

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015231.D
 Acq On : 12 Mar 2020 12:38
 Operator : JC/SP
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDIC050

Manual Integrations
 APPROVED

MMDadoda
 3/16/2020 11:43:37 AM

Quant Time: Mar 12 14:09:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 13:54:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	48014	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	264443	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	248659	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	96608	28.94	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	96.47%
60) 4-Bromofluorobenzene	11.13	95	116826	30.17	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.57%
63) Toluene-d8	8.71	98	321001	29.60	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	115757	53.989 ug/l	96
3) Chloromethane	1.32	50	163065	58.818 ug/l	100
4) Vinyl Chloride	1.40	62	167267	56.059 ug/l	99
5) Bromomethane	1.64	94	105036	50.269 ug/l	95
6) Chloroethane	1.72	64	103239	51.653 ug/l	99
7) Trichlorofluoromethane	1.92	101	214290	49.347 ug/l	98
8) Diethyl Ether	2.18	74	92401	50.581 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	128995	51.379 ug/l	98
10) 1,1-Dichloroethene	2.37	96	131920	52.266 ug/l	98
11) Methyl Iodide	2.50	142	151988	49.558 ug/l	99
12) Methyl Acetate	2.76	43	172988	55.077 ug/l	99
13) Acrolein	2.28	56	124789	199.773 ug/l	99
14) Acrylonitrile	3.13	53	396983	279.872 ug/l	99
15) Acetone	2.44	58	111273	219.204 ug/l	98
16) Carbon Disulfide	2.56	76	382778	56.403 ug/l	100
17) Allyl chloride	2.72	41	256247	58.363 ug/l	97
18) Methylene Chloride	2.85	84	153373	52.740 ug/l	98
19) trans-1,2-Dichloroethene	3.16	96	148527	53.575 ug/l	98
20) Diisopropyl ether	3.84	45	508612	56.722 ug/l	97
21) 1,1-Dichloroethane	3.69	63	263114	53.529 ug/l	99
22) cis-1,2-Dichloroethene	4.59	96	166828	52.586 ug/l	97
23) tert-Butyl Alcohol	3.03	59	150999	268.550 ug/l	# 99
24) Methyl tert-Butyl Ether	3.19	73	444299	52.909 ug/l	100
25) Chloroform	5.20	83	254062	51.255 ug/l	98
26) Cyclohexane	5.58	56	250821	57.094 ug/l	# 99
29) 1,1-Dichloropropene	5.79	75	199586	53.360 ug/l	99
30) 2-Butanone	4.66	43	560450	259.592 ug/l	100
31) 2,2-Dichloropropane	4.58	77	208277	50.711 ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	216738	51.026 ug/l	100
33) Carbon Tetrachloride	5.78	117	189059	50.845 ug/l	97
34) Benzene	6.14	78	609985	54.045 ug/l	99
35) Methacrylonitrile	5.03	41	121370	55.110 ug/l	97
36) 1,2-Dichloroethane	6.18	62	197988	49.559 ug/l	100
37) Trichloroethene	7.21	130	168424	53.149 ug/l	97
38) Methylcyclohexane	7.46	83	248824	53.669 ug/l	99
39) 1,2-Dichloropropane	7.51	63	157669	54.272 ug/l	93
40) Dibromomethane	7.65	93	100387	51.748 ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	200440	52.306	ug/l	98
42) Vinyl Acetate	3.80	43	2148784	282.767	ug/l	100
43) Ethyl Acetate	4.82	43	214836	54.996	ug/l	99
44) Isopropyl Acetate	6.43	43	350180	53.325	ug/l	98
45) 1,4-Dioxane	7.73	88	69203	1140.468	ug/l	98
46) Methyl methacrylate	7.76	41	176304	54.268	ug/l	98
47) n-amyl Acetate	10.89	43	316316	55.601	ug/l	98
48) t-1,3-Dichloropropene	9.04	75	226824	53.351	ug/l	99
49) cis-1,3-Dichloropropene	8.43	75	255691	54.627	ug/l	97
50) 1,1,2-Trichloroethane	9.21	97	151202	52.316	ug/l	96
51) Ethyl methacrylate	9.17	69	240854	53.994	ug/l	98
52) 1,3-Dichloropropane	9.37	76	258048	52.779	ug/l	100
53) Dibromochloromethane	9.58	129	163519	52.330	ug/l	96
54) 1,2-Dibromoethane	9.67	107	158818	51.757	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	615309	258.949	ug/l	99
56) Bromoform	10.85	173	125795	51.355	ug/l	100
58) 4-Methyl-2-Pentanone	8.64	43	1077889	264.499	ug/l	100
59) 2-Hexanone	9.48	43	814057	255.663	ug/l	99
61) Tetrachloroethene	9.33	164	171855	51.457	ug/l	99
62) Toluene	8.78	91	652097	51.199	ug/l	100
64) Chlorobenzene	10.14	112	410494	50.494	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.21	131	149830	49.756	ug/l	98
66) Ethyl Benzene	10.24	91	726802	51.802	ug/l	100
67) m/p-Xylenes	10.35	106	556278	102.821	ug/l	98
68) o-Xylene	10.70	106	264580	50.543	ug/l	99
69) Styrene	10.71	104	468631	52.417	ug/l	99
70) Isopropylbenzene	11.01	105	707253	50.863	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.26	83	221200	49.408	ug/l	98
72) 1,2,3-Trichloropropane	11.29	75	181691m	48.925	ug/l	
73) Bromobenzene	11.25	156	187706	49.959	ug/l	99
74) n-propylbenzene	11.35	91	834763	52.747	ug/l	99
75) 2-Chlorotoluene	11.42	91	478963	51.213	ug/l	100
76) 1,3,5-Trimethylbenzene	11.50	105	591723	50.777	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	79022	52.770	ug/l	94
78) 4-Chlorotoluene	11.51	91	552409	51.064	ug/l	99
79) tert-butylbenzene	11.76	119	566533	50.320	ug/l	98
80) 1,2,4-Trimethylbenzene	11.80	105	594414	51.307	ug/l	100
81) sec-Butylbenzene	11.94	105	705690	52.340	ug/l	100
82) p-Isopropyltoluene	12.06	119	651589	52.019	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	334709	50.819	ug/l	99
84) 1,4-Dichlorobenzene	12.09	146	338814	51.084	ug/l	100
85) n-Butylbenzene	12.38	91	580639	53.269	ug/l	99
86) Hexachloroethane	12.59	117	112675	49.766	ug/l	95
87) 1,2-Dichlorobenzene	12.38	146	332028	50.660	ug/l	100
88) 1,2-Dibromo-3-Chloropropan	12.99	75	48371	49.609	ug/l	98
89) 1,2,4-Trichlorobenzene	13.64	180	247619	52.538	ug/l	99
90) Hexachlorobutadiene	13.77	225	122180	52.198	ug/l	98
91) Naphthalene	13.83	128	714071	53.514	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	252727	54.009	ug/l	98

