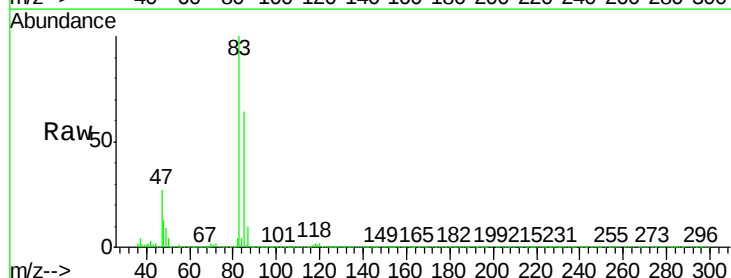
Manual Integrations
APPROVED

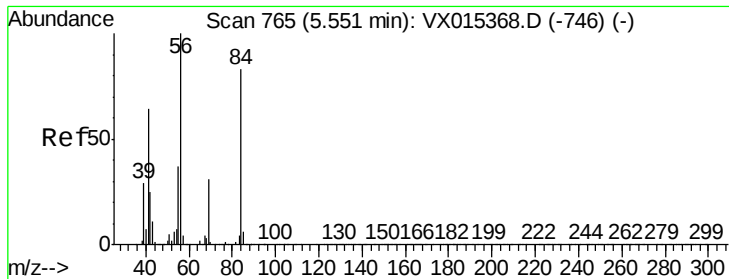
MMDadoda
4/8/2020 11:12:32 AM



#30
Chloroform
Concen: 18.485 ug/l
RT: 5.17 min Scan# 703
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	49.5	74.3





#31

Cvclohexane

Concen: 18.974 ug/l

RT: 5.55 min Scan# 765

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

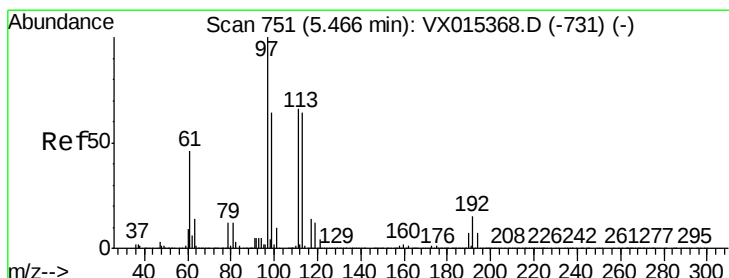
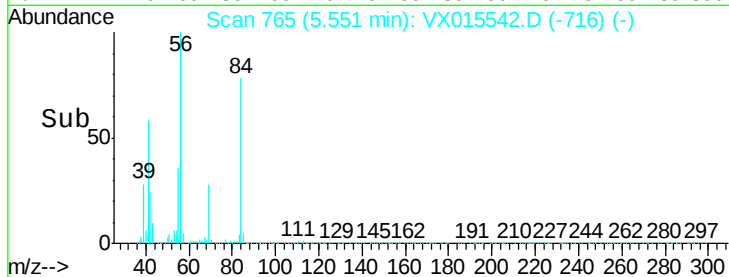
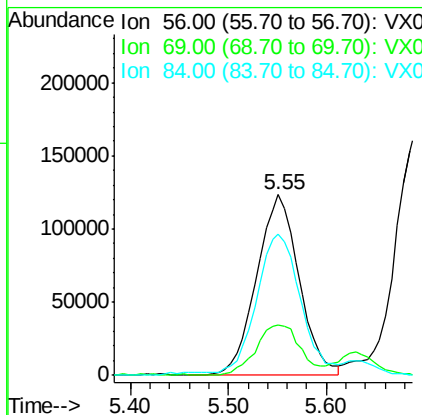
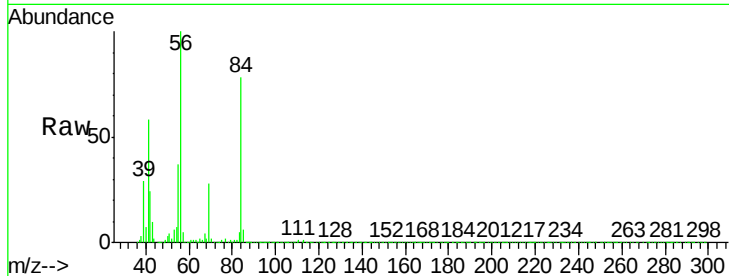
ClientSampleId :

VX0407WBSD02

Tot Ion:	56	Resp:	369499
Ion	Ratio	Lower	Upper
56	100		
69	27.5	24.6	36.8
84	76.8	66.1	99.1

Manual Integrations
APPROVED

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#32

1,1,1-Trichloroethane

Concen: 18.694 ug/l

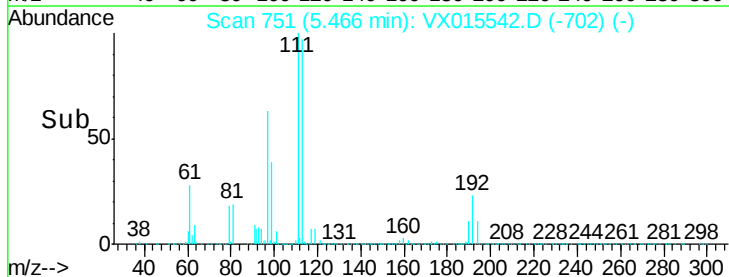
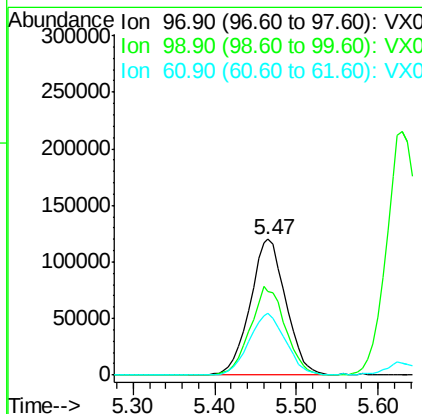
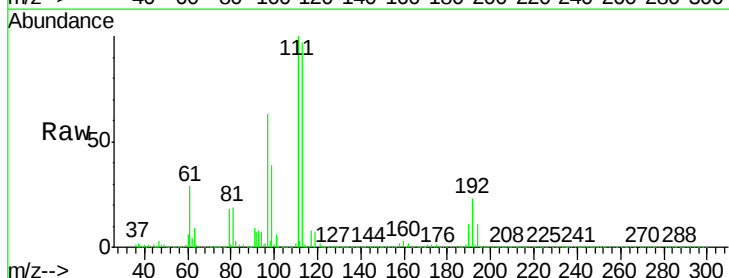
RT: 5.47 min Scan# 751

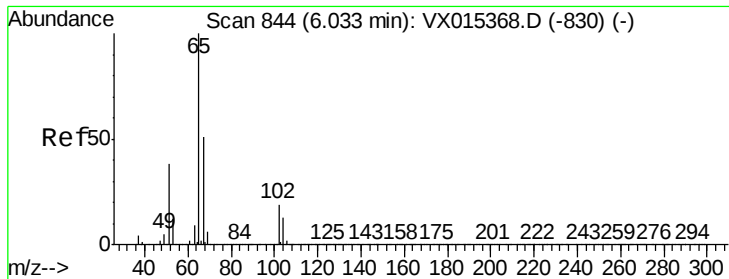
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	97	Resp:	365384
Ion	Ratio	Lower	Upper
97	100		
99	63.6	51.0	76.4
61	45.5	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 46.599 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tot Ion: 65 Resp: 716861

Ion Ratio Lower Upper

65 100

67 50.8 0.0 102.6

Instrument :

MSVOA_X

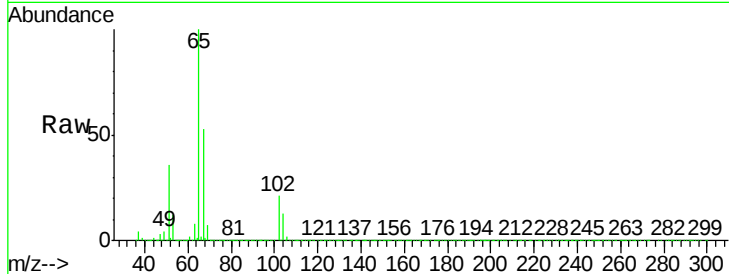
ClientSampleId :

VX0407WBSD02

Manual Integrations
APPROVED

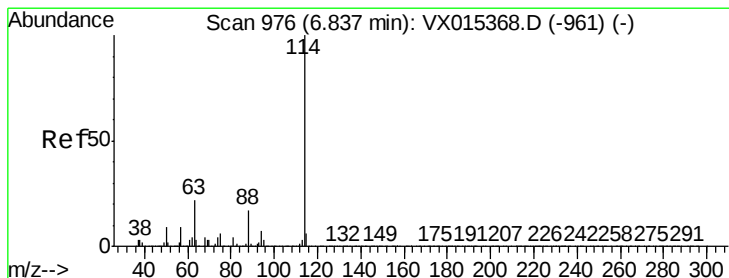
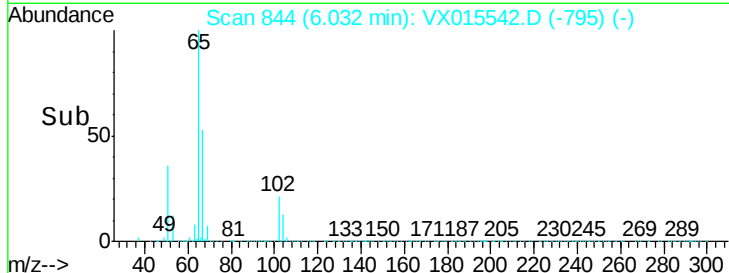
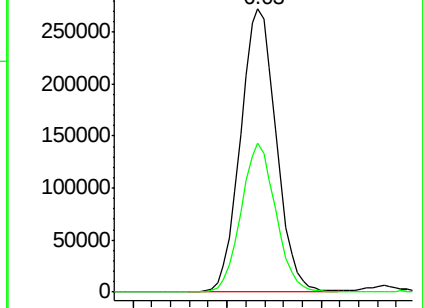
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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

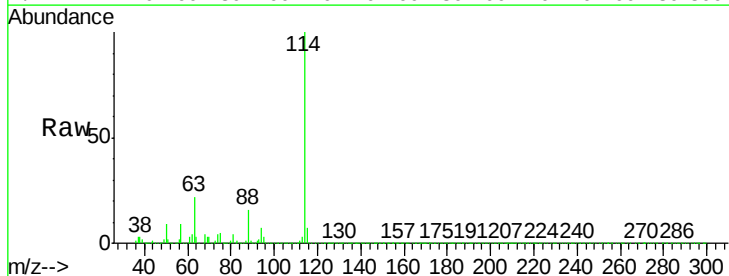
Tgt Ion: 114 Resp: 1630440

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

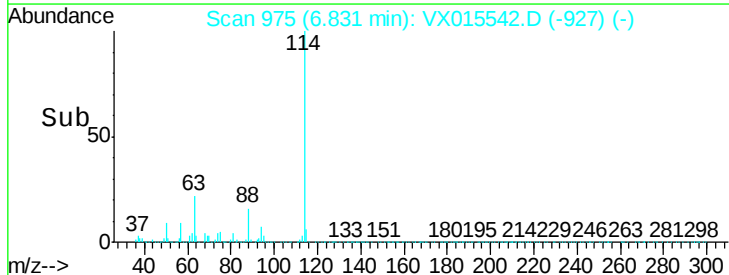
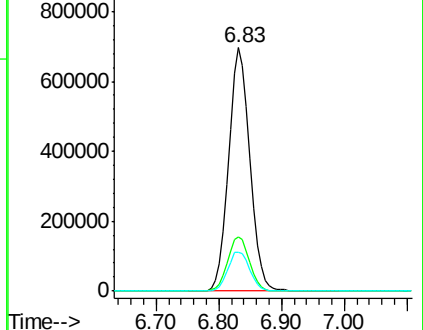
88 15.9 0.0 33.8

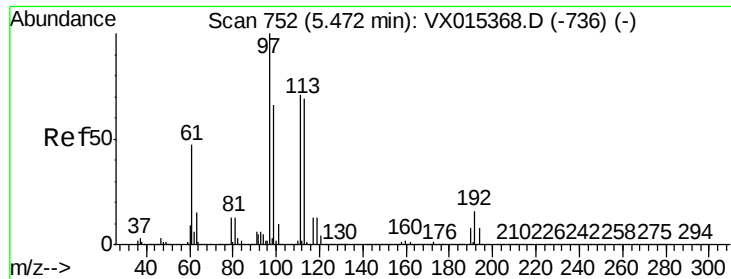


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





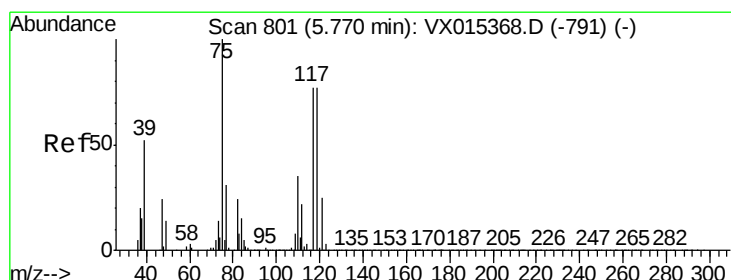
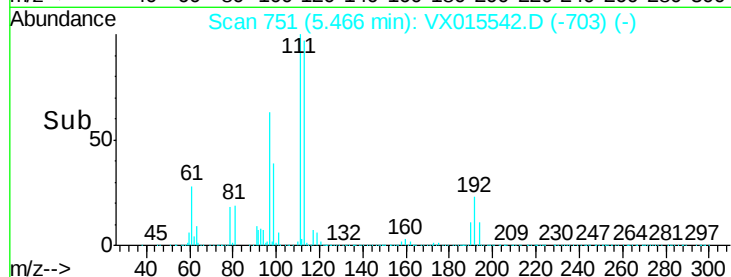
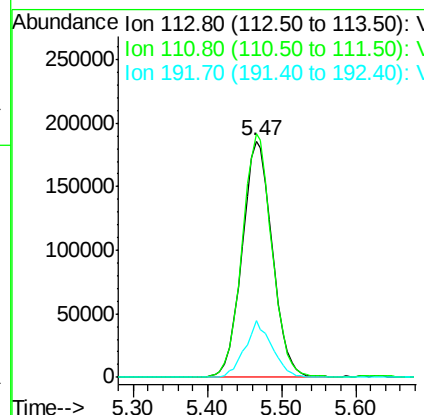
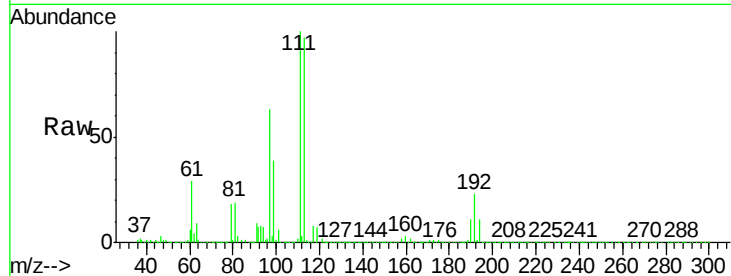
#35
 Dibromofluoromethane
 Concen: 50.580 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
113	100	527161		
111	101.5	81.5	122.3	
192	21.5	17.8	26.6	

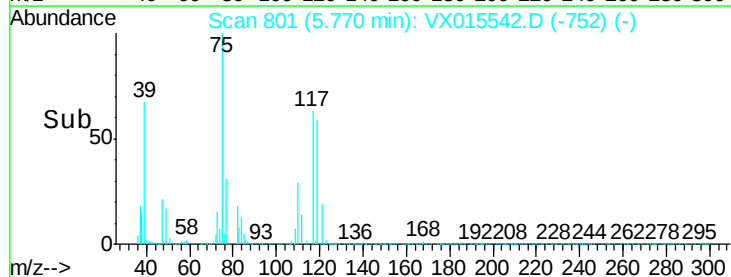
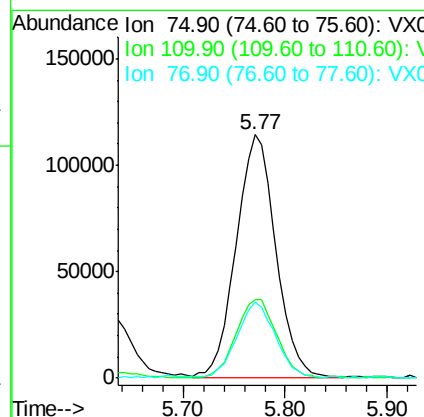
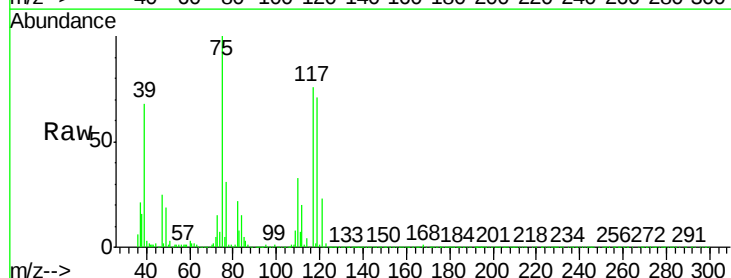
Manual Integrations
 APPROVED

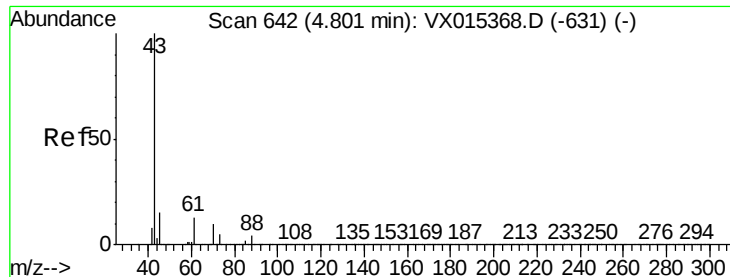
MMDadoda
 4/8/2020 11:12:32 AM



#36
 1,1-Dichloropropene
 Concen: 20.275 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	304581		
110	33.8	17.1	51.3	
77	30.1	24.6	36.8	





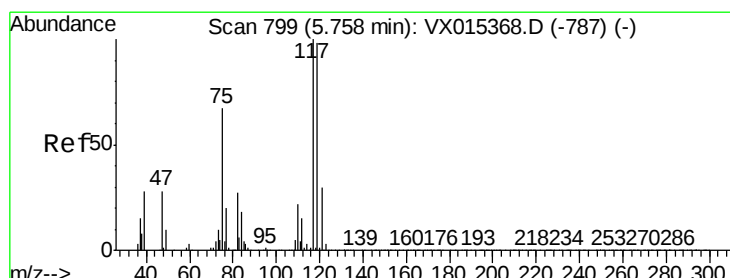
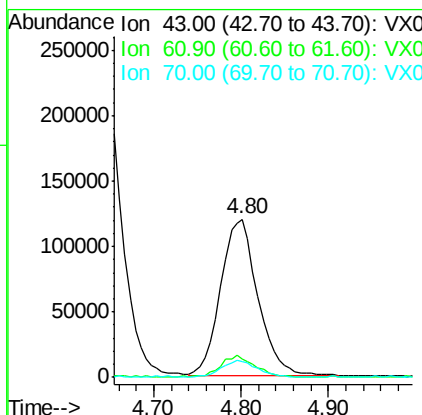
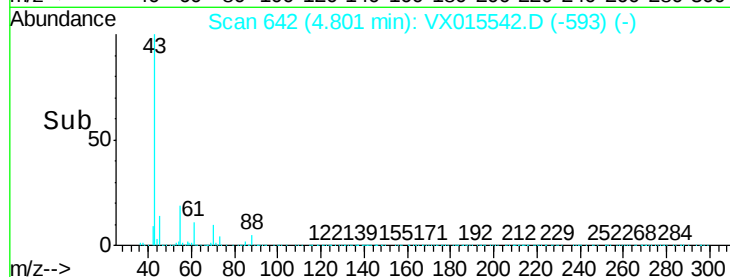
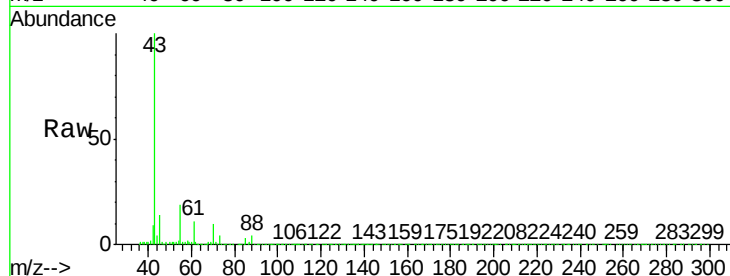
#37
Ethyl Acetate
Concen: 18.108 ug/l
RT: 4.80 min Scan# 642
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleID :
VX0407WBSD02

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

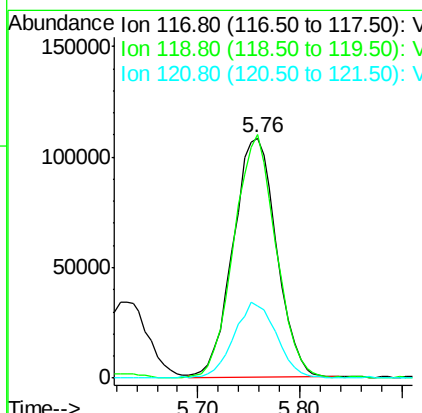
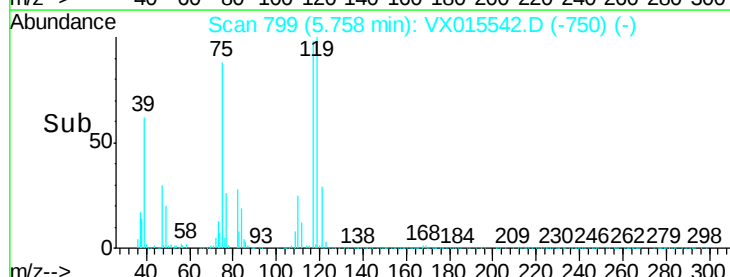
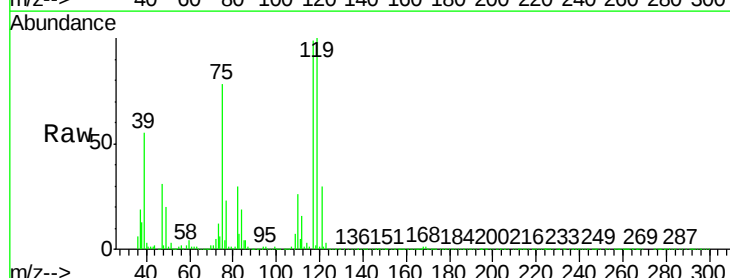
Manual Integrations
APPROVED