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ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC050

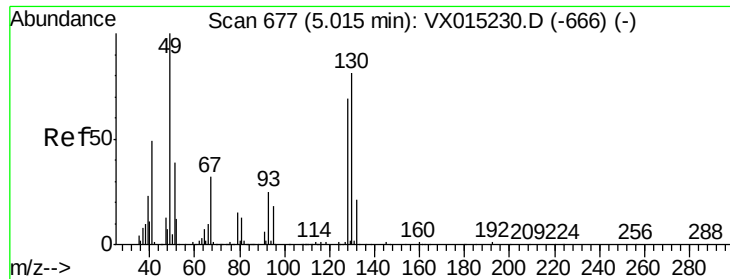
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

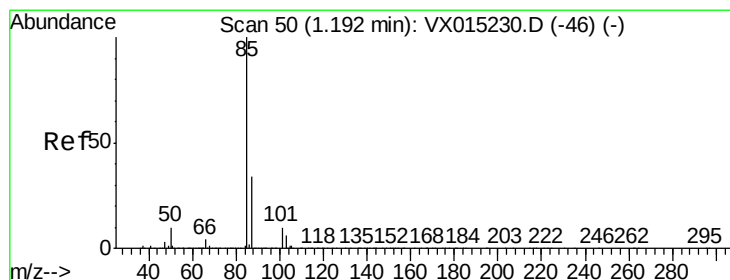
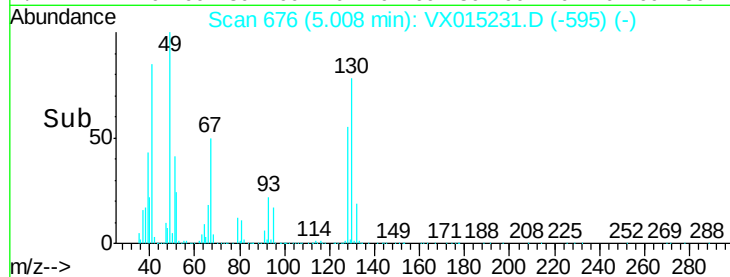
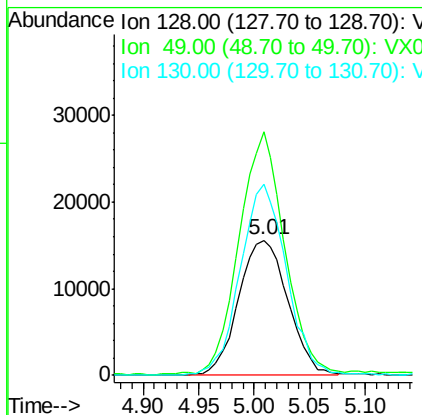
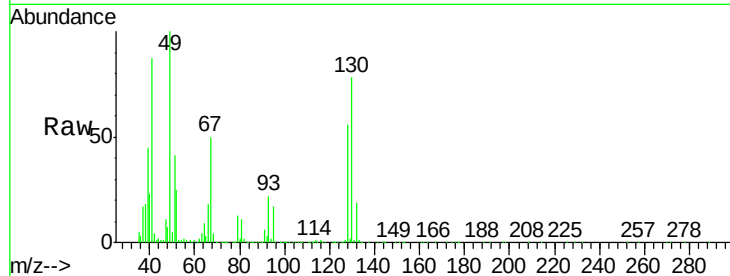
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.01 min Scan# 676
Delta R.T. -0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
128	100		
49	163.2	0.0	406.8
130	132.5	0.0	319.3

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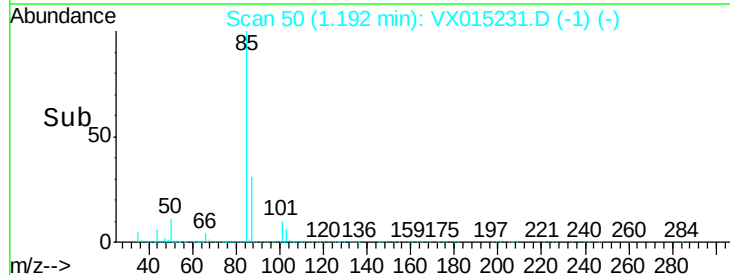
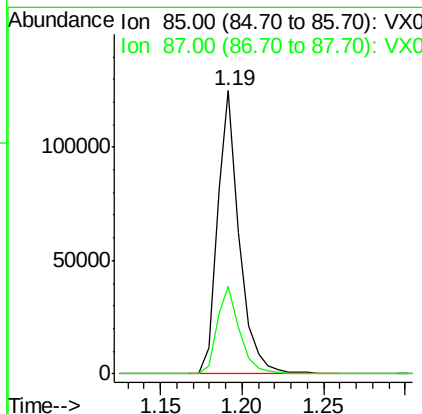
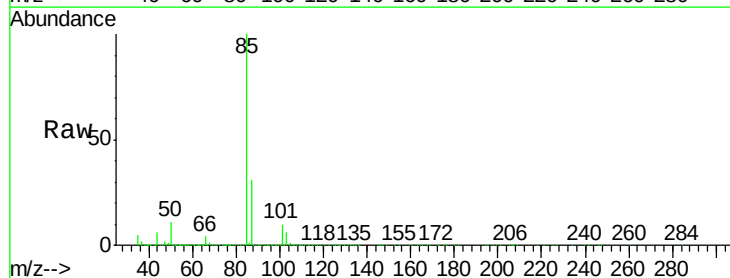
MMDadoda
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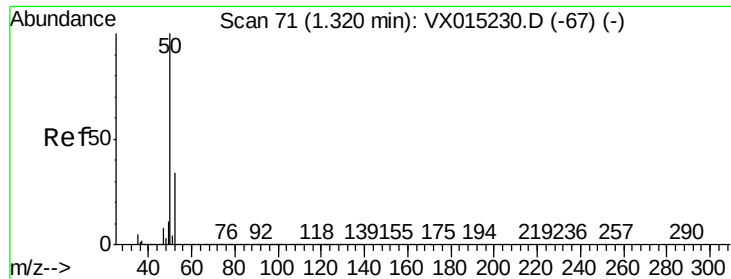


#2

Dichlorodifluoromethane
Concen: 53.989 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.1	16.7	50.1





#3

Chloromethane

Concen: 58.818 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 50 Resp: 163065