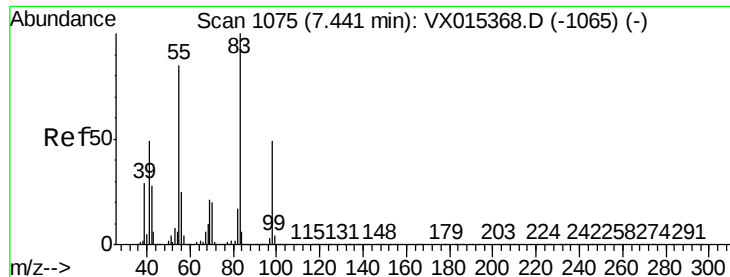
MMDadoda
4/8/2020 11:12:32 AM



#38
Carbon Tetrachloride
Concen: 19.640 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	101.1	78.0	117.0
121	30.0	23.8	35.8





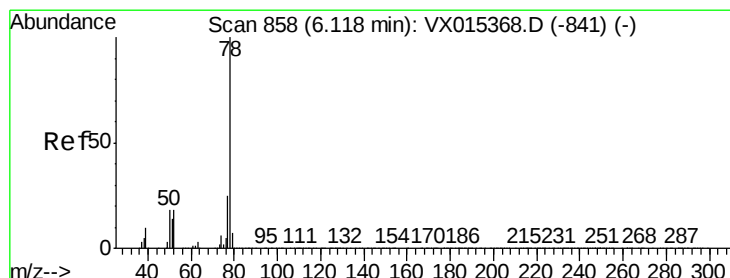
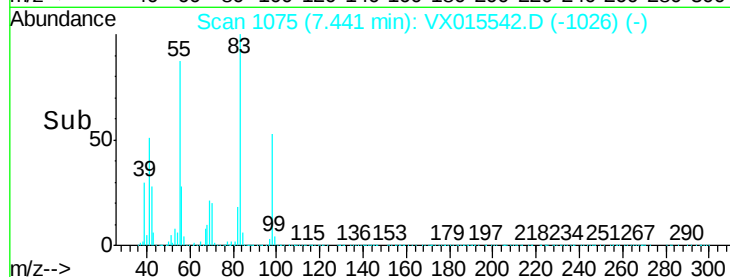
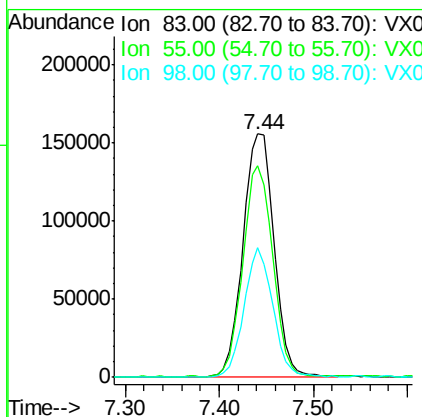
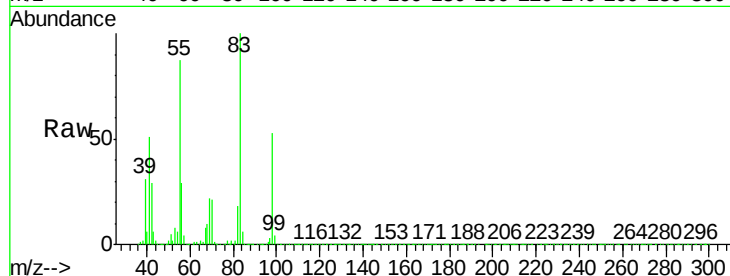
#39
Methvlcvclohexane
Concen: 20.666 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.8	67.8	101.6
98	53.2	39.3	58.9

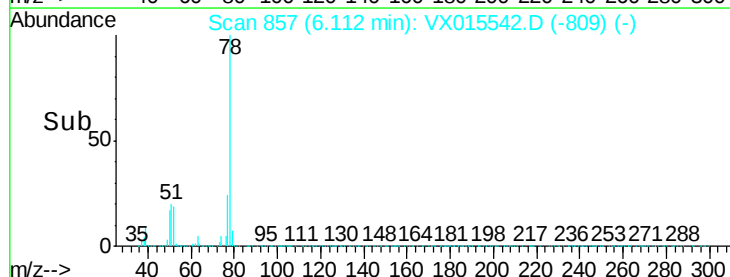
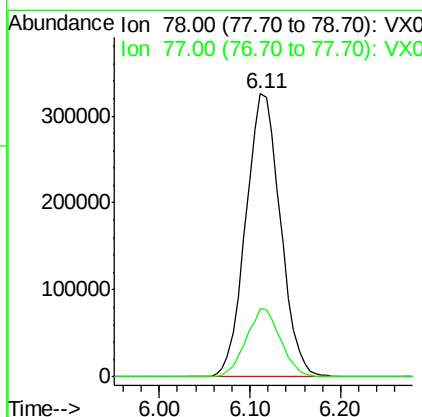
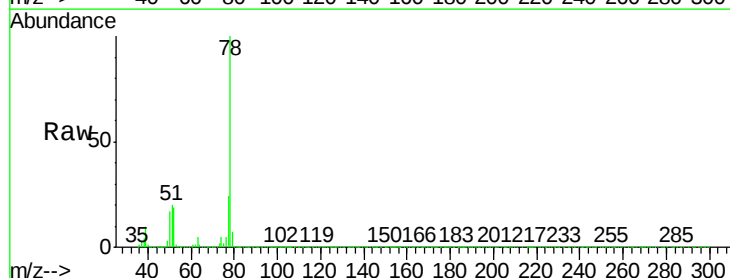
Manual Integrations
APPROVED

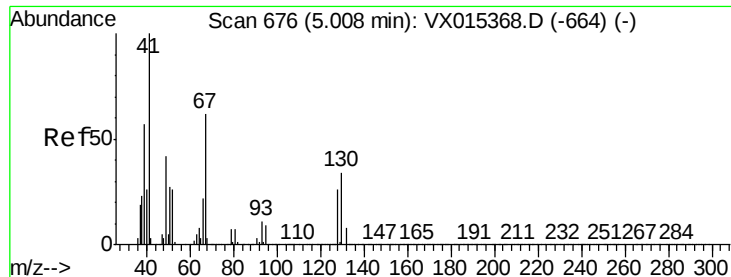
MMDadoda
4/8/2020 11:12:32 AM



#40
Benzene
Concen: 19.525 ug/l
RT: 6.11 min Scan# 857
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	19.8	29.8





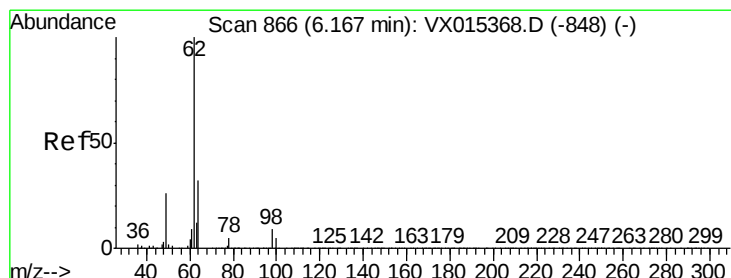
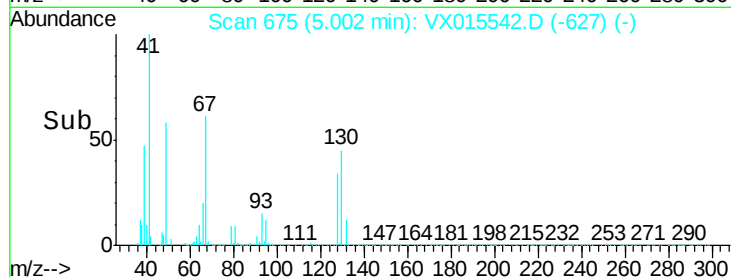
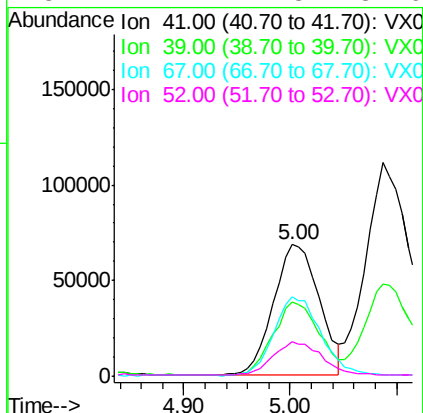
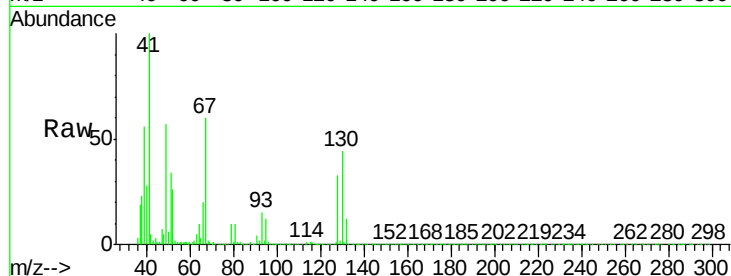
#41
Methacrylonitrile
Concen: 18.701 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.3	44.5	66.7
67	62.5	48.9	73.3
52	27.4	21.8	32.6

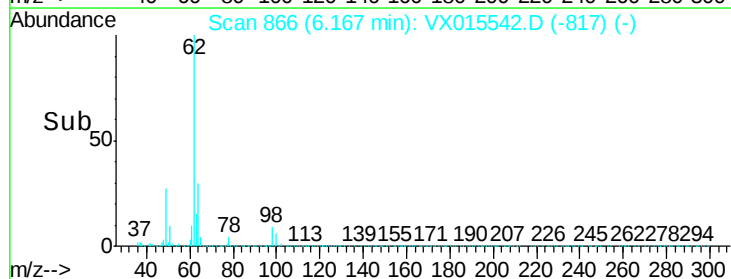
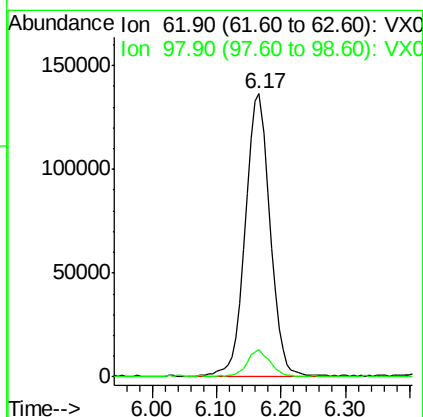
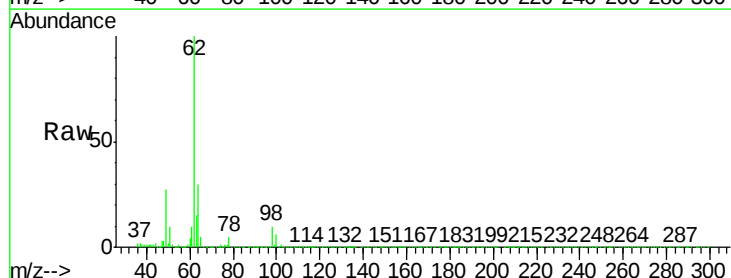
Manual Integrations
APPROVED

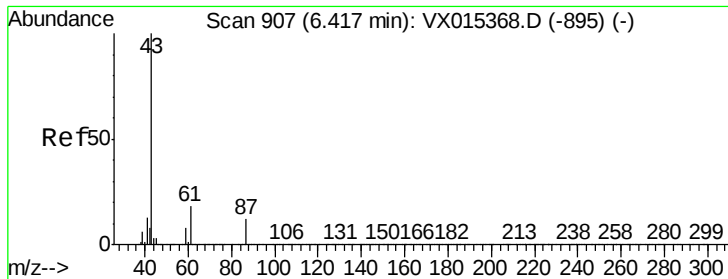
MMDadoda
4/8/2020 11:12:32 AM



#42
1,2-Dichloroethane
Concen: 20.109 ug/l
RT: 6.17 min Scan# 866
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

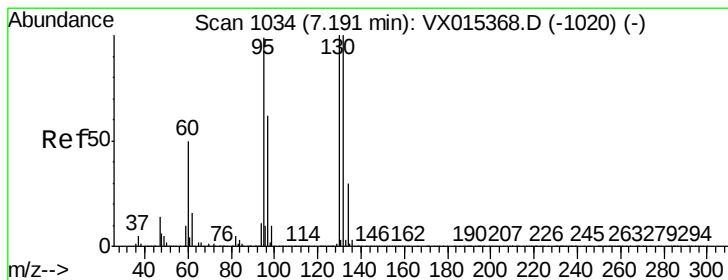
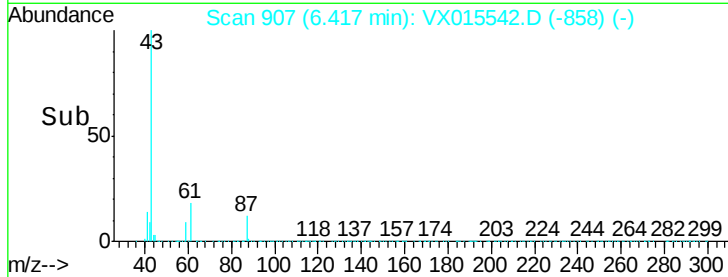
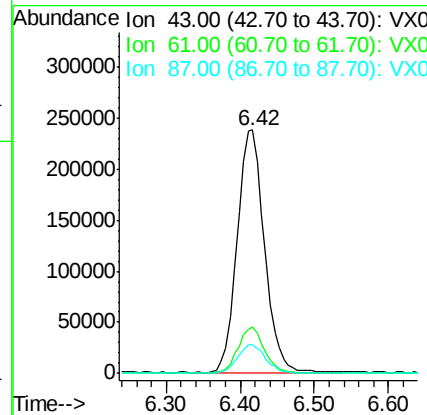
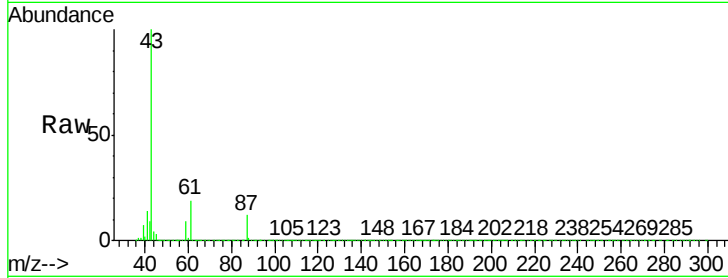
Isopropyl Acetate
 Concen: 18.497 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.4	14.8	22.2
87	12.0	9.4	14.0

Manual Integrations
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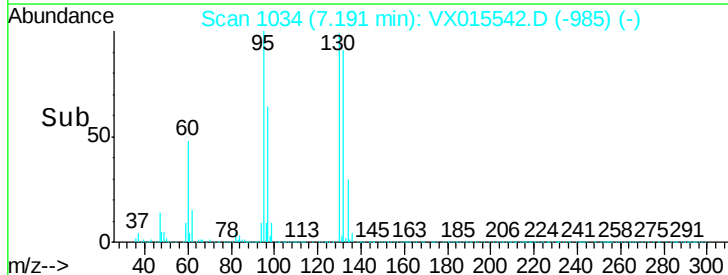
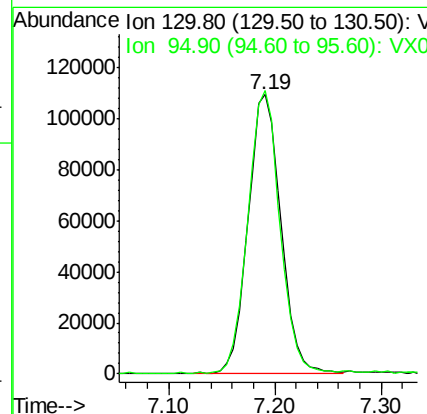
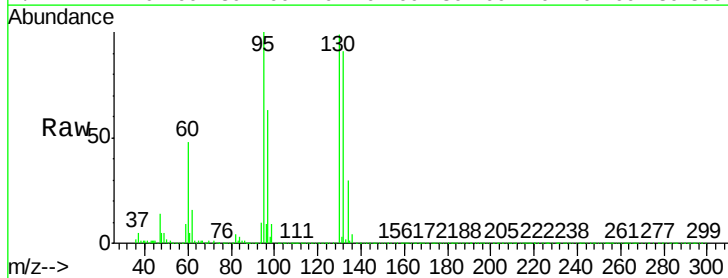
MMDadoda
 4/8/2020 11:12:32 AM

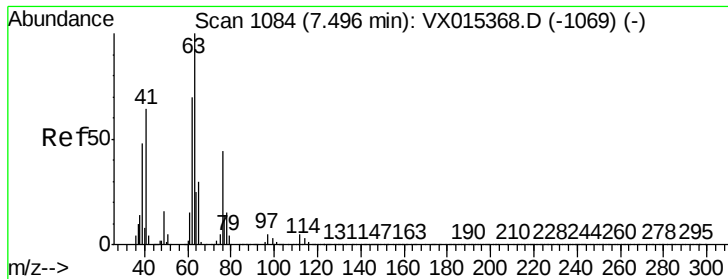


#44

Trichloroethene
 Concen: 19.851 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.0	0.0	199.0





#45

1,2-Dichloropropane

Concen: 19.465 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 63 Resp: 234329

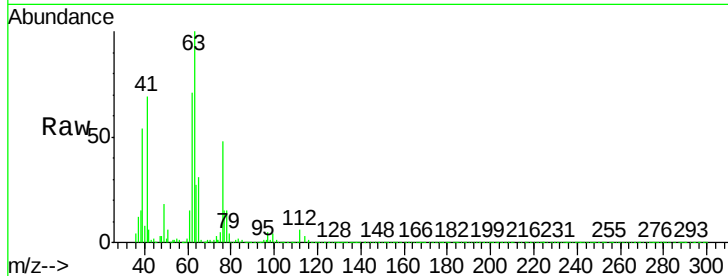
Ion Ratio Lower Upper

63 100

65 30.7 23.9 35.9

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:12:32 AM



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.49

120000

100000

80000

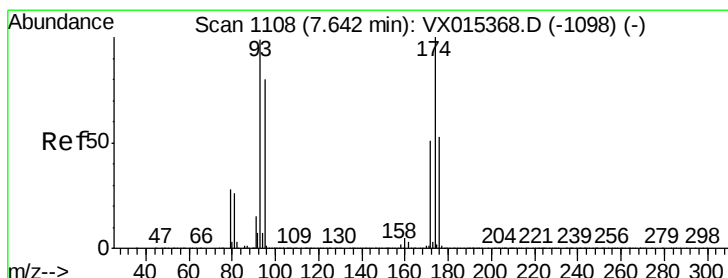
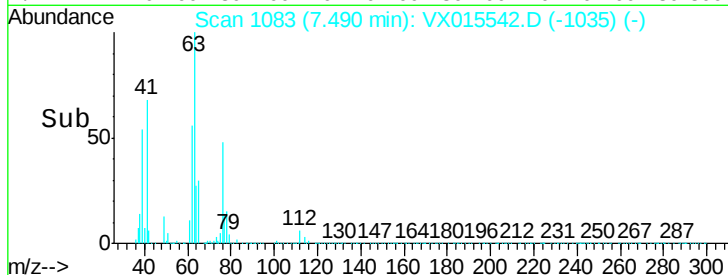
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 19.749 ug/l

RT: 7.64 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

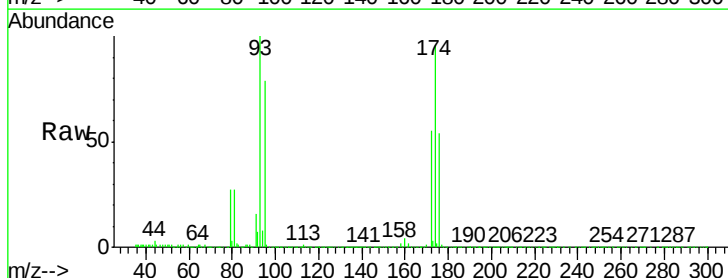
Tgt Ion: 93 Resp: 155956

Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.8

174 107.9 86.2 129.2



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

100000

80000

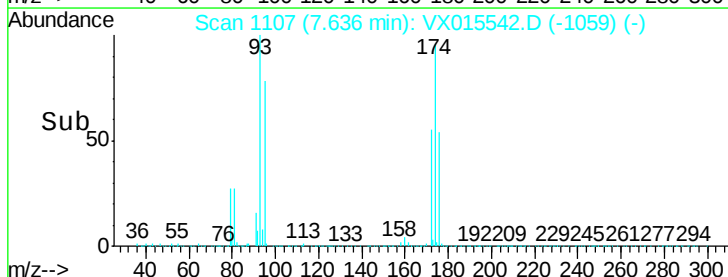
60000

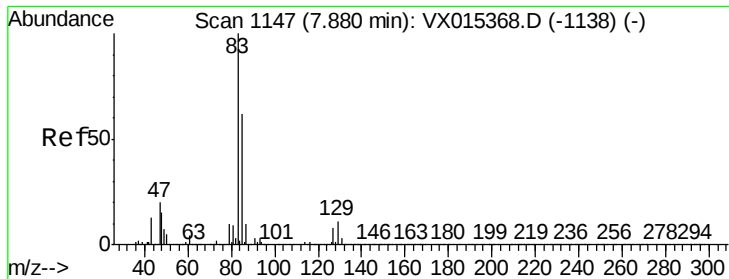
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 19.461 ug/l