Ion Ratio Lower Upper

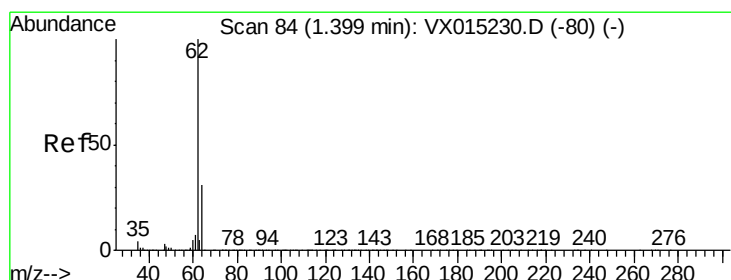
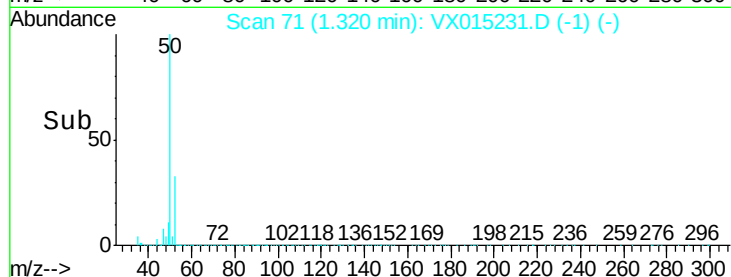
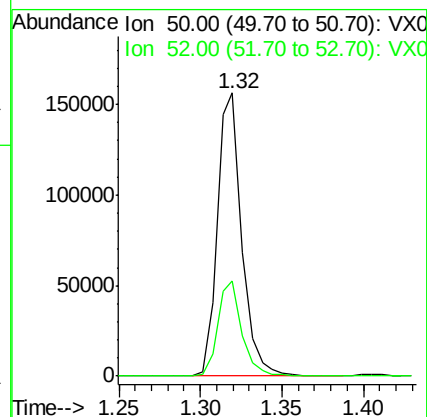
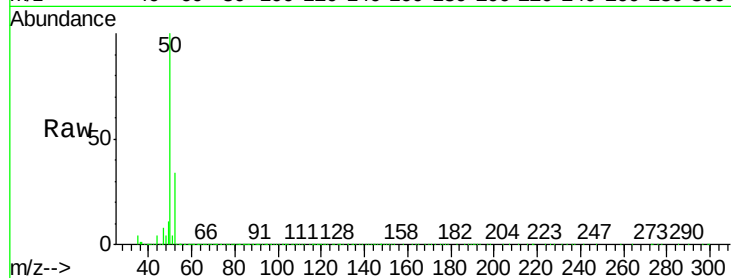
50 100

52 33.5 26.9 40.3

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#4

Vinyl Chloride

Concen: 56.059 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015231.D

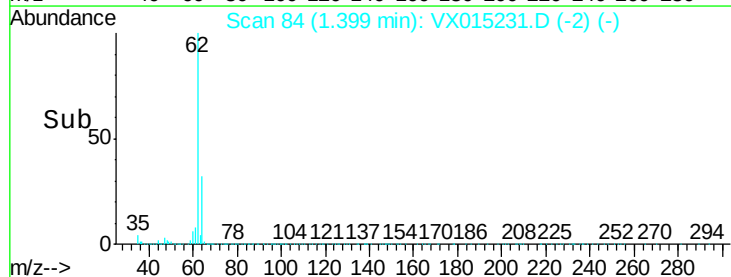
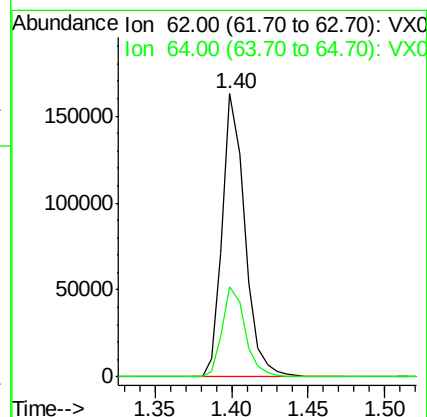
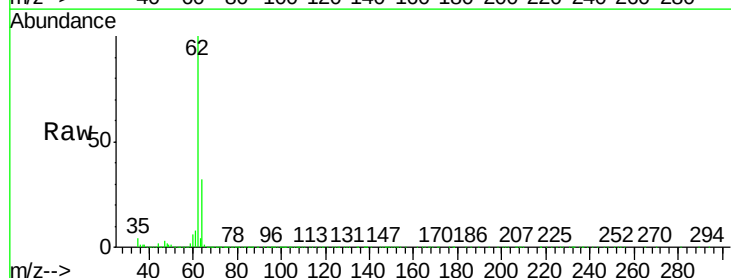
Acq: 12 Mar 2020 12:38