RT: 7.87 min Scan# 1146

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

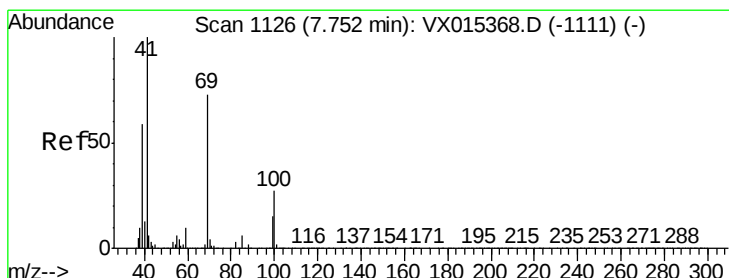
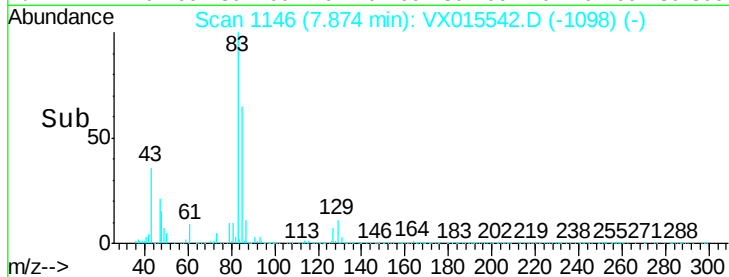
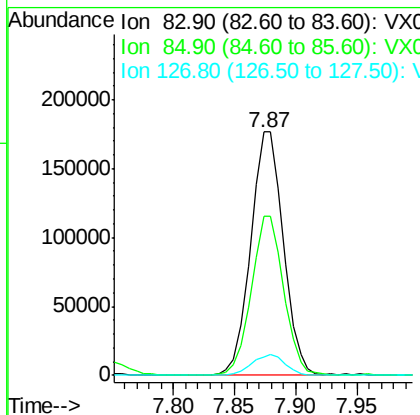
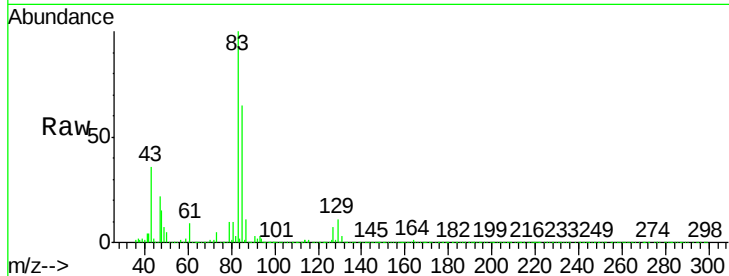
ClientSampleId :

VX0407WBSD02

Tot Ion:	83	Resp:	327466
Ion Ratio	Lower	Upper	
83	100		
85	65.1	49.7	74.5
127	7.2	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 18.796 ug/l

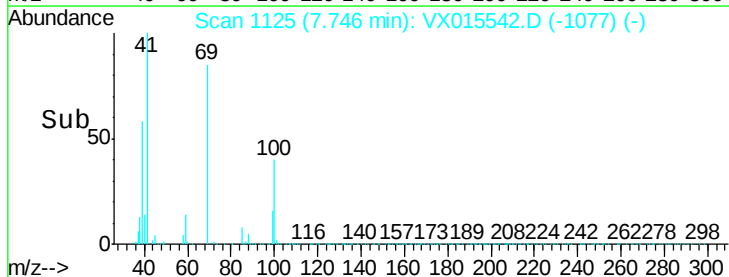
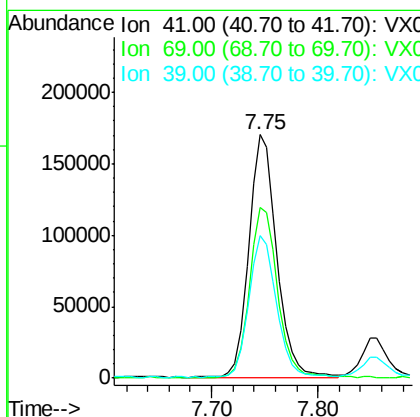
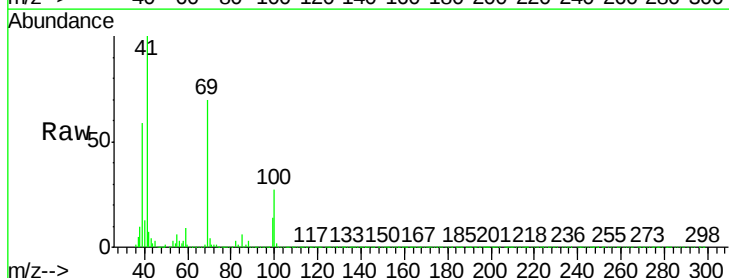
RT: 7.75 min Scan# 1125

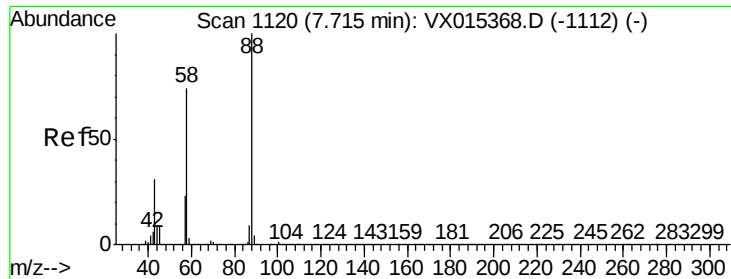
Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	41	Resp:	310012
Ion Ratio	Lower	Upper	
41	100		
69	71.3	56.7	85.1
39	57.8	46.5	69.7





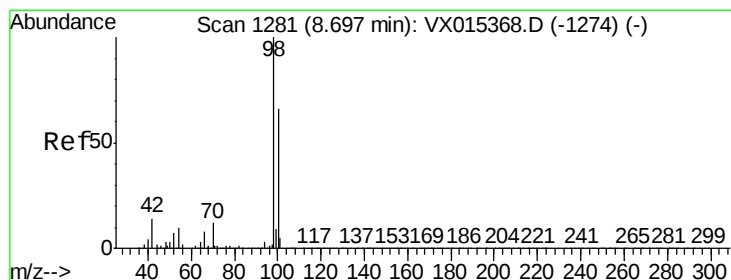
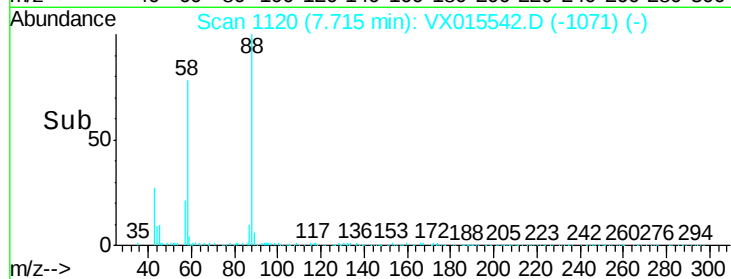
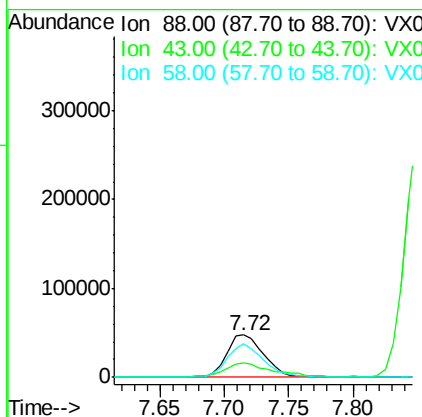
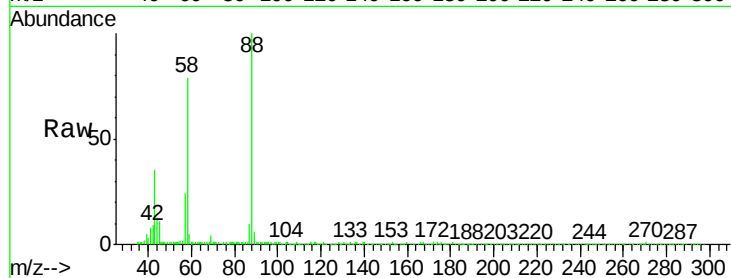
#49
1,4-Dioxane
Concen: 313.050 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
88	100		
43	40.6	30.1	45.1
58	78.2	60.6	90.8

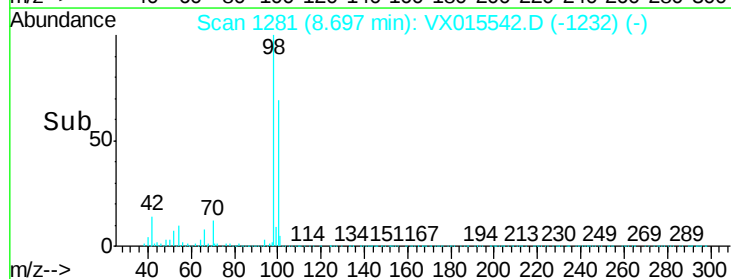
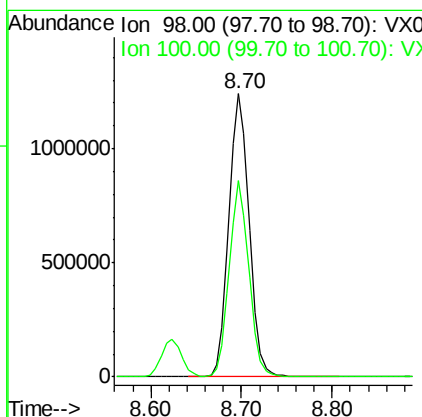
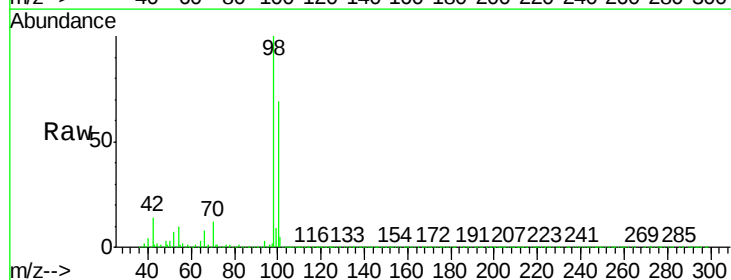
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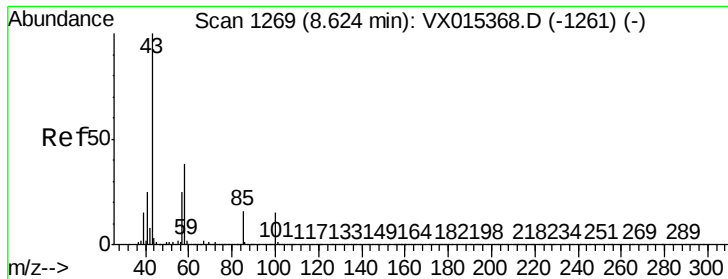
MMDadoda
4/8/2020 11:12:32 AM



#50
Toluene-d8
Concen: 50.332 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 94.029 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 43 Resp: 1759593

Ion Ratio Lower Upper

43 100

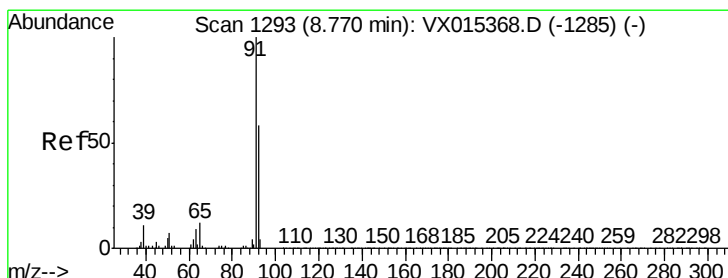
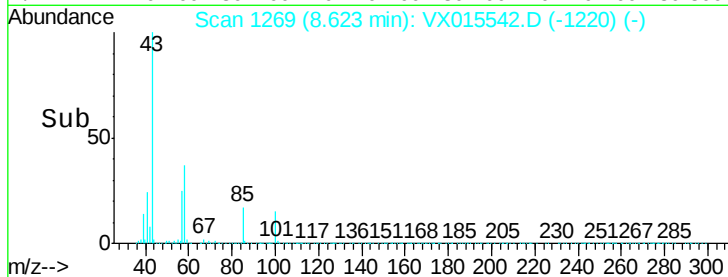
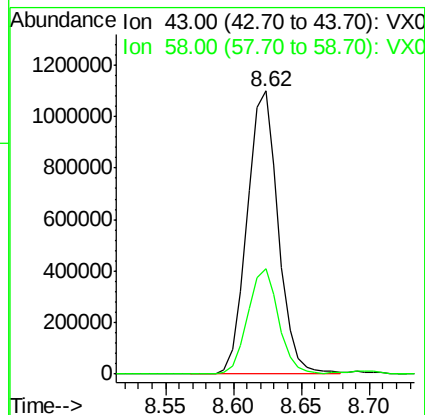
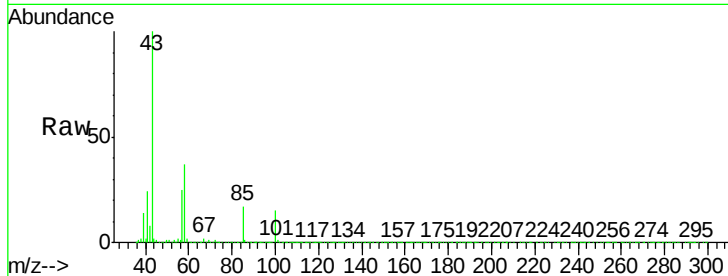
58 36.9 29.7 44.5

Manual Integrations

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4/8/2020 11:12:32 AM



#52

Toluene

Concen: 20.445 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015542.D

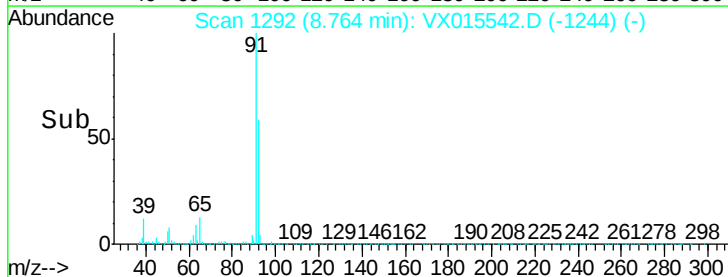
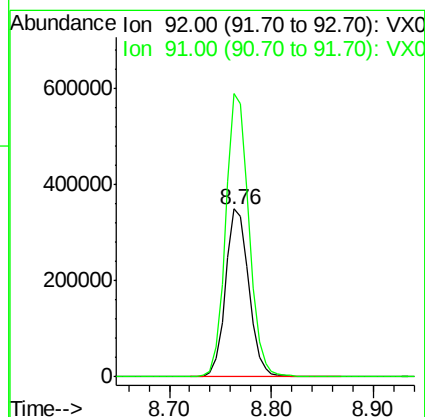
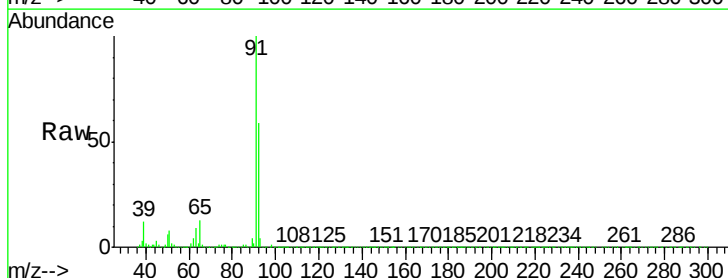
Acq: 07 Apr 2020 16:47

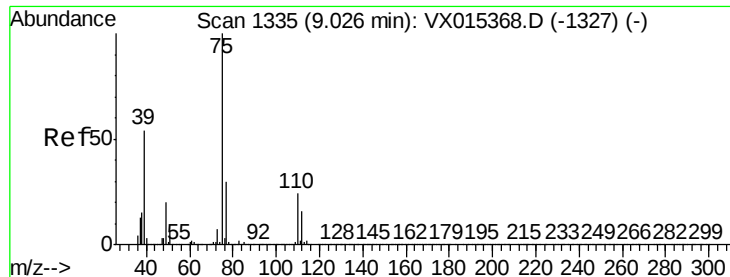
Tgt Ion: 92 Resp: 554695

Ion Ratio Lower Upper

92 100

91 167.6 136.6 205.0





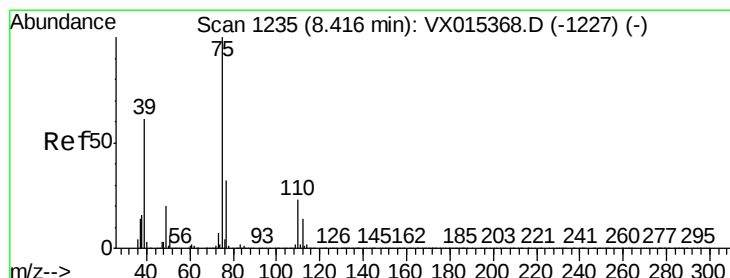
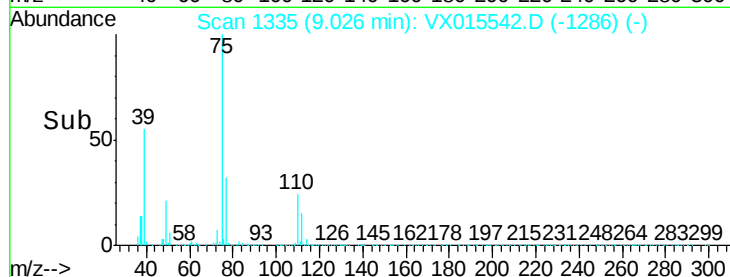
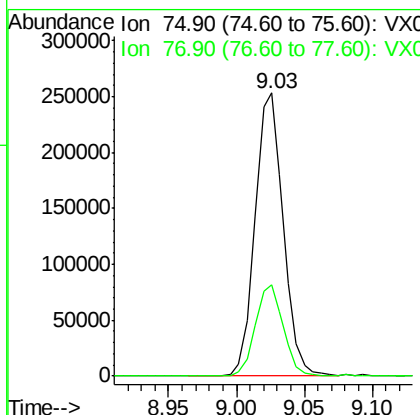
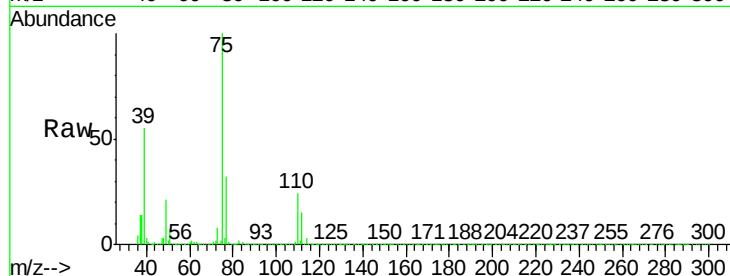
#53
t-1,3-Dichloropropene
Concen: 18.648 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
75	100	368013		
77	32.1	24.1	36.1	

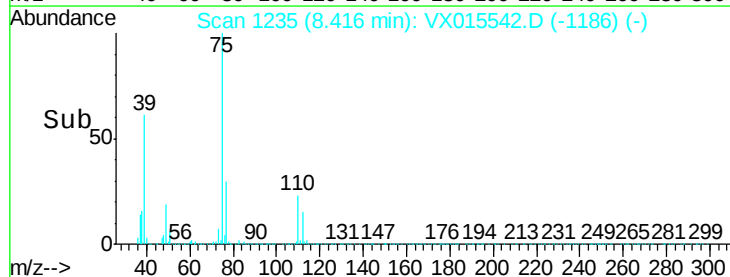
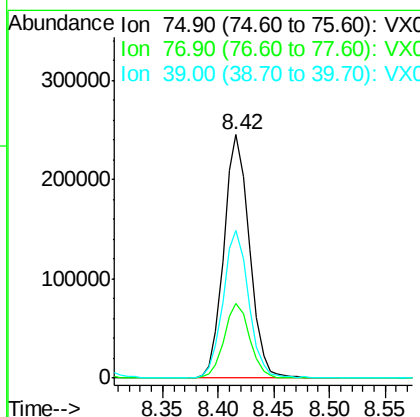
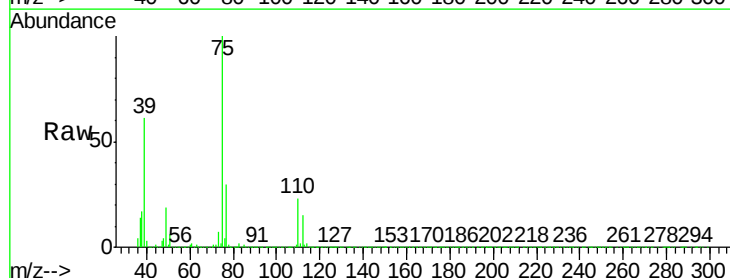
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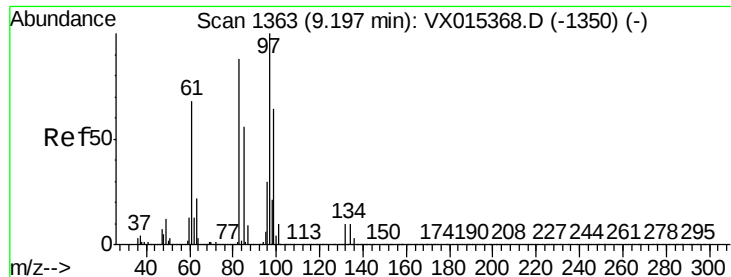
MMDadoda
4/8/2020 11:12:32 AM



#54
cis-1,3-Dichloropropene
Concen: 19.361 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	389198		
77	30.3	25.8	38.6	
39	60.4	49.0	73.4	