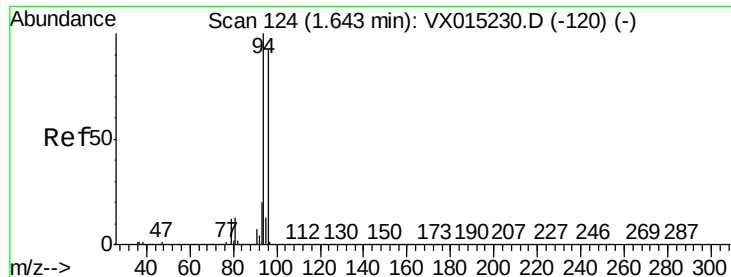
Tgt Ion: 62 Resp: 167267

Ion Ratio Lower Upper

62 100

64 31.7 24.9 37.3





#5

Bromomethane

Concen: 50.269 ug/l

RT: 1.64 min Scan# 123

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 94 Resp: 105036

Ion Ratio Lower Upper

94 100

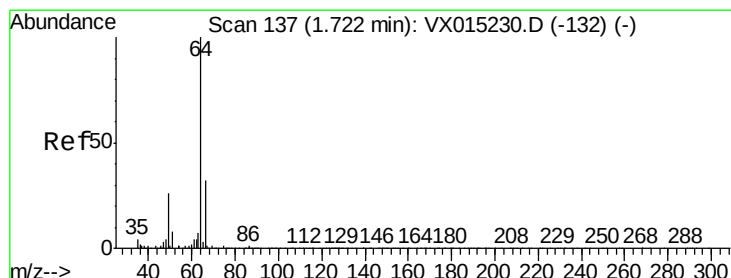
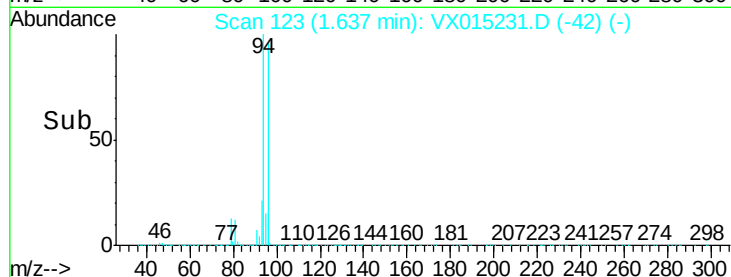
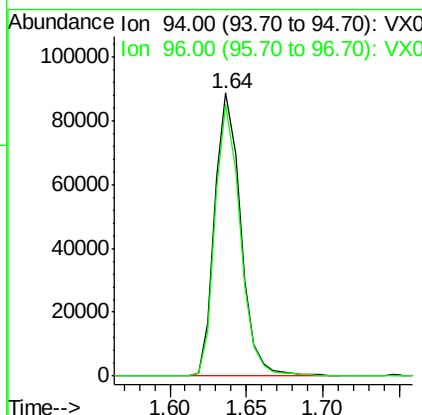
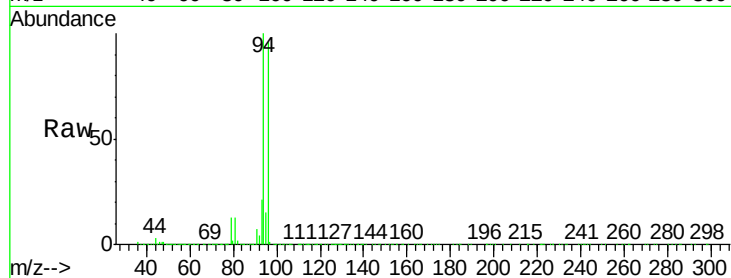
96 95.8 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 51.653 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015231.D

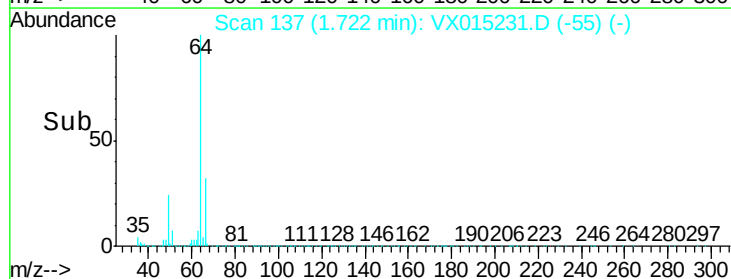
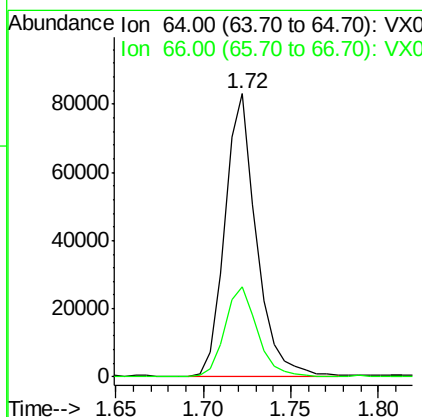
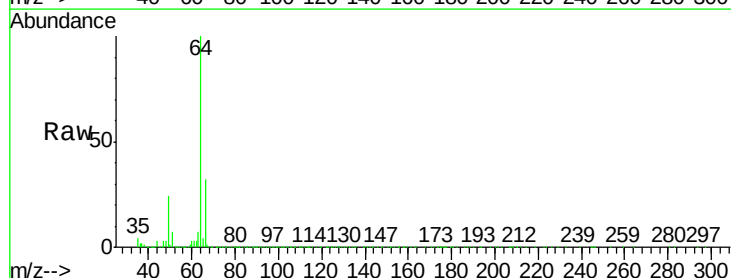
Acq: 12 Mar 2020 12:38