#55

1,1,2-Trichloroethane

Concen: 20.045 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

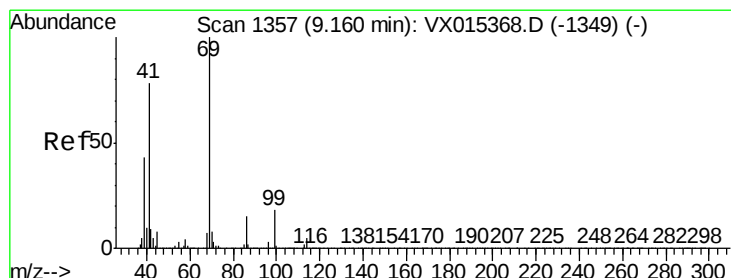
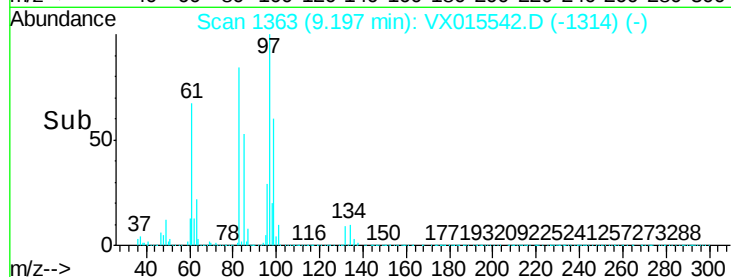
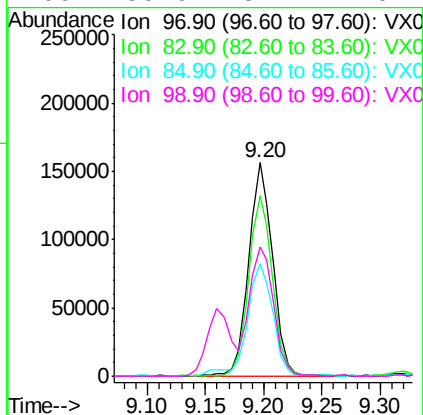
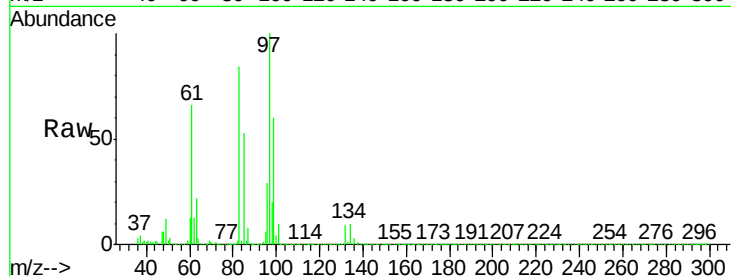
ClientSampleId :

VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
97	100	222812		
83	84.4	70.2	105.4	
85	52.8	44.7	67.1	
99	59.9	51.1	76.7	

Manual Integrations
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#56

Ethyl methacrylate

Concen: 19.381 ug/l

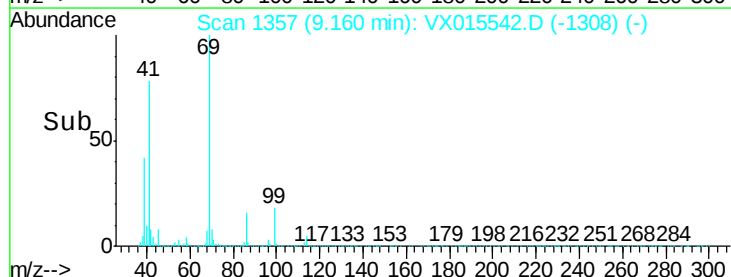
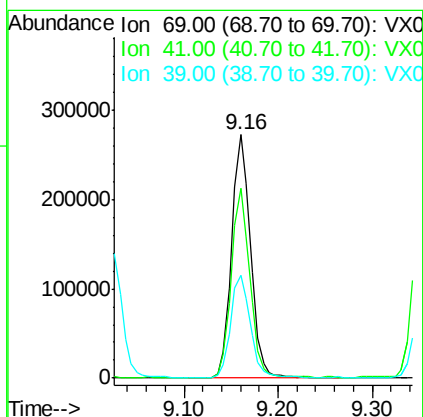
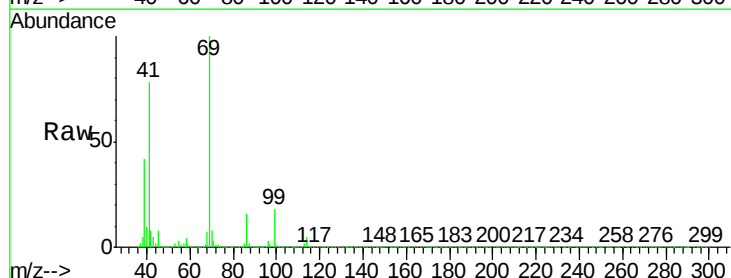
RT: 9.16 min Scan# 1357

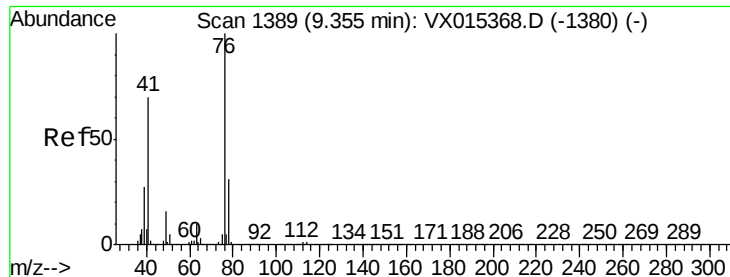
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	379666		
41	76.7	61.6	92.4	
39	43.5	34.0	51.0	





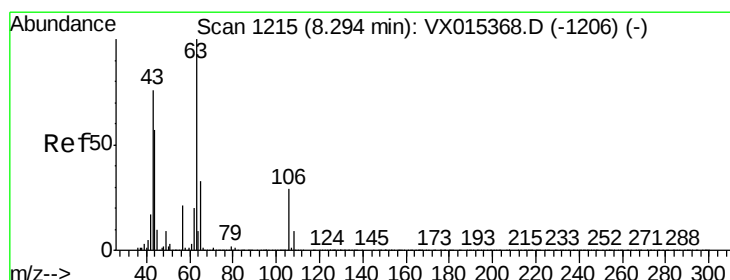
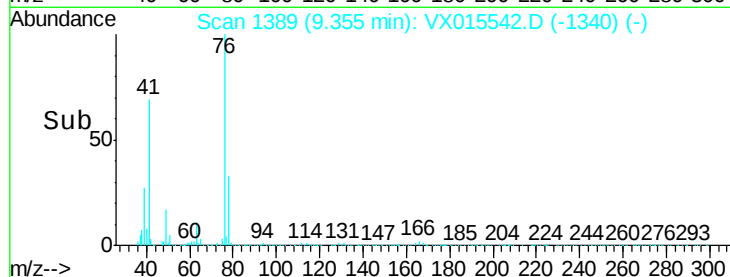
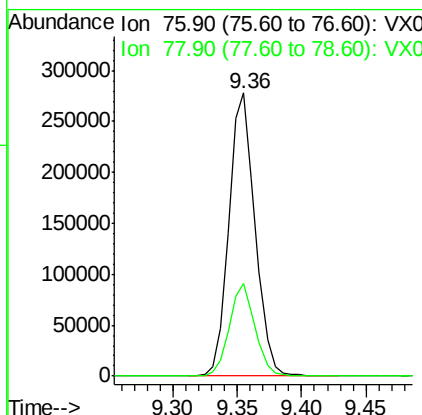
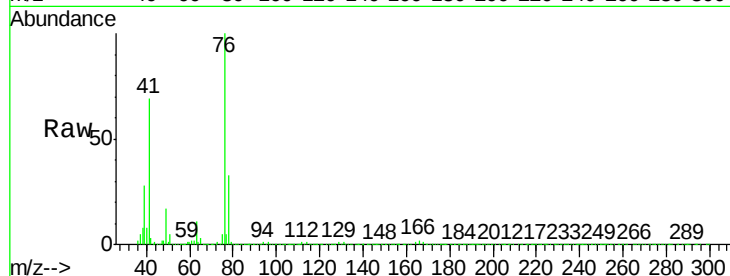
#57
 1,3-Dichloropropane
 Concen: 19.676 ug/l
 RT: 9.36 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.1	25.8	38.8

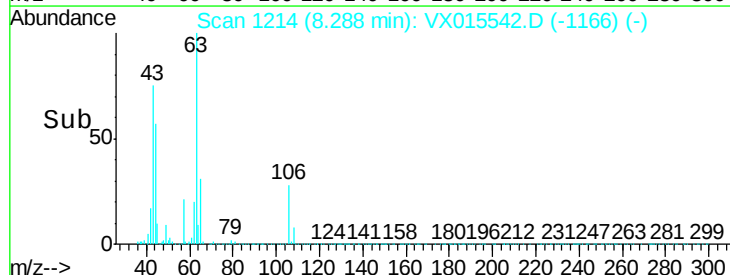
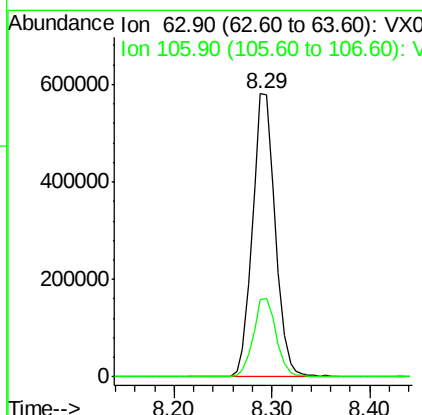
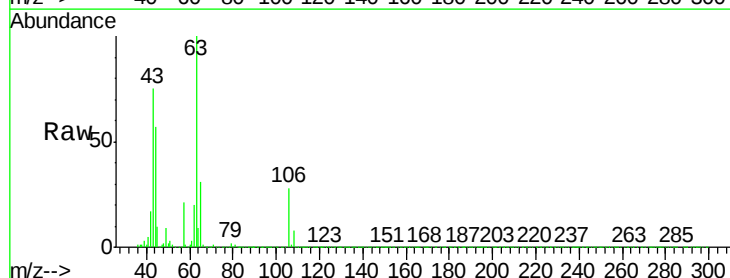
Manual Integrations
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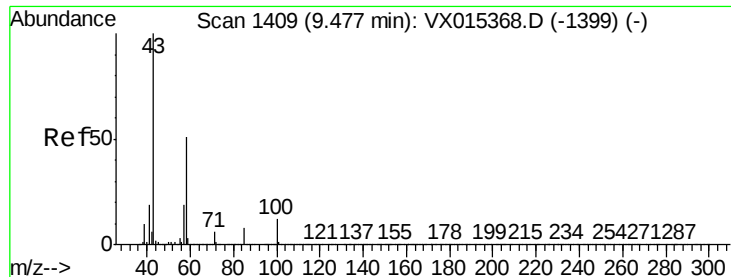
MMDadoda
 4/8/2020 11:12:32 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.882 ug/l
 RT: 8.29 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	28.0	22.7	34.1





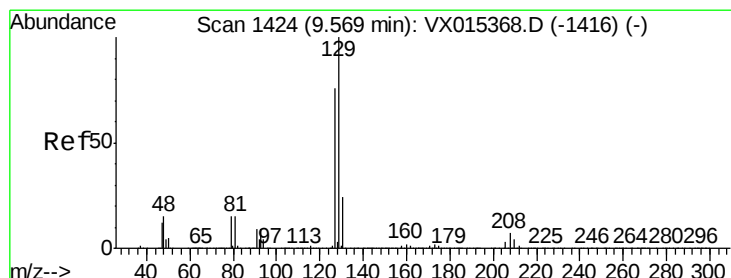
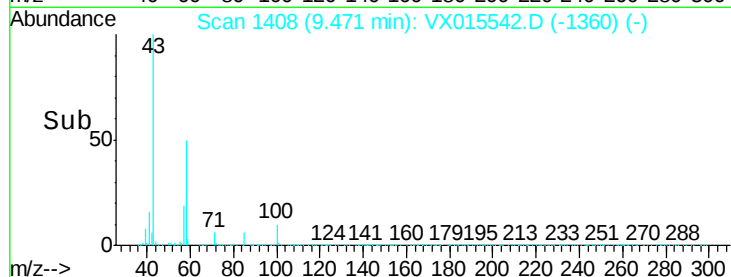
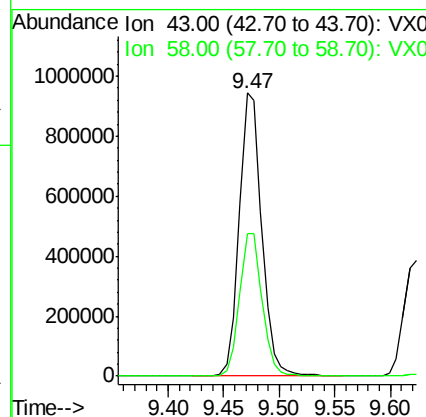
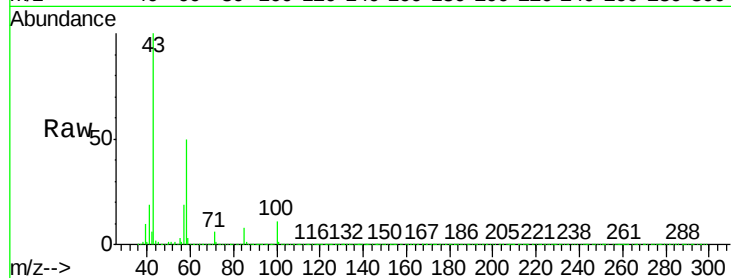
#59
2-Hexanone
Concen: 93.329 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion: 43 Resp: 1318567
Ion Ratio Lower Upper
43 100
58 50.9 25.6 76.6

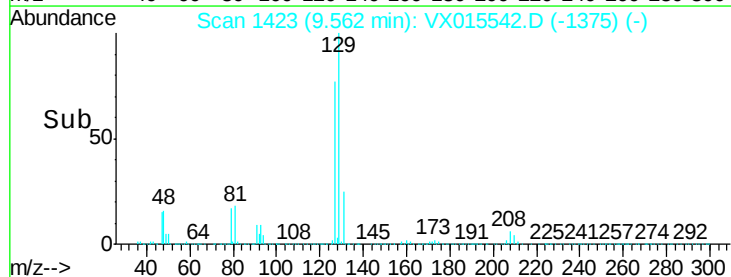
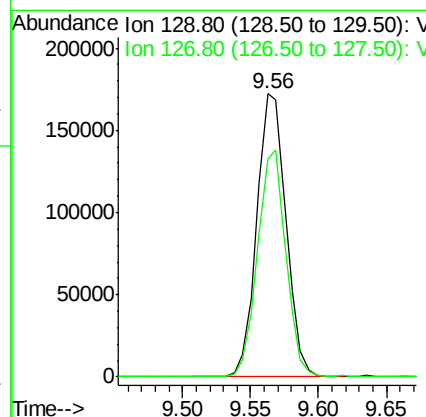
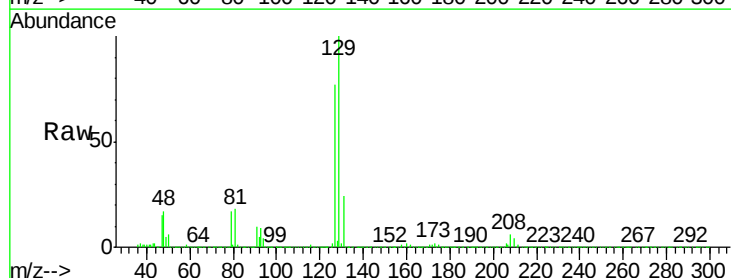
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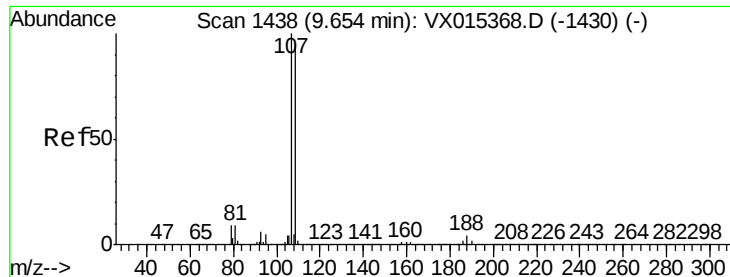
MMDadoda
4/8/2020 11:12:32 AM



#60
Dibromochloromethane
Concen: 19.513 ug/l
RT: 9.56 min Scan# 1423
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion:129 Resp: 260636
Ion Ratio Lower Upper
129 100
127 77.4 38.2 114.6





#61

1,2-Dibromoethane

Concen: 19.859 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 107 Resp: 240018

Ion Ratio Lower Upper

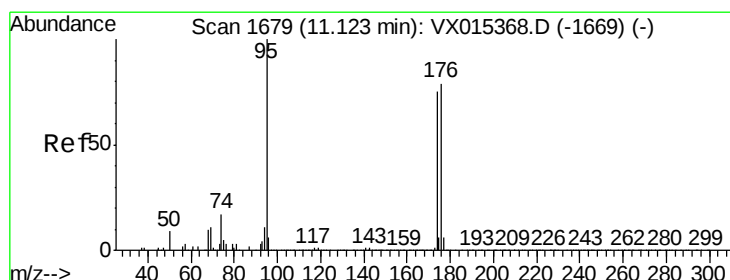
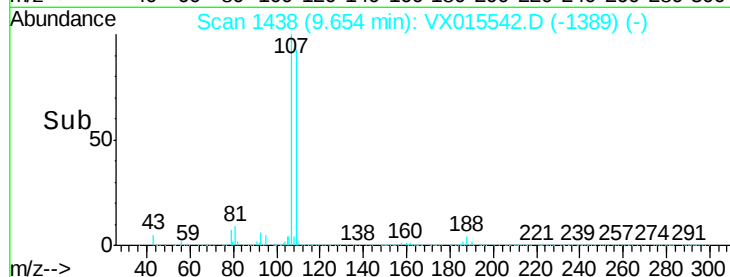
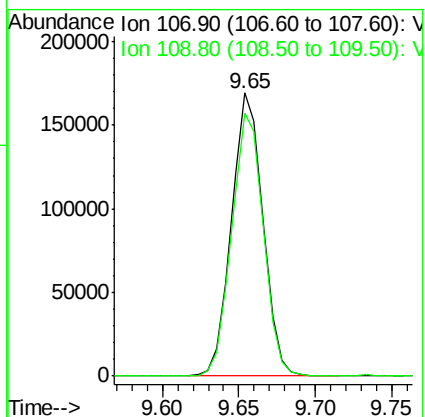
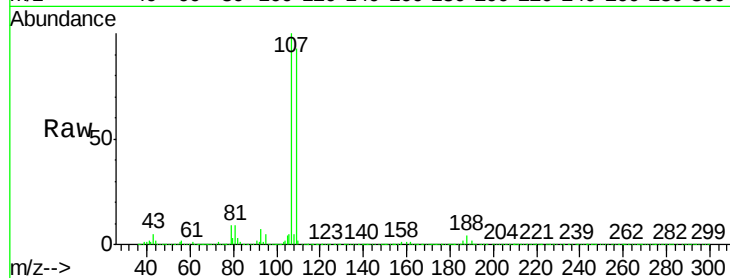
107 100

109 93.8 74.8 112.2

Manual Integrations
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MMDadoda

4/8/2020 11:12:32 AM



#62

4-Bromofluorobenzene

Concen: 51.407 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

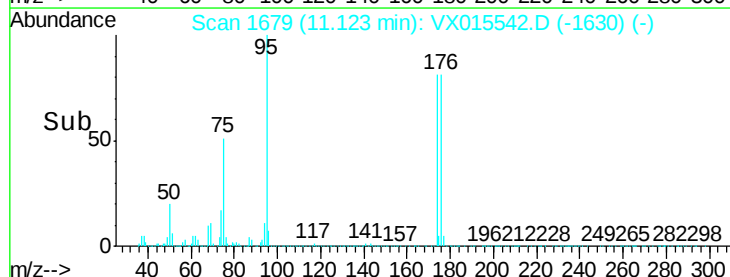
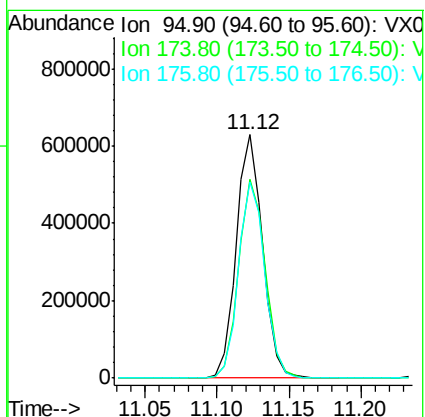
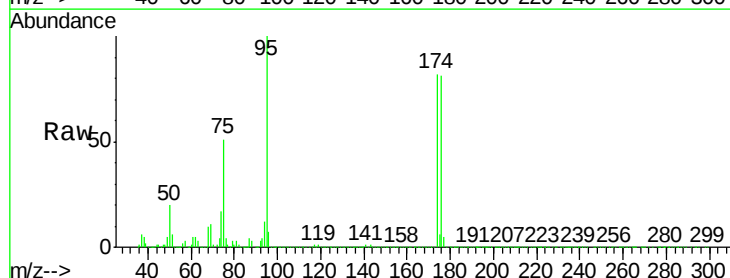
Tgt Ion: 95 Resp: 801658

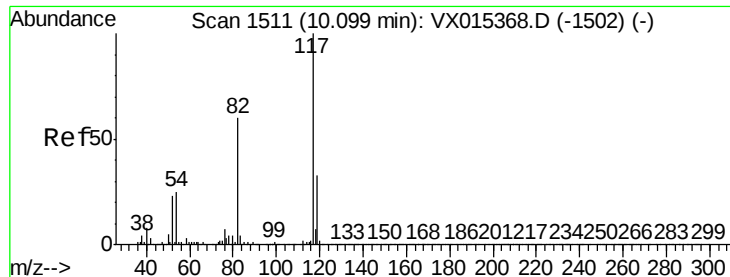
Ion Ratio Lower Upper

95 100

174 82.0 0.0 158.6

176 80.1 0.0 159.0





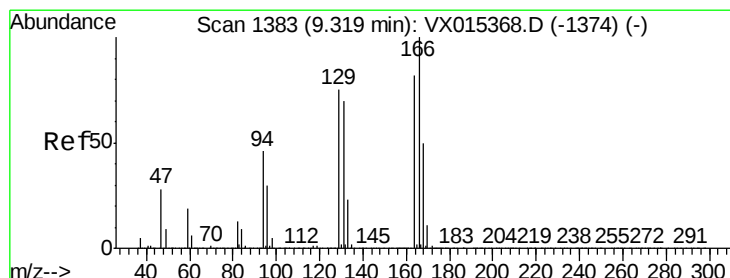
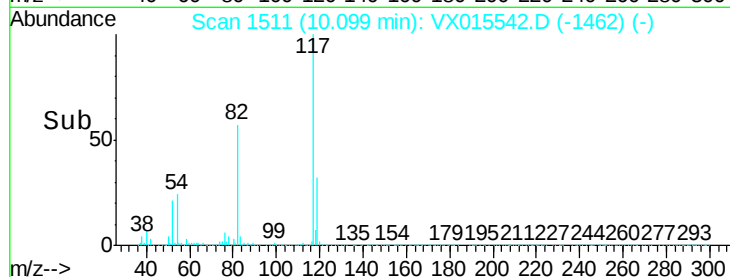
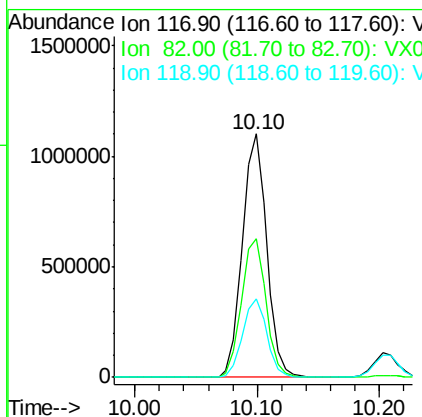
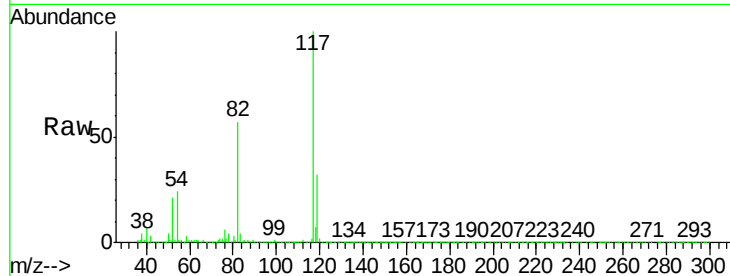
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.8
119	32.4	26.8	40.2

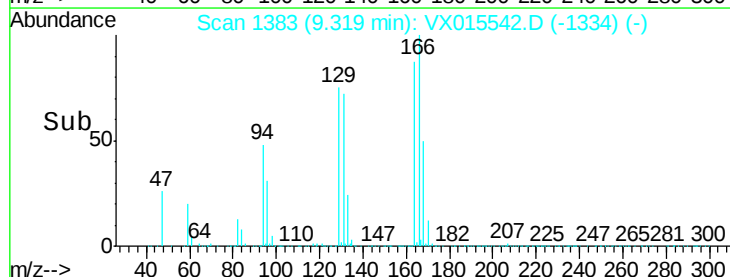
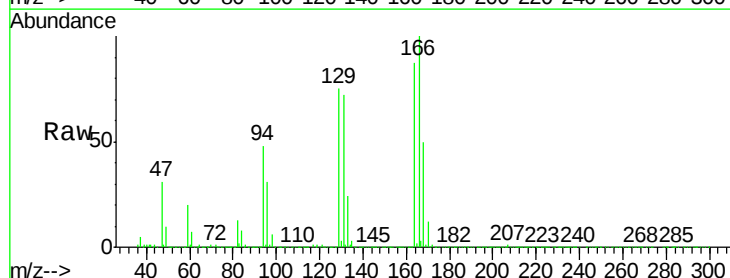
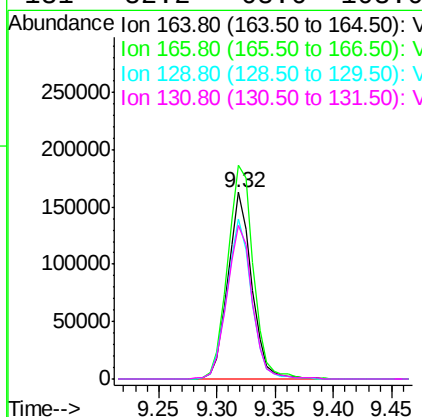
Manual Integrations
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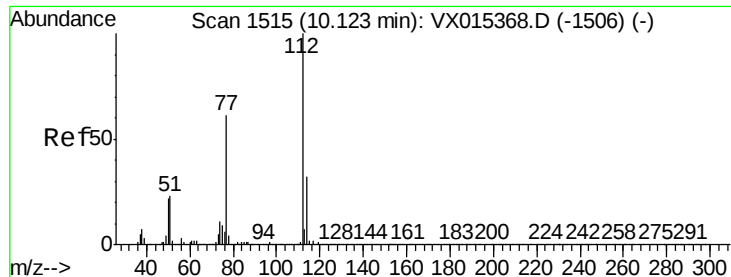
MMDadoda
4/8/2020 11:12:32 AM



#64
Tetrachloroethene
Concen: 20.235 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
164	100		
166	114.7	97.8	146.6
129	86.1	73.0	109.4
131	82.2	68.6	103.0





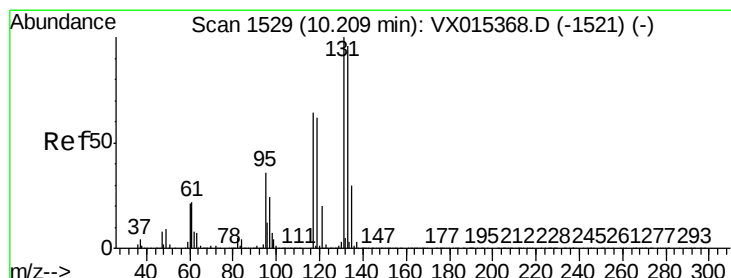
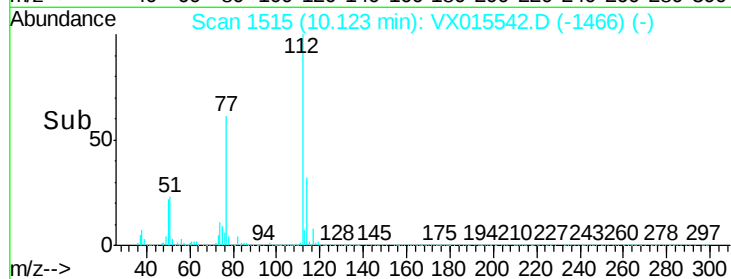
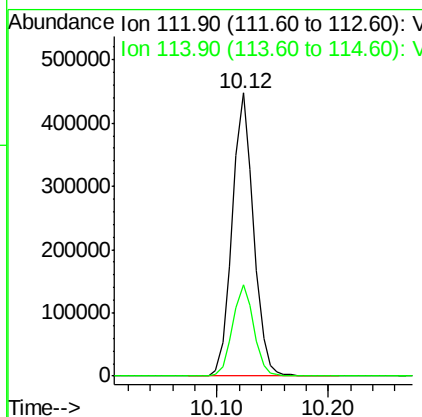
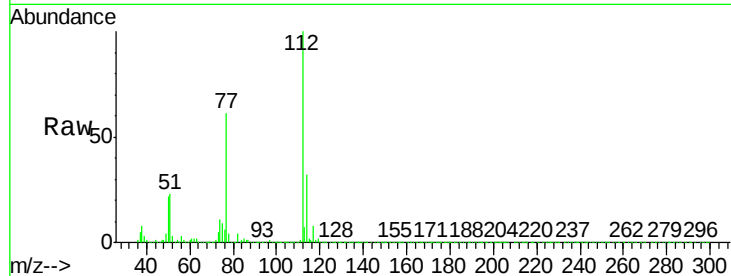
#65
Chlorobenzene
Concen: 19.663 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.3	25.5	38.3

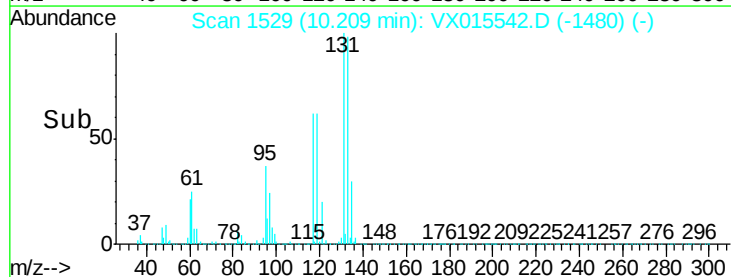
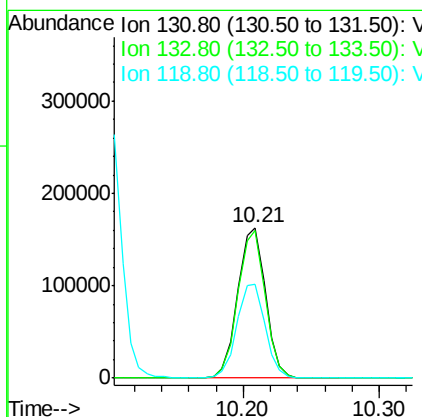
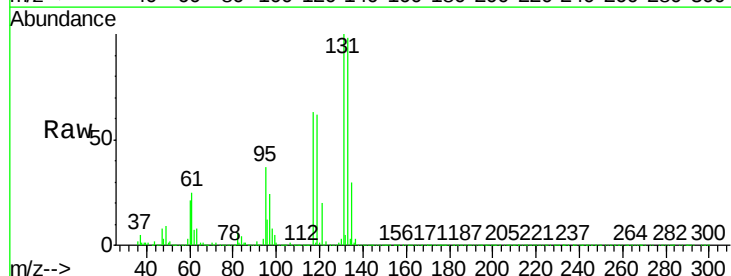
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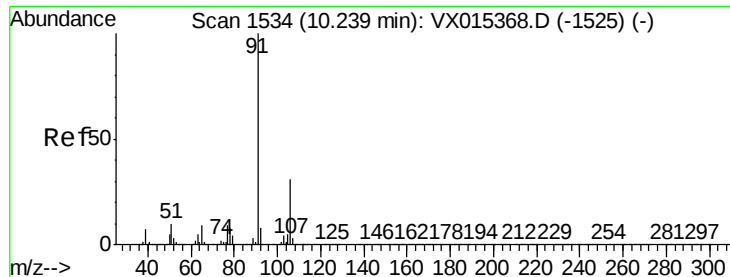
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 19.267 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.1	47.6	142.9
119	62.9	31.1	93.3





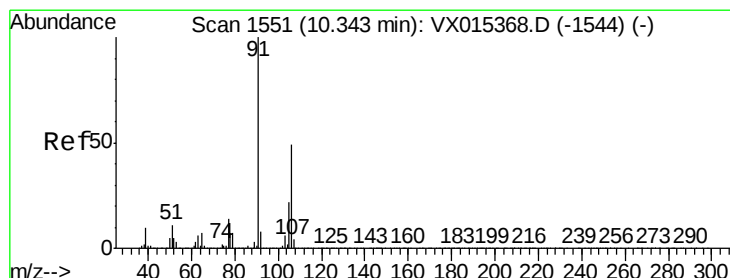
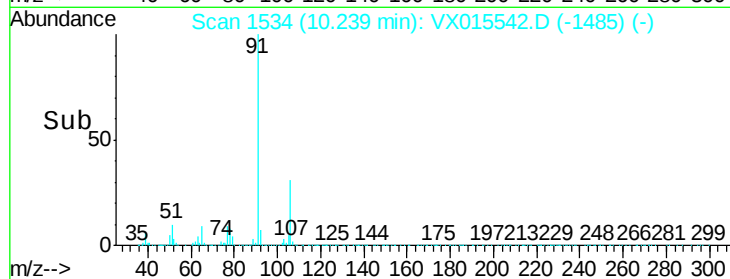
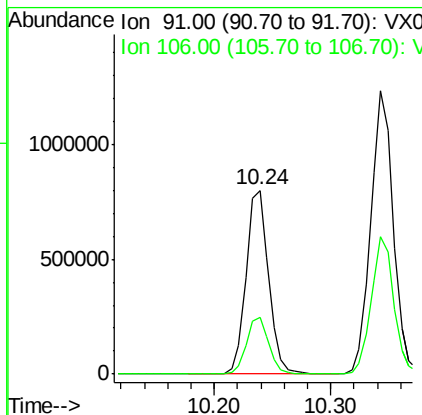
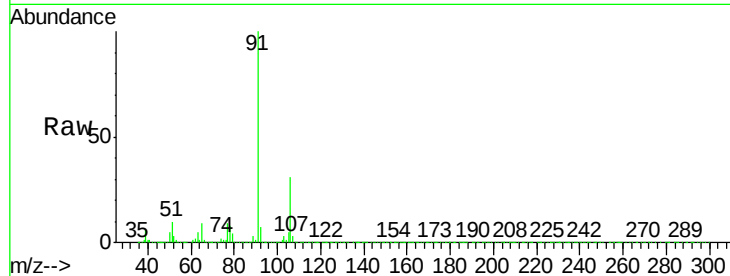
#67
Ethyl Benzene
Concen: 20.249 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion: 91 Resp: 1081370
Ion Ratio Lower Upper
91 100
106 30.7 24.8 37.2

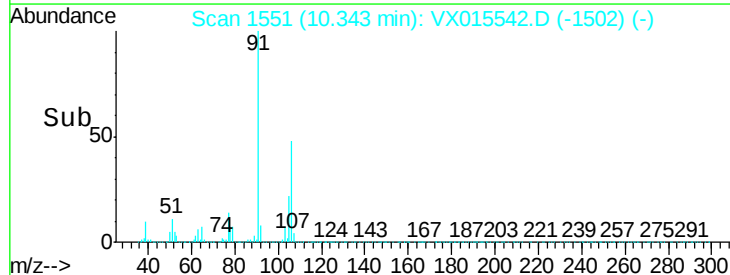
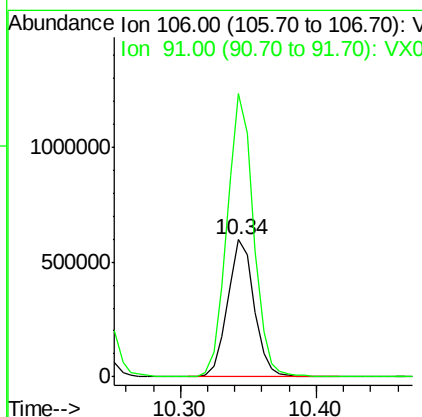
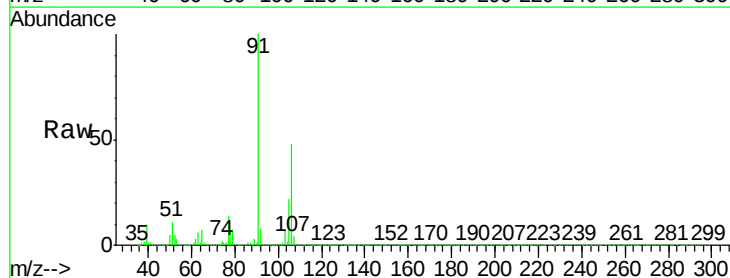
Manual Integrations
APPROVED

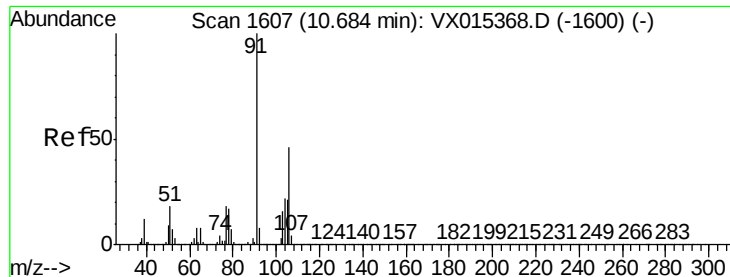
MMDadoda
4/8/2020 11:12:32 AM



#68
m/p-Xylenes
Concen: 40.674 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion: 106 Resp: 808839
Ion Ratio Lower Upper
106 100
91 205.6 163.4 245.0





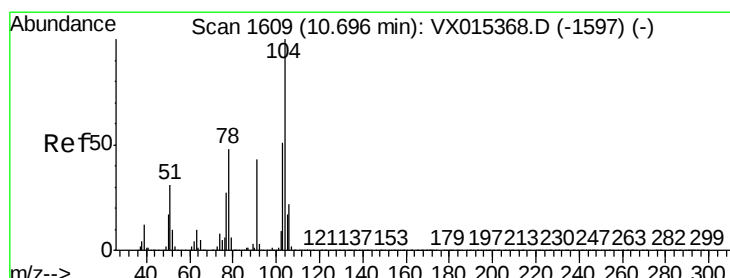
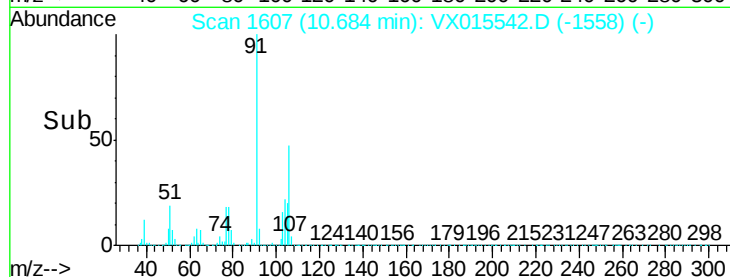
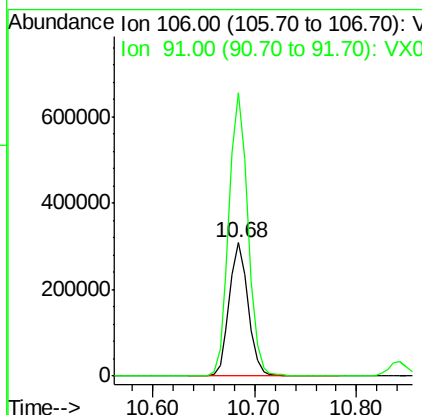
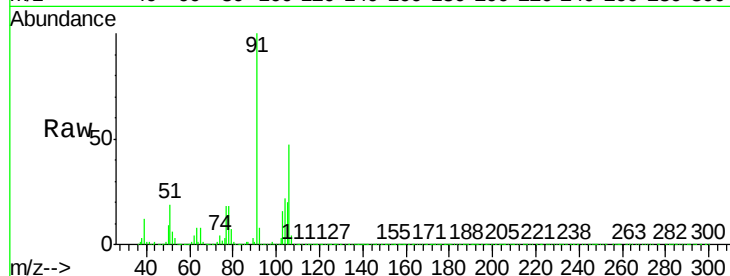
#69
o-Xylene
Concen: 19.967 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
106	100	392365		
91	214.6	107.1	321.3	

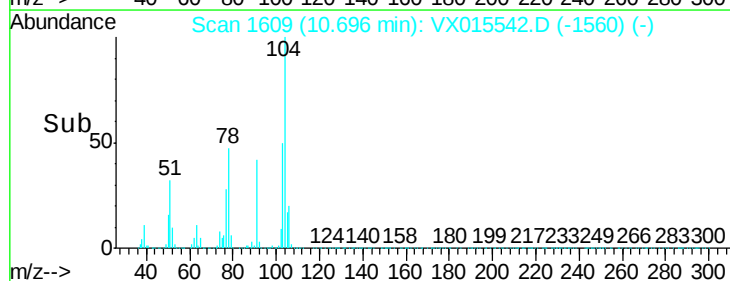
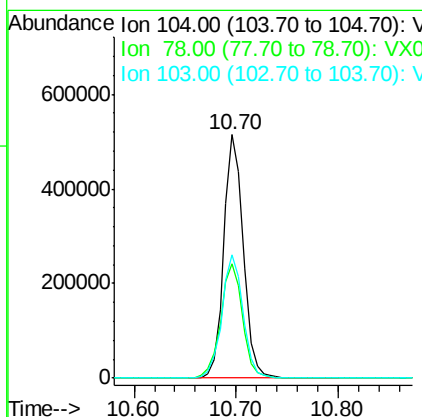
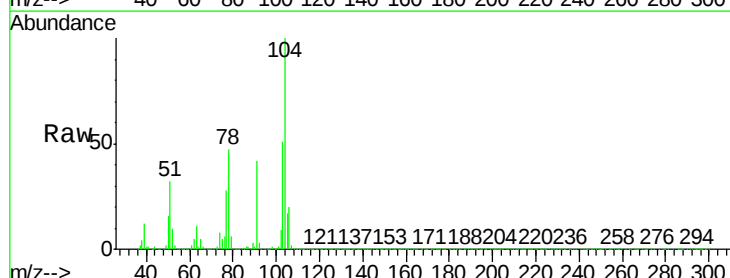
Manual Integrations
APPROVED

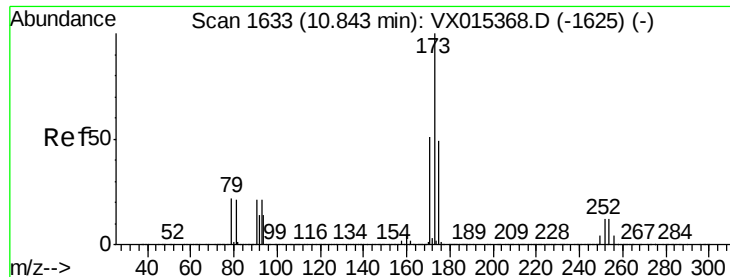
MMDadoda
4/8/2020 11:12:32 AM



#70
Styrene
Concen: 19.725 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	682061		
78	53.4	42.0	63.0	
103	54.8	43.4	65.0	





#71

Bromoform

Concen: 18.026 ug/l

RT: 10.84 min Scan# 1633

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

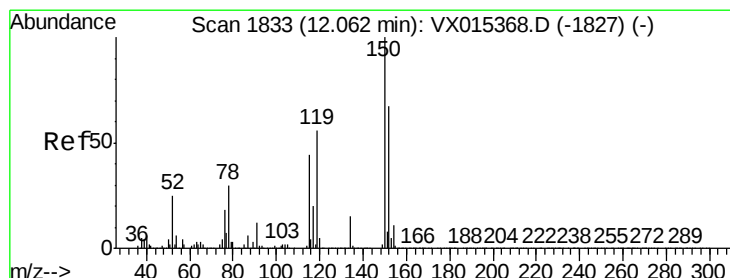
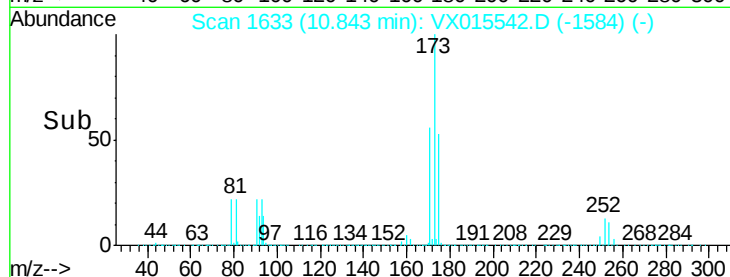
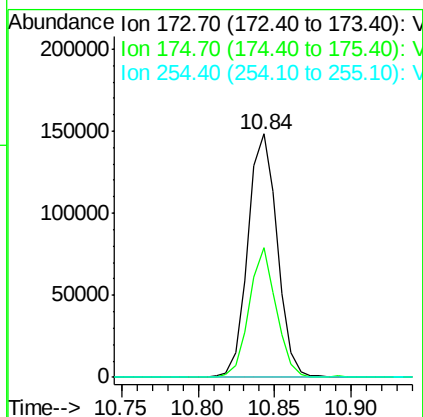
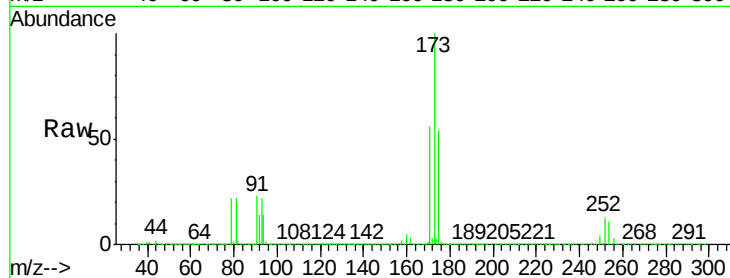
ClientSampleId :