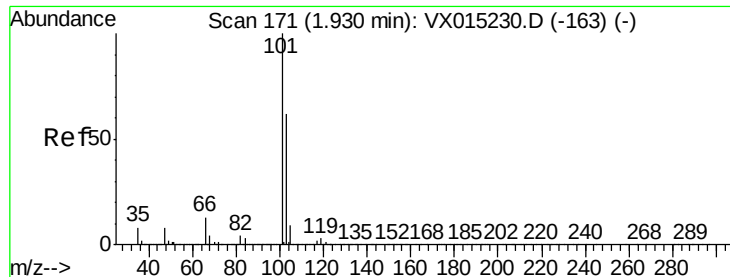
Tgt Ion: 64 Resp: 103239

Ion Ratio Lower Upper

64 100

66 31.8 25.9 38.9





#7

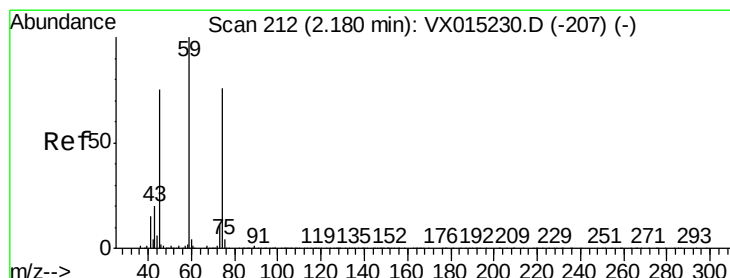
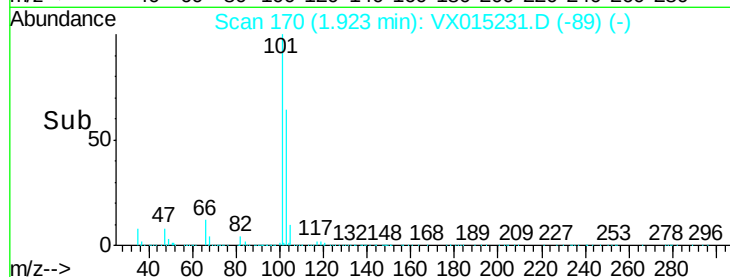
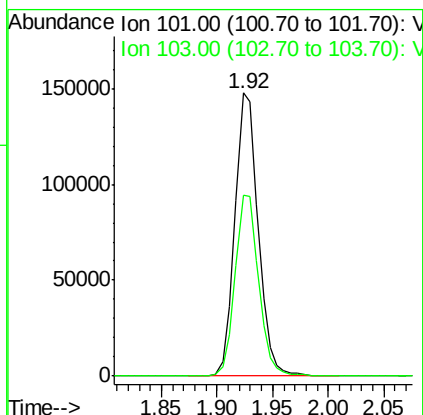
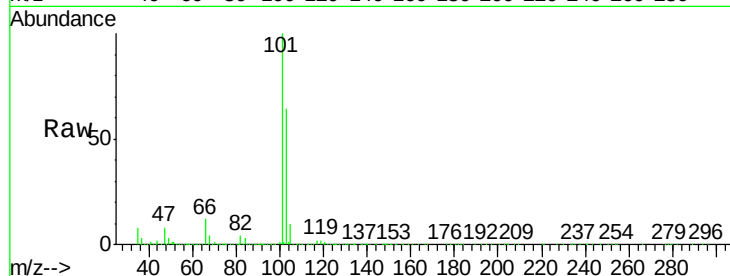
Trichlorofluoromethane
Concen: 49.347 ug/l
RT: 1.92 min Scan# 170
Delta R.T. -0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.8	49.9	74.9

Manual Integrations
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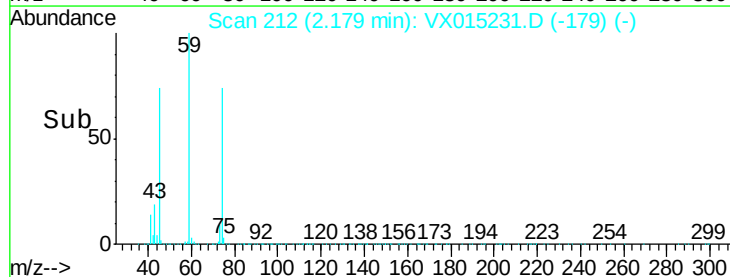
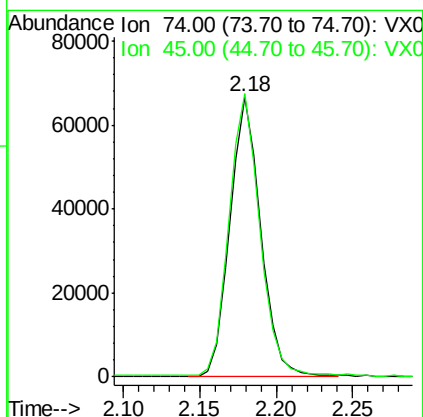
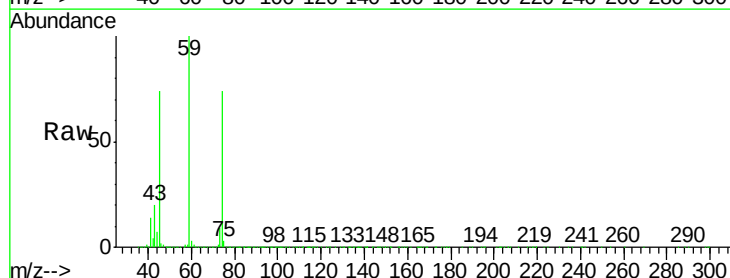
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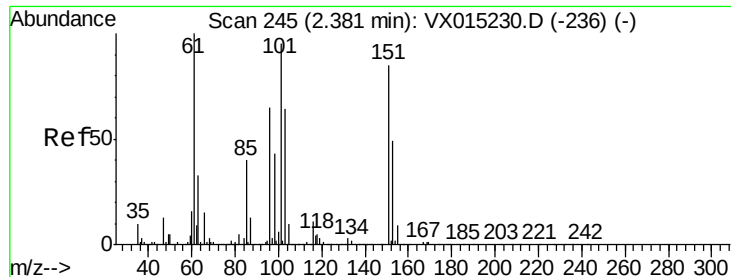


#8

Diethyl Ether
Concen: 50.581 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.0	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.379 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

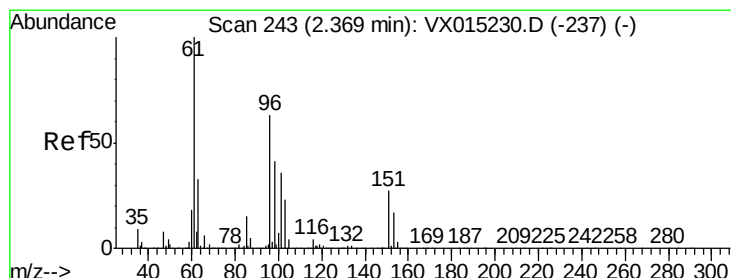
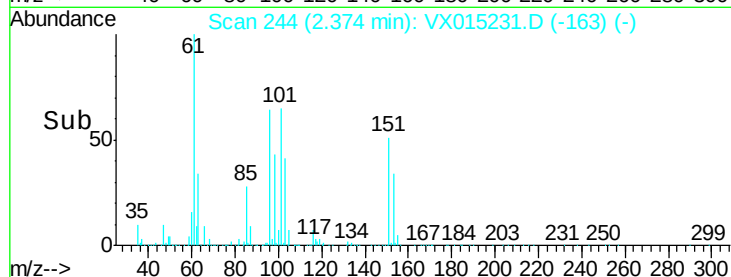
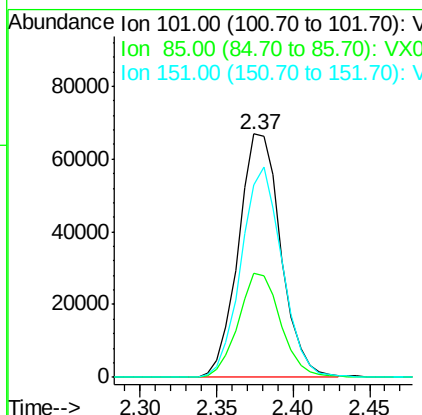
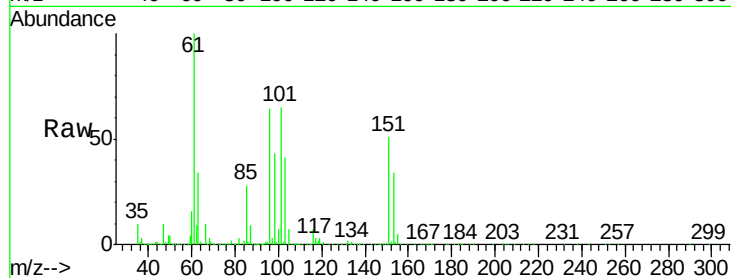
ClientSampleId :

VSTDIC050

Tot Ion:	101	Resp:	128995
Ion Ratio	Lower	Upper	
101	100		
85	42.4	0.0	82.0
151	83.8	0.0	165.0

Manual Integrations
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3/16/2020 11:43:37 AM