VX0407WBSD02

Tot Ion:	173	Resp:	197401
Ion Ratio	Lower	Upper	
173	100		
175	49.4	23.9	71.7
254	0.2	0.1	0.1#

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

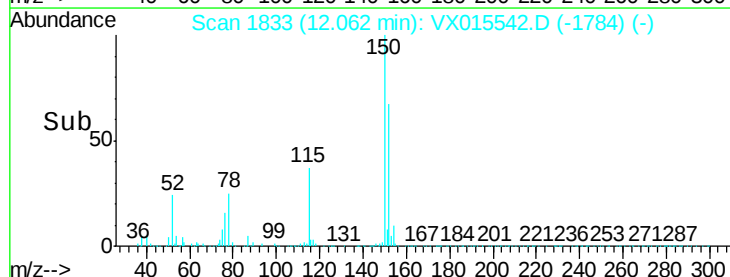
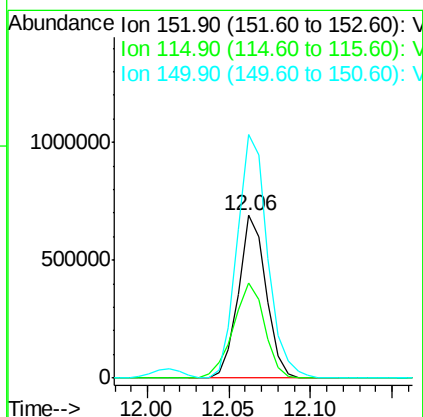
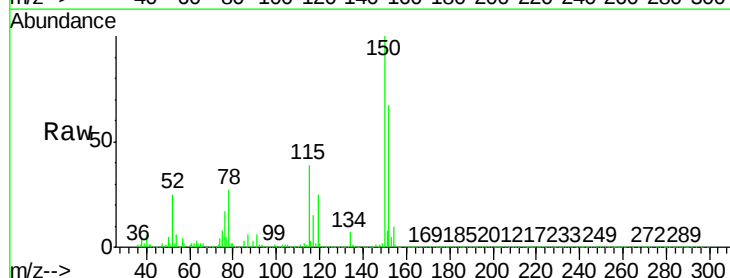
RT: 12.06 min Scan# 1833

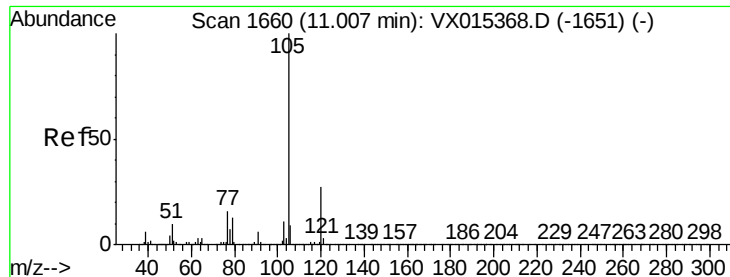
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	152	Resp:	817149
Ion Ratio	Lower	Upper	
152	100		
115	66.3	39.0	116.9
150	164.0	0.0	340.8





#73

Isopropylbenzene

Concen: 20.066 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion:105 Resp: 1074337

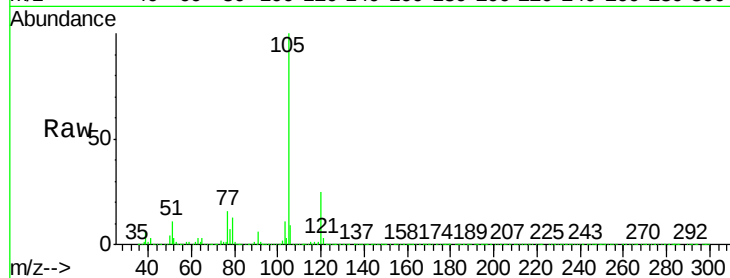
Ion Ratio Lower Upper

105 100

120 26.0 13.2 39.5

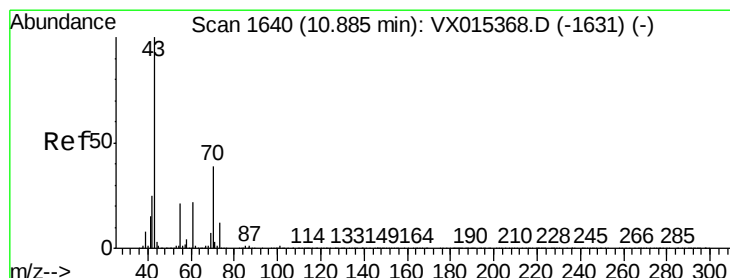
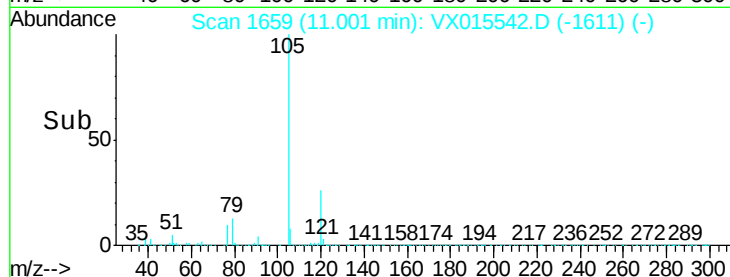
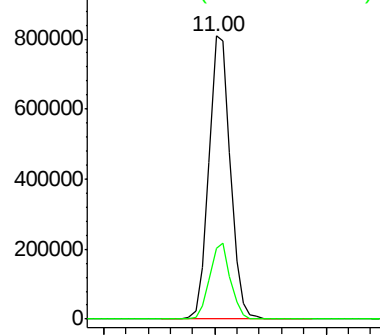
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 18.220 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. -0.01 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion: 43 Resp: 542579

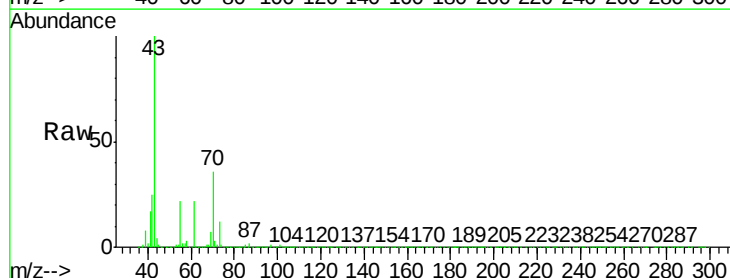
Ion Ratio Lower Upper

43 100

70 38.5 30.2 45.4

55 21.7 16.8 25.2

61 22.7 18.2 27.2

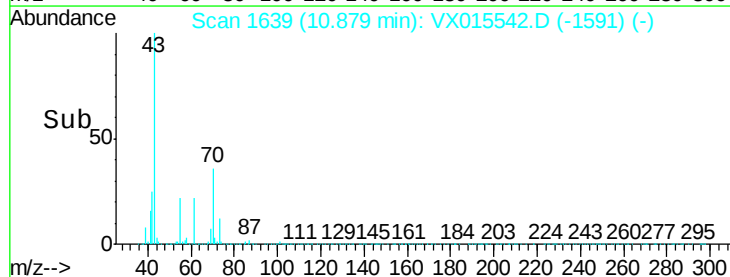
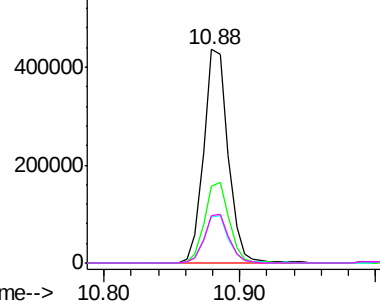


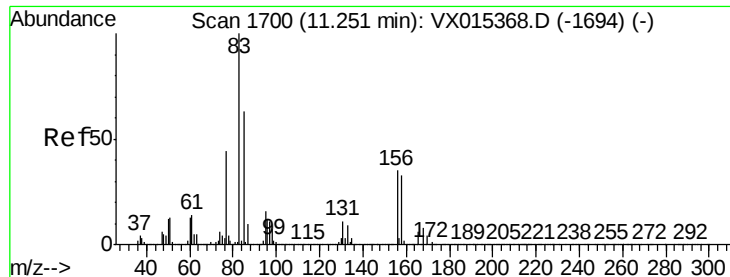
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.142 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion: 83 Resp: 333312

Ion Ratio Lower Upper

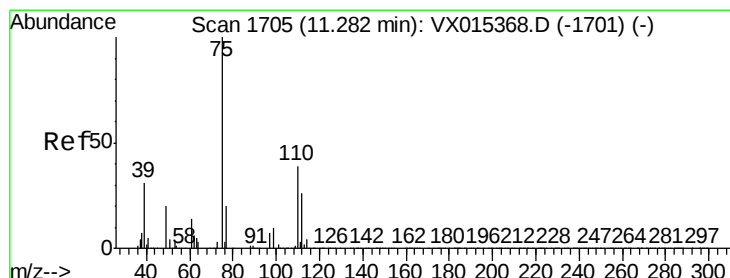
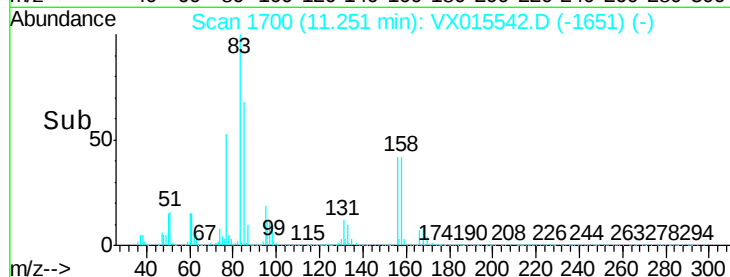
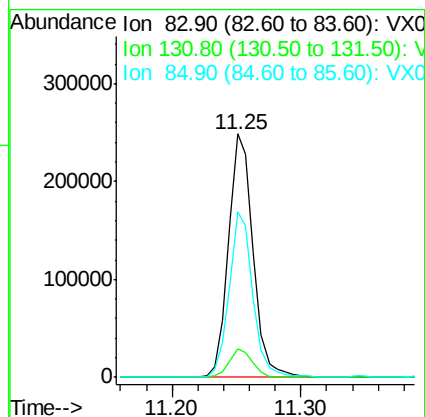
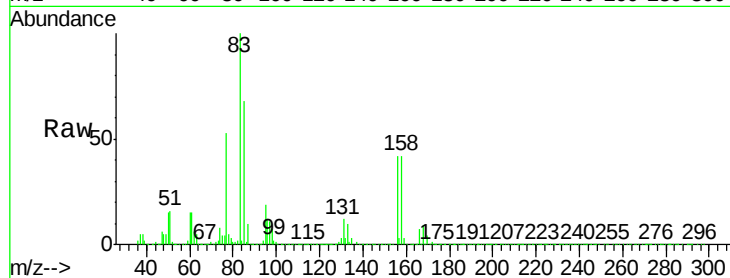
83 100

131 11.1 5.3 16.1

85 65.7 32.0 96.0

Manual Integrations
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4/8/2020 11:12:32 AM



#76

1,2,3-Trichloropropane

Concen: 18.651 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. -0.00 min

Lab File: VX015542.D

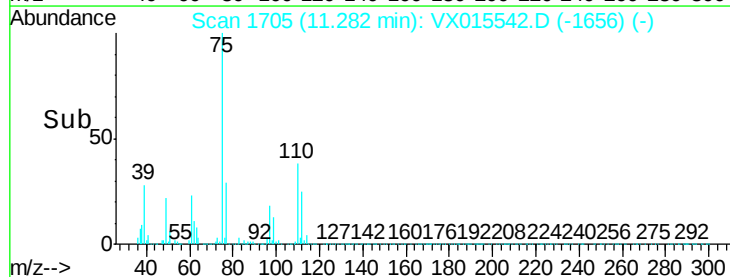
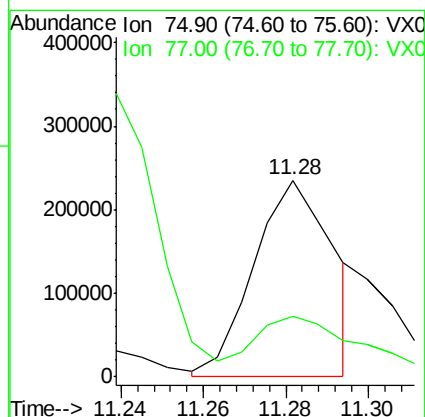
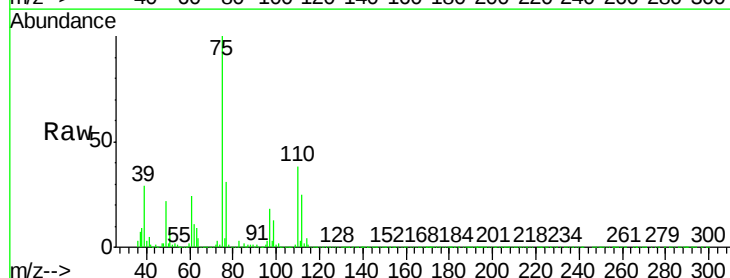
Acq: 07 Apr 2020 16:47

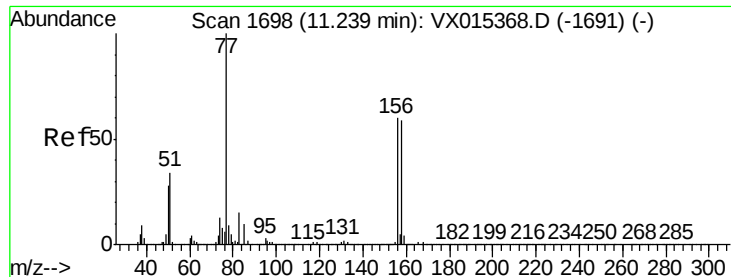
Tgt Ion: 75 Resp: 313409

Ion Ratio Lower Upper

75 100

77 41.4 21.2 63.6





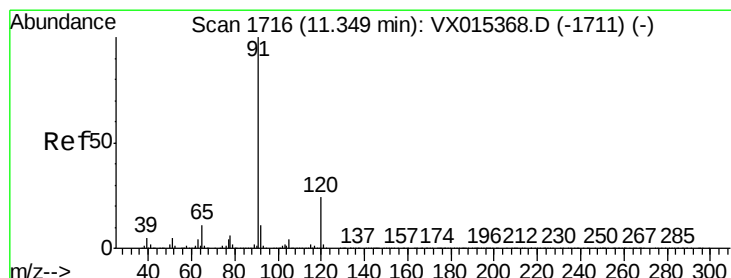
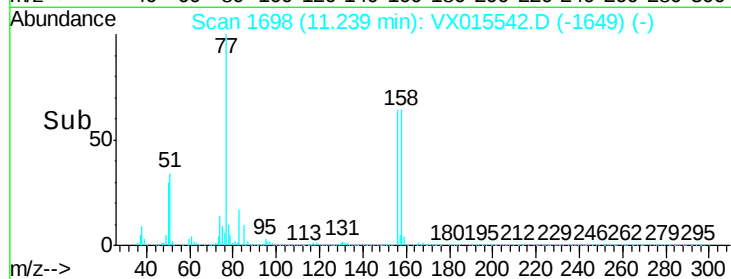
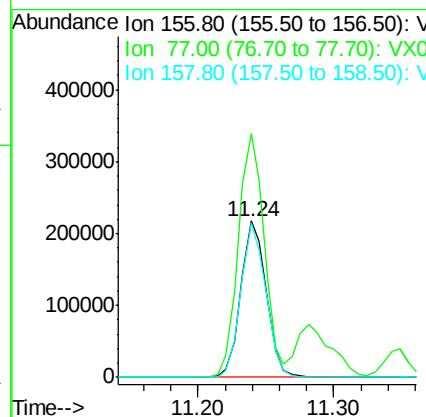
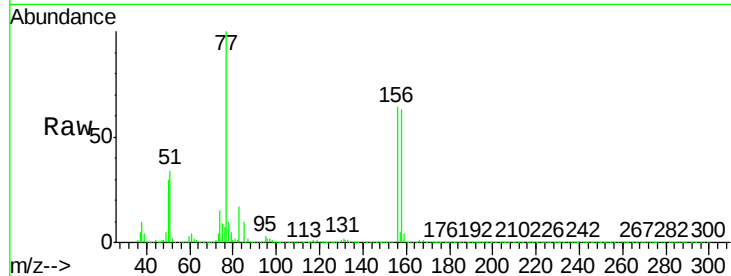
#77
Bromobenzene
Concen: 19.764 ug/l
RT: 11.24 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
156	100		
77	159.2	82.2	246.5
158	96.9	49.3	147.9

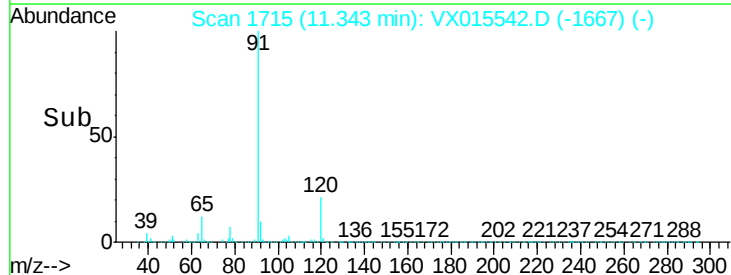
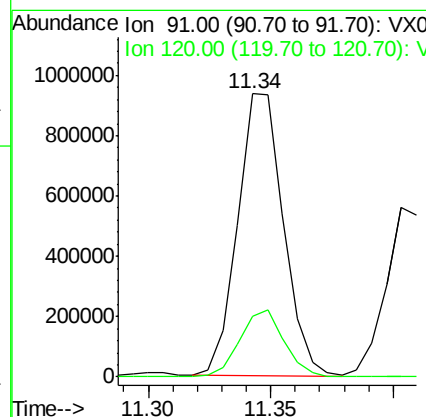
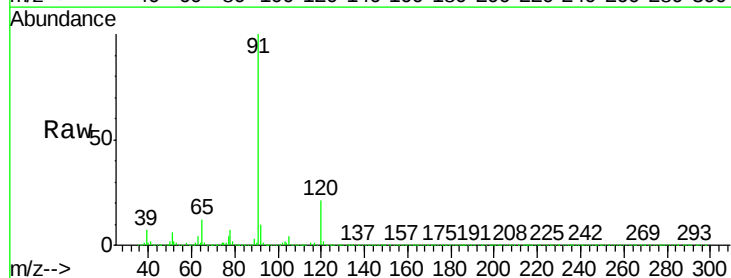
Manual Integrations
APPROVED

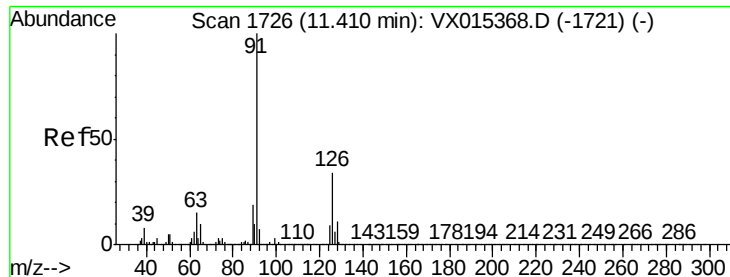
MMDadoda
4/8/2020 11:12:32 AM



#78
n-propylbenzene
Concen: 19.825 ug/l
RT: 11.34 min Scan# 1715
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.7	35.0





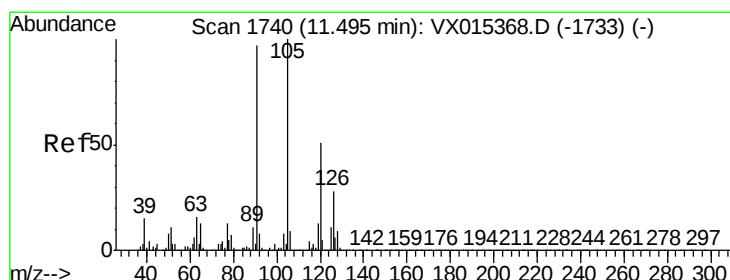
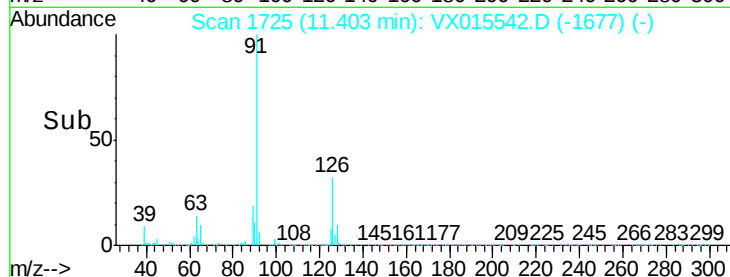
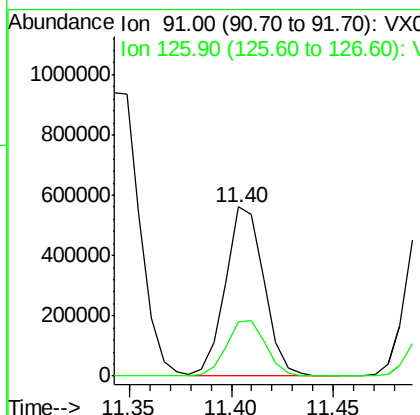
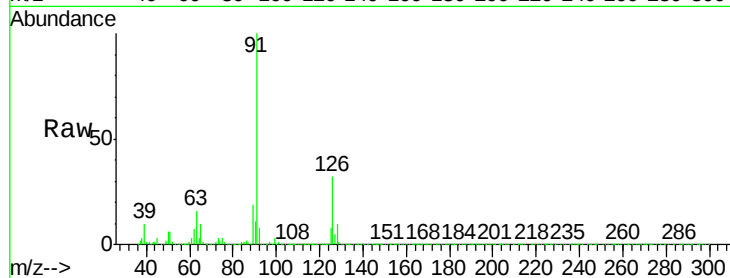
#79
2-Chlorotoluene
Concen: 19.417 ug/l
RT: 11.40 min Scan# 1725
Delta R.T. -0.01 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion: 91 Resp: 728619
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

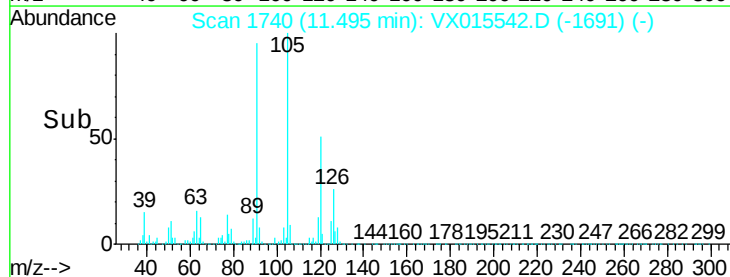
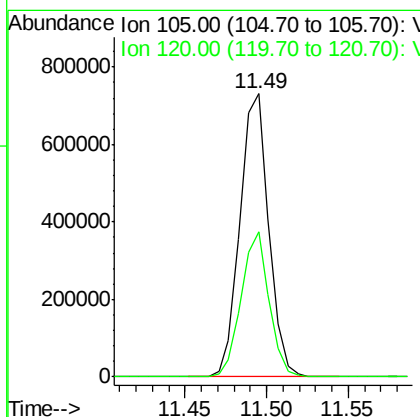
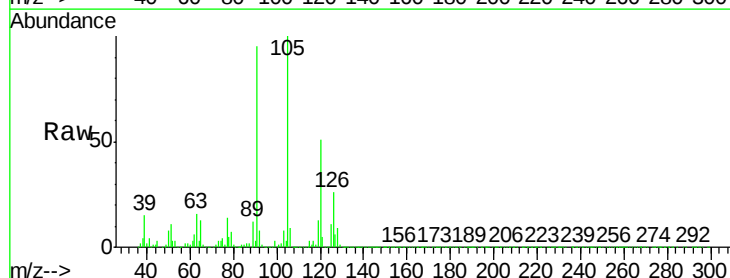
Manual Integrations
APPROVED

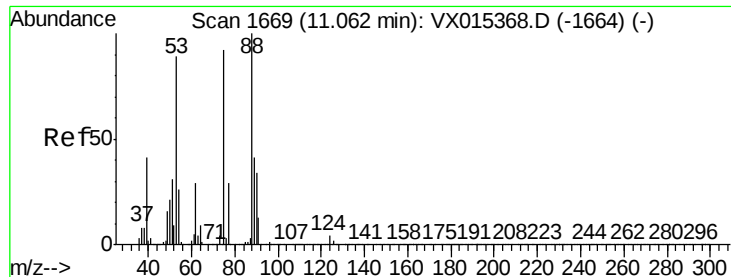
MMDadoda
4/8/2020 11:12:32 AM



#80
1,3,5-Trimethylbenzene
Concen: 19.664 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion: 105 Resp: 899147
Ion Ratio Lower Upper
105 100
120 49.6 24.8 74.4





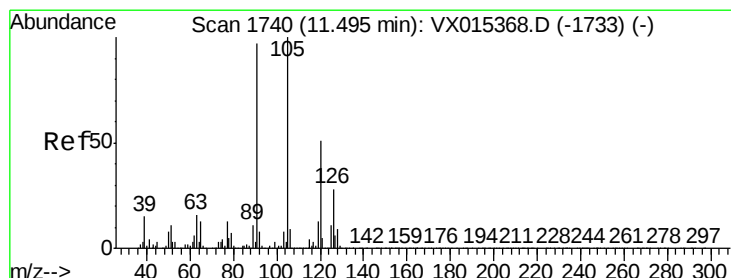
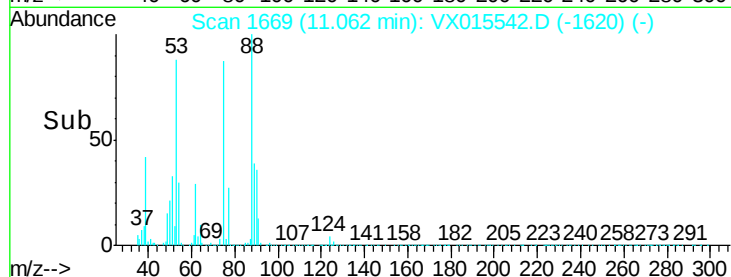
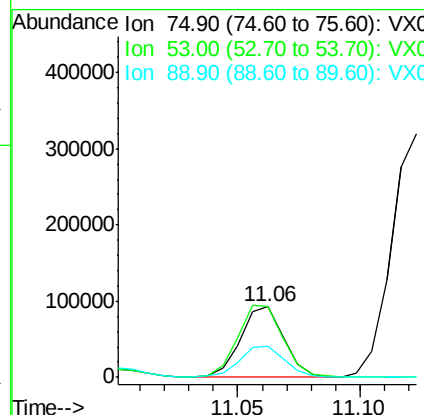
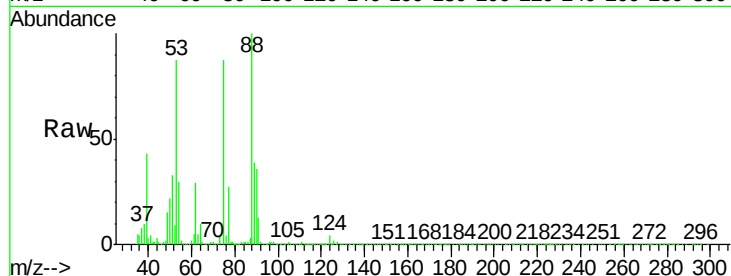
#81
trans-1,4-Dichloro-2-butene
Concen: 16.172 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
75	100		
53	107.2	80.1	120.1
89	46.6	36.1	54.1

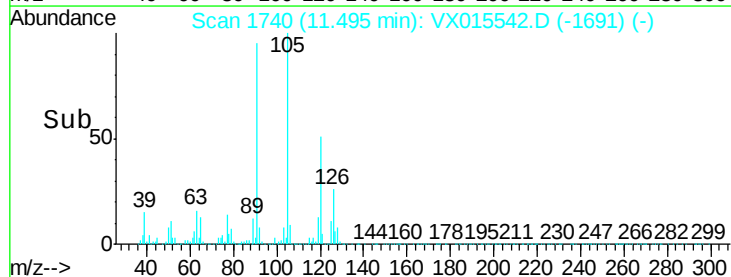
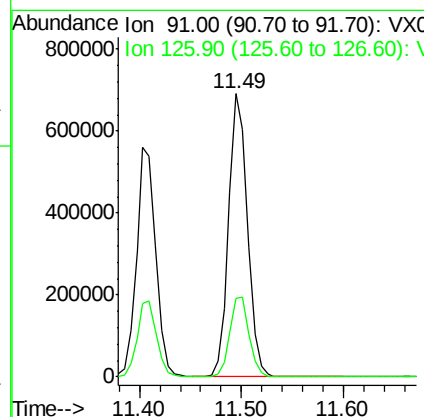
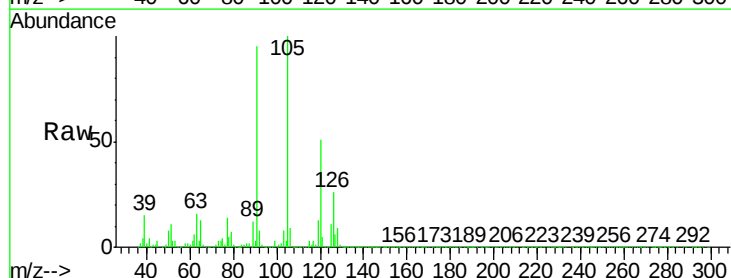
Manual Integrations
APPROVED

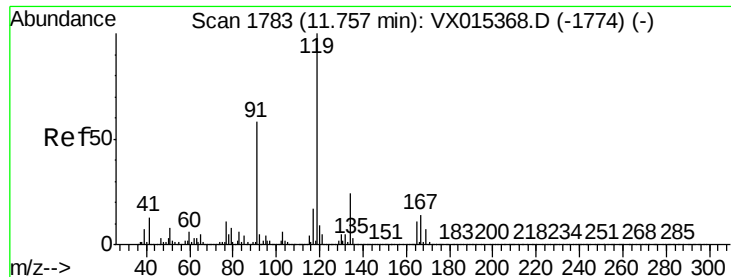
MMDadoda
4/8/2020 11:12:32 AM



#82
4-Chlorotoluene
Concen: 20.087 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.7	14.7	44.1





#83

tert-Butylbenzene

Concen: 20.005 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

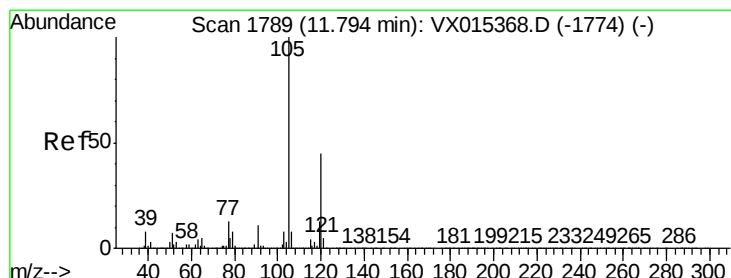
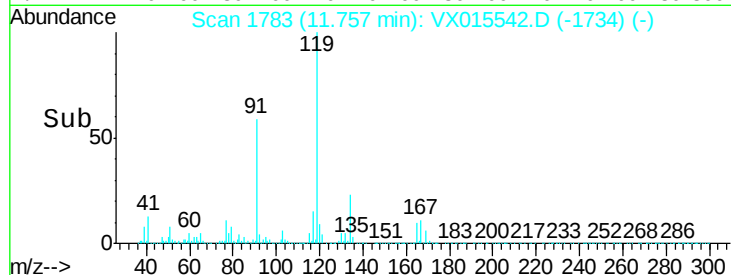
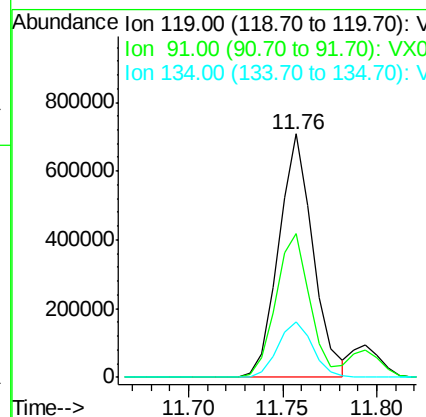
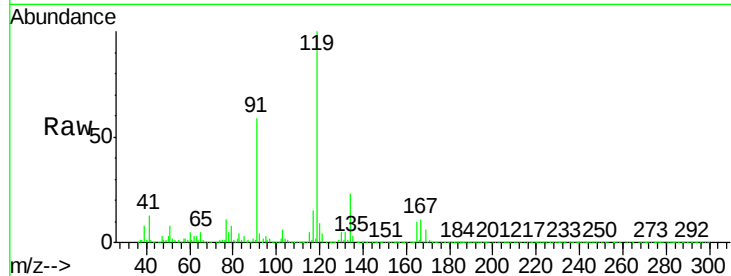
ClientSampleId :

VX0407WBSD02

Tot Ion:	119	Resp:	893512
Ion Ratio	Lower	Upper	
119	100		
91	59.2	28.6	85.8
134	23.1	11.8	35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 19.873 ug/l

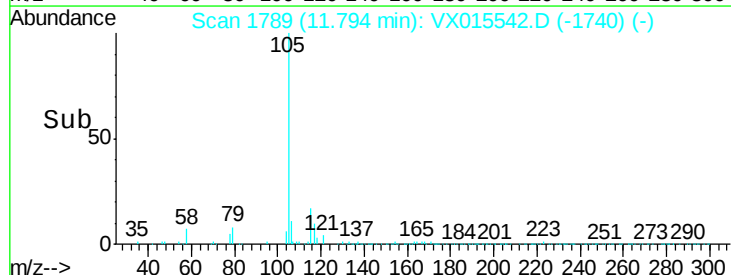
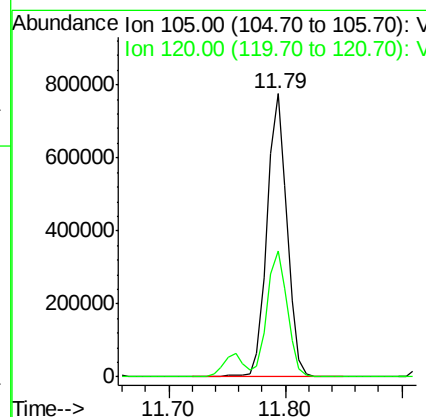
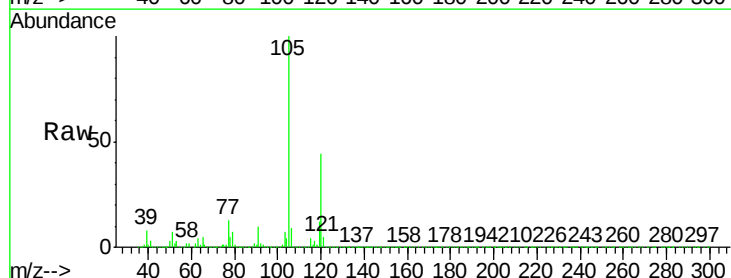
RT: 11.79 min Scan# 1789

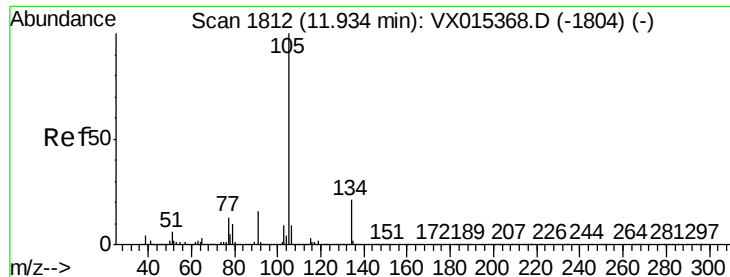
Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Tgt Ion:	105	Resp:	926023
Ion Ratio	Lower	Upper	
105	100		
120	45.1	22.7	68.1





#85

sec-Butylbenzene

Concen: 20.077 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

Instrument :

MSVOA_X

ClientSampleId :

VX0407WBSD02

Tot Ion:105 Resp: 1037111

Ion Ratio Lower Upper

105 100

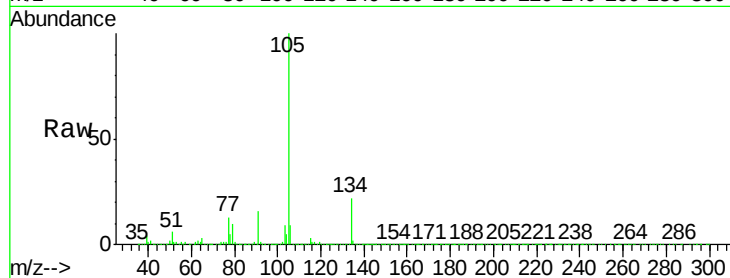
134 21.0 10.4 31.1

Manual Integrations

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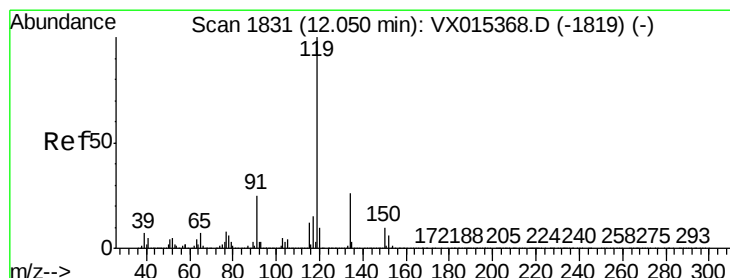
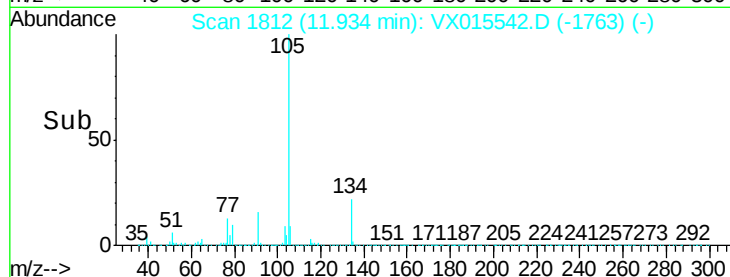
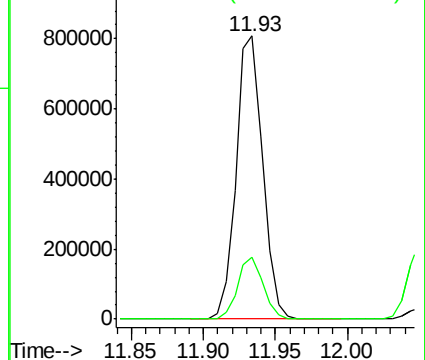
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.537 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VX015542.D

Acq: 07 Apr 2020 16:47

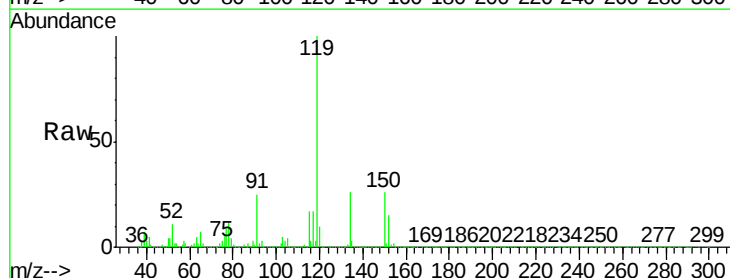
Tgt Ion:119 Resp: 984845

Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.3

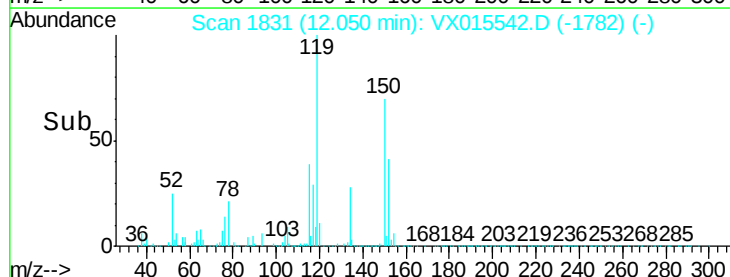
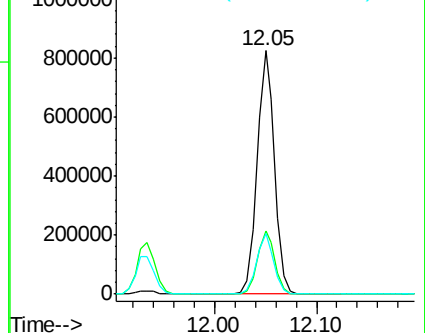
91 24.3 12.4 37.4

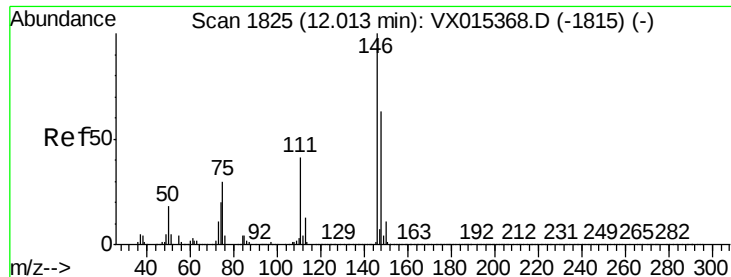


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





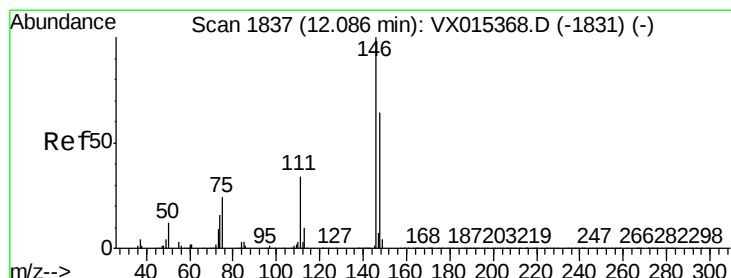
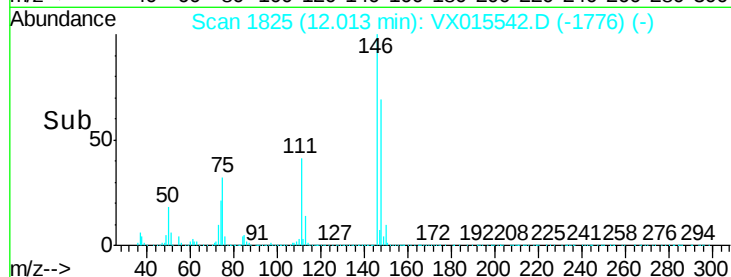
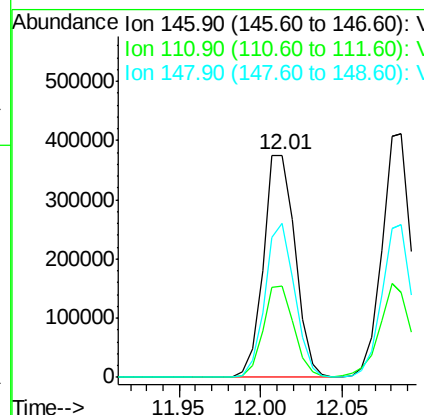
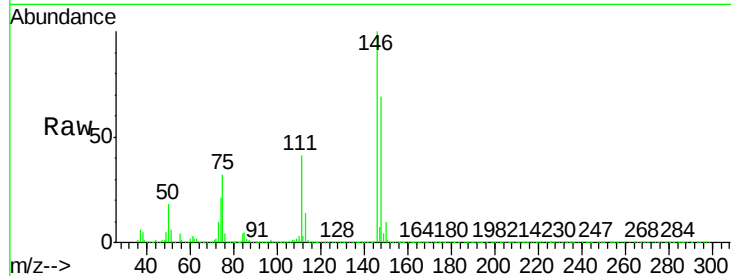
#87
 1,3-Dichlorobenzene
 Concen: 19.813 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.5	20.3	60.9
148	64.7	31.3	93.9

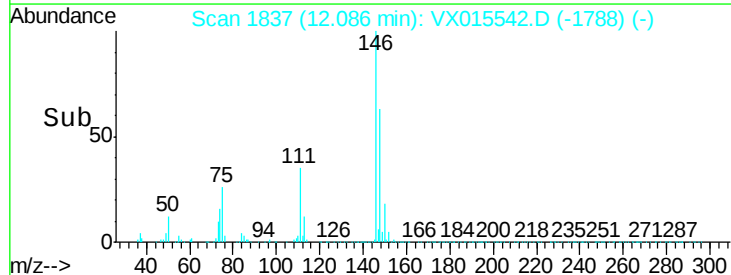
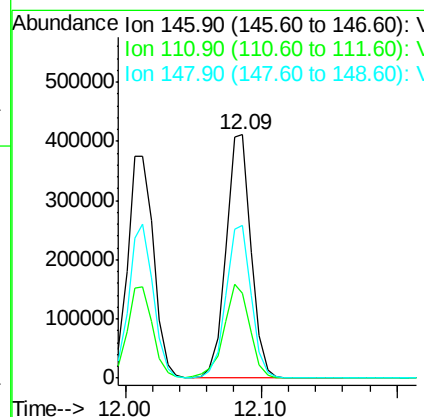
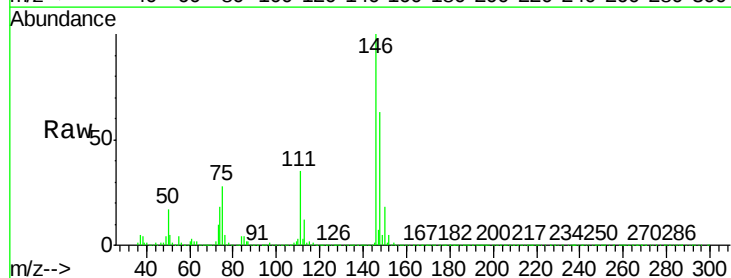
Manual Integrations
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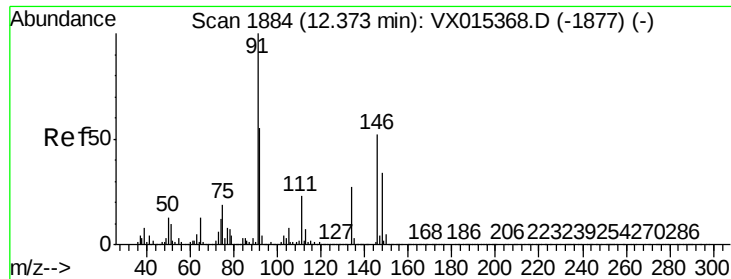
MMDadoda
 4/8/2020 11:12:32 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.988 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.5
148	63.5	32.4	97.2





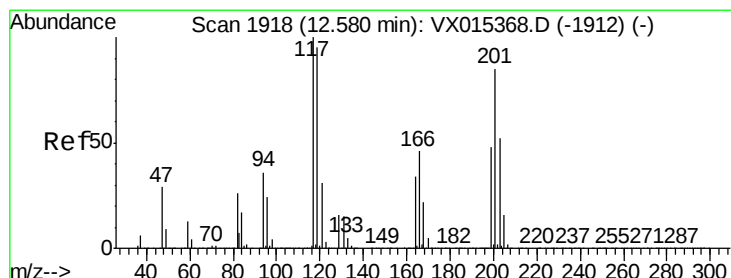
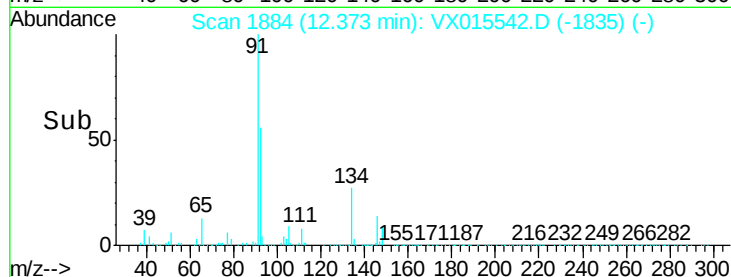
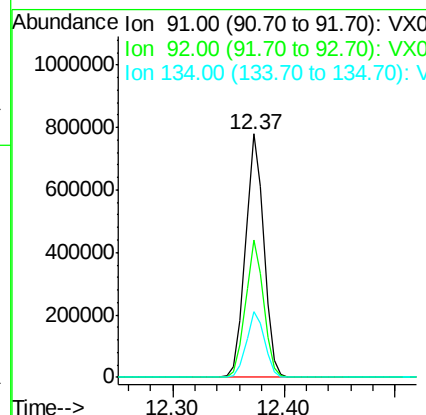
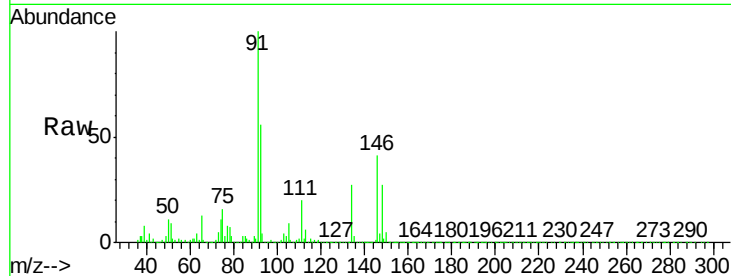
#89
n-Butylbenzene
Concen: 20.528 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleID :
VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	55.3	27.2	81.5	
134	26.7	13.4	40.2	

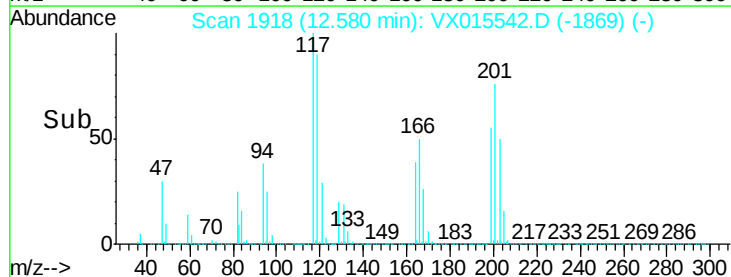
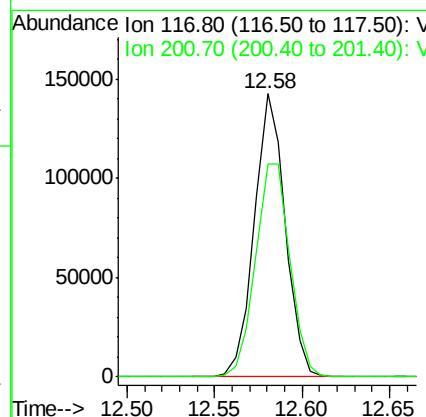
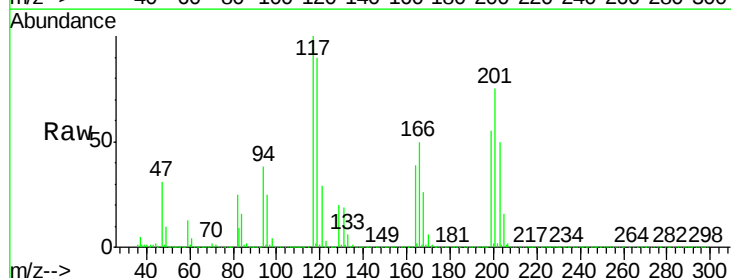
Manual Integrations
APPROVED

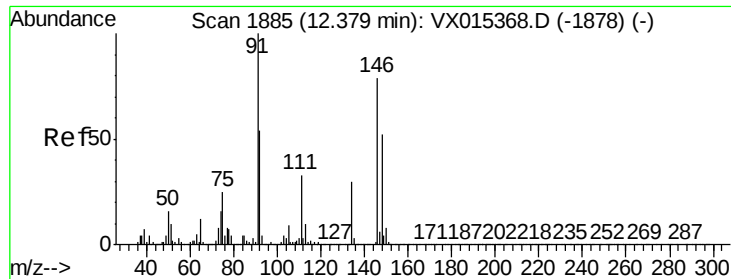
MMDadoda
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#90
Hexachloroethane
Concen: 18.783 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	83.8	42.6	128.0	





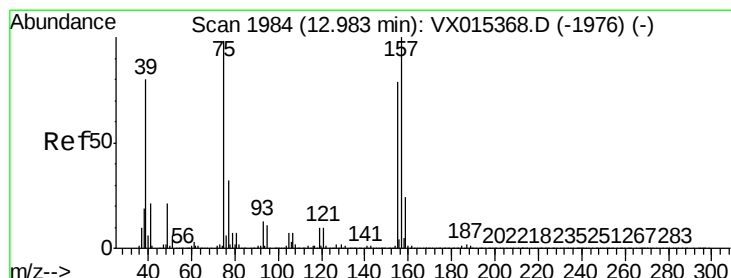
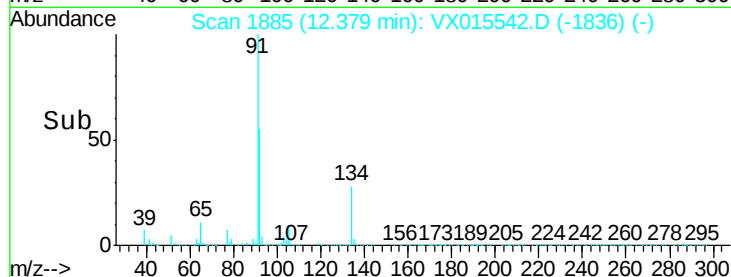
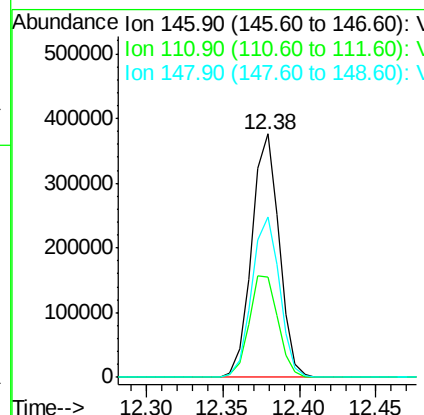
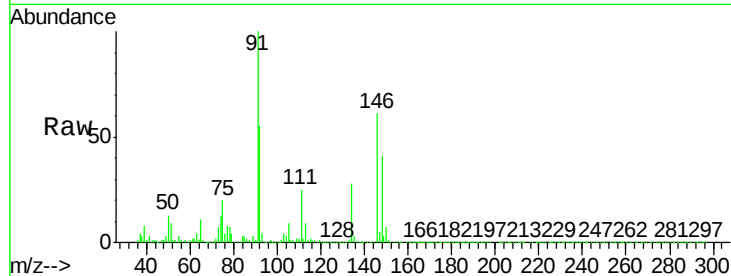
#91
1,2-Dichlorobenzene
Concen: 18.731 ug/l
RT: 12.38 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.0	63.0
148	67.1	32.4	97.0

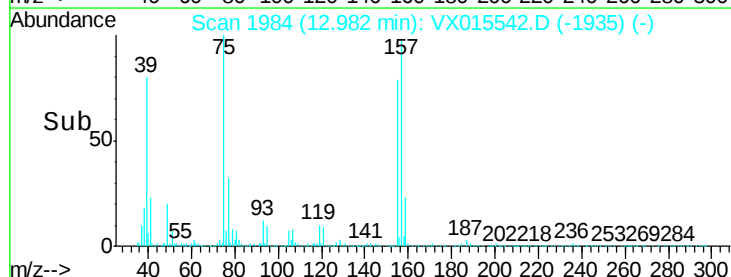
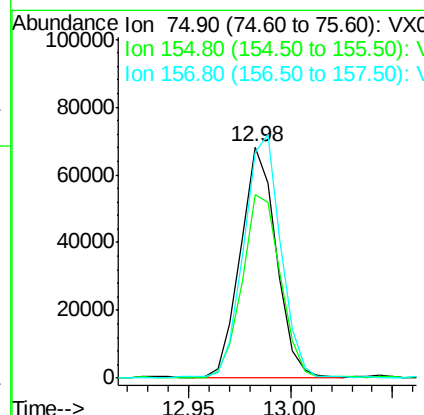
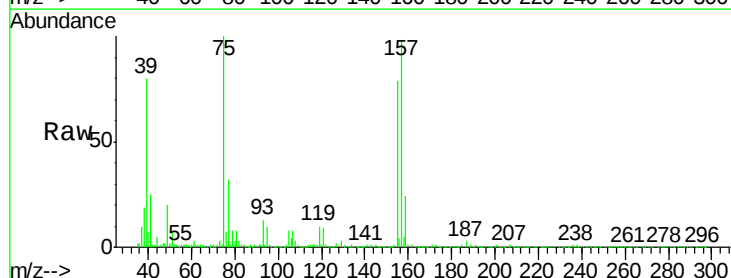
Manual Integrations
APPROVED

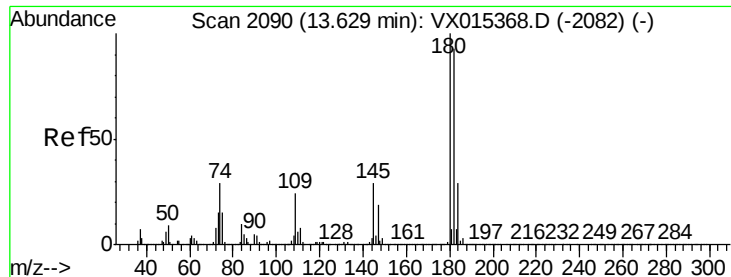
MMDadoda
4/8/2020 11:12:32 AM



#92
1,2-Dibromo-3-Chloropropane
Concen: 15.921 ug/l
RT: 12.98 min Scan# 1984
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.3	42.8	128.4
157	110.0	53.4	160.3





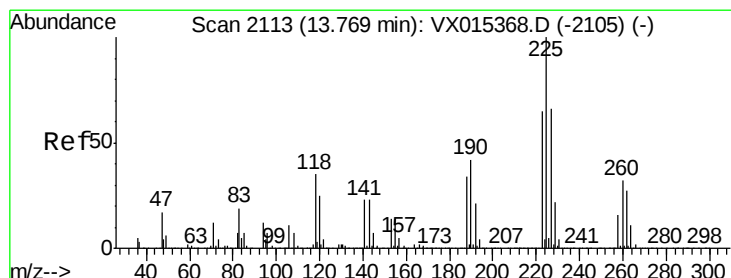
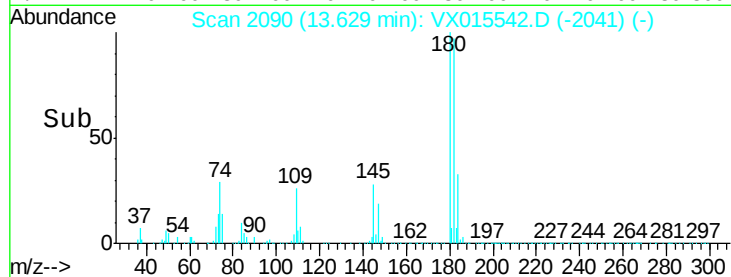
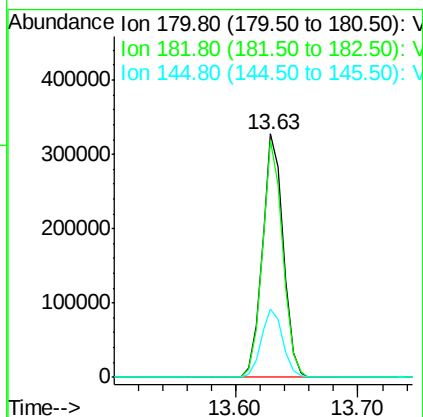
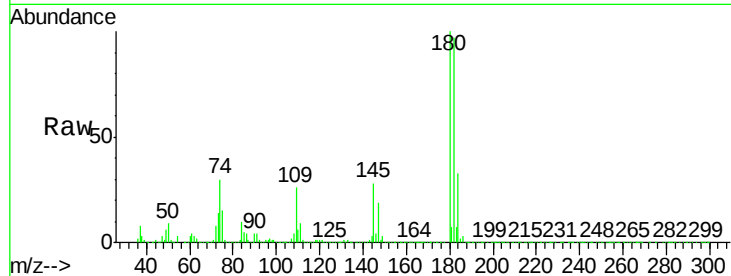
#93
 1,2,4-Trichlorobenzene
 Concen: 19.705 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	389976		
182	94.8	46.9	140.7	
145	29.0	14.9	44.5	

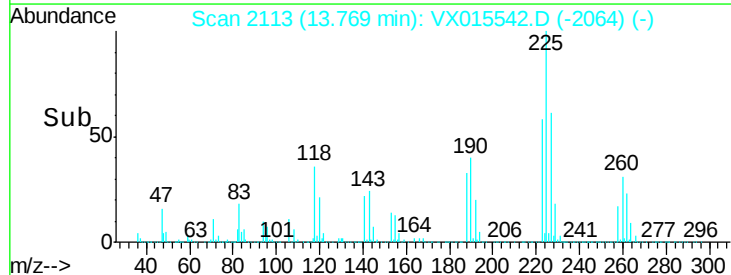
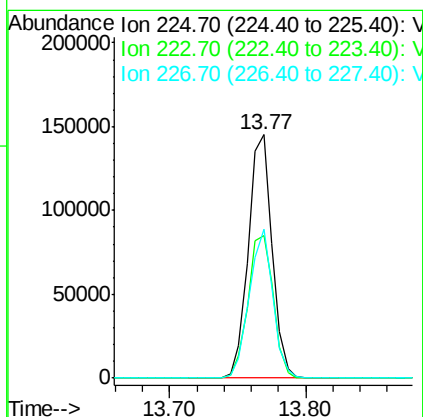
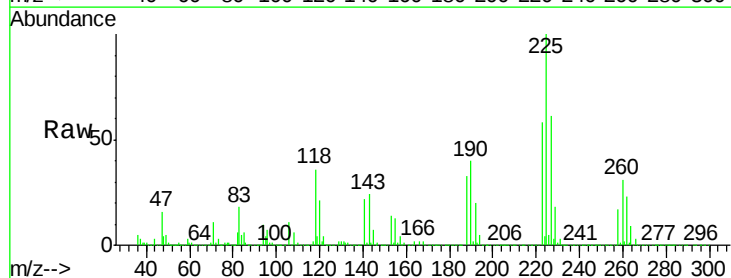
Manual Integrations
 APPROVED

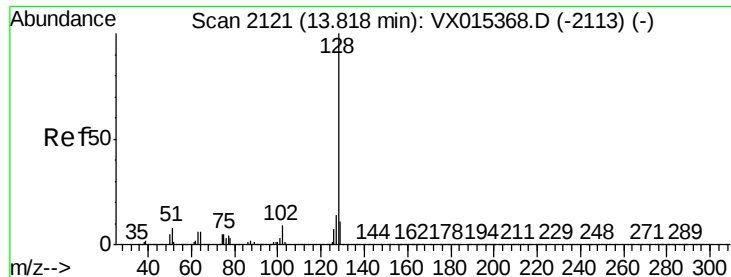
MMDadoda
 4/8/2020 11:12:32 AM



#94
 Hexachlorobutadiene
 Concen: 18.925 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VX015542.D
 Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	178325		
223	62.4	31.9	95.7	
227	60.9	30.4	91.3	





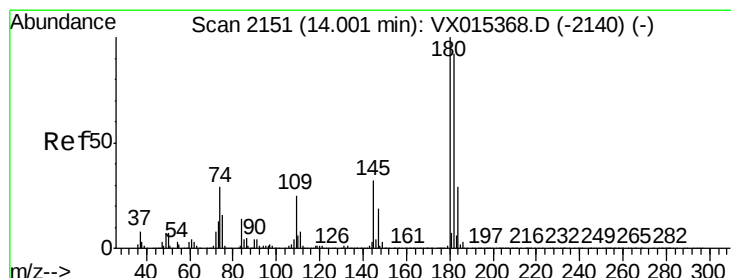
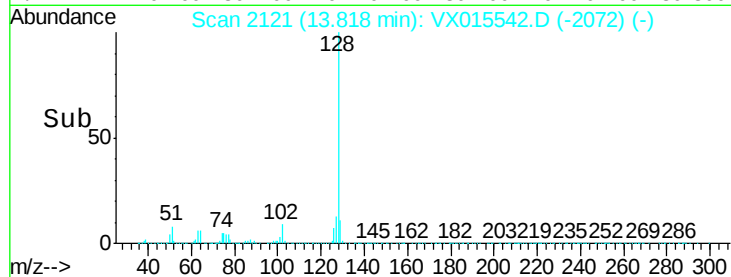
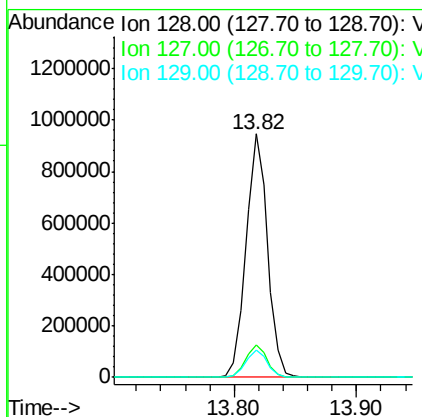
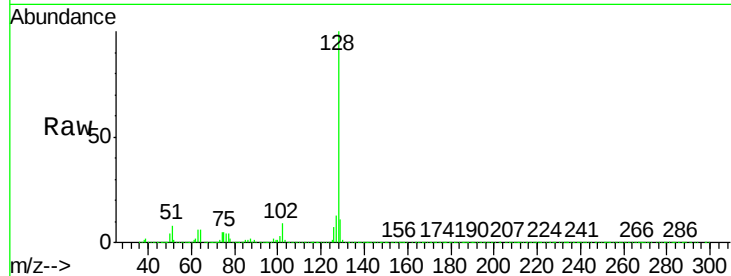
#95
Naphthalene
Concen: 19.017 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Instrument :
MSVOA_X
ClientSampleId :
VX0407WBSD02

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.6	15.8
129	11.3	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/8/2020 11:12:32 AM



#96
1,2,3-Trichlorobenzene
Concen: 20.004 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015542.D
Acq: 07 Apr 2020 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.6	46.7	140.0
145	32.2	15.8	47.3