#10

1,1-Dichloroethene

Concen: 52.266 ug/l

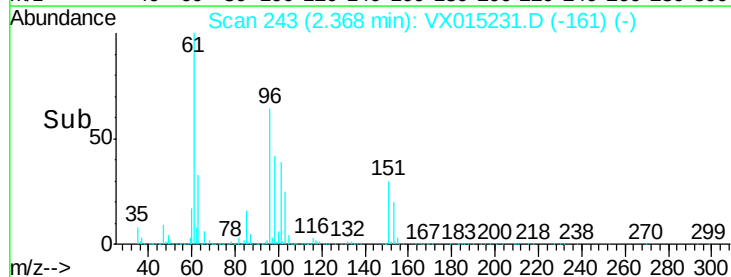
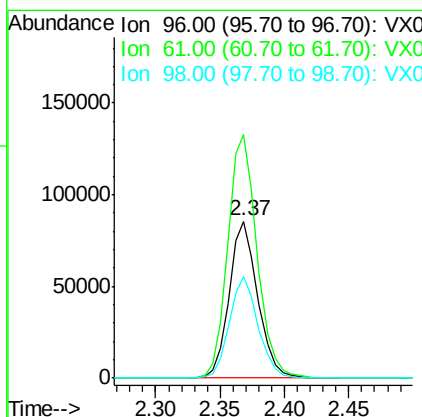
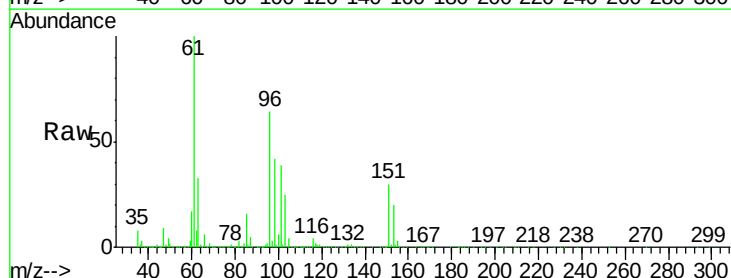
RT: 2.37 min Scan# 243

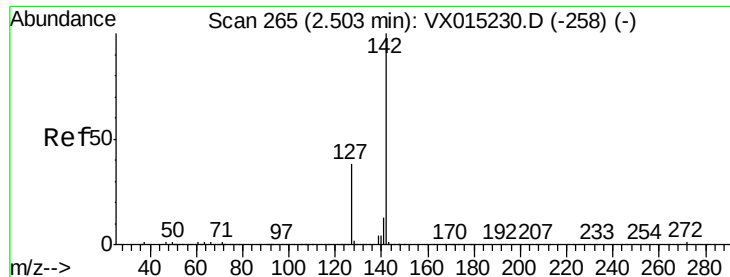
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	96	Resp:	131920
Ion Ratio	Lower	Upper	
96	100		
61	155.3	126.2	189.2
98	64.5	52.1	78.1





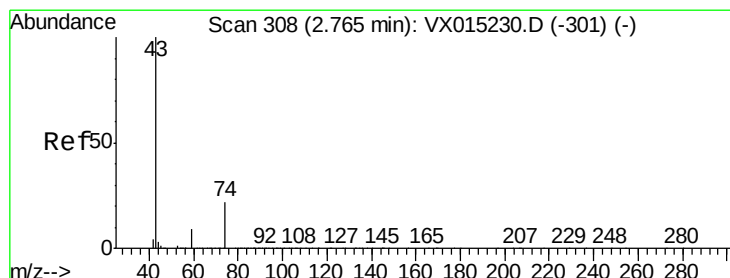
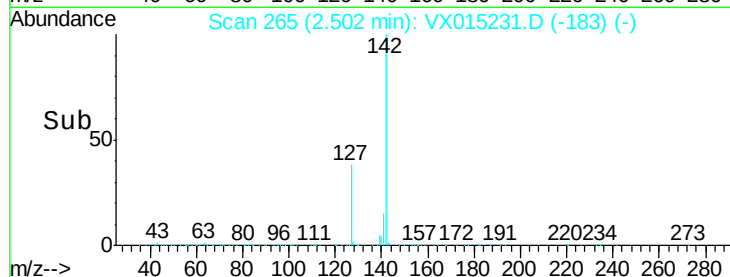
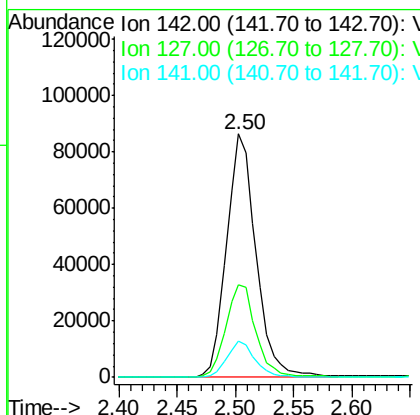
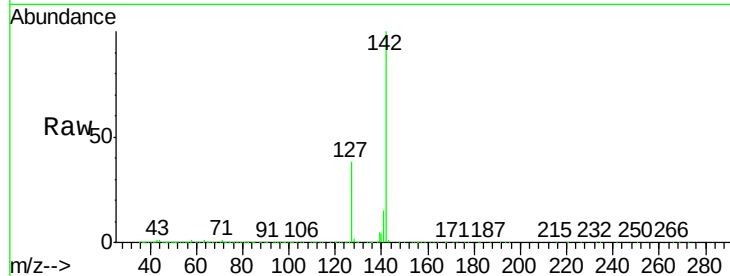
#11
Methvl Iodide
Concen: 49.558 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
142	100		
127	37.8	18.9	56.9
141	14.8	6.6	19.7

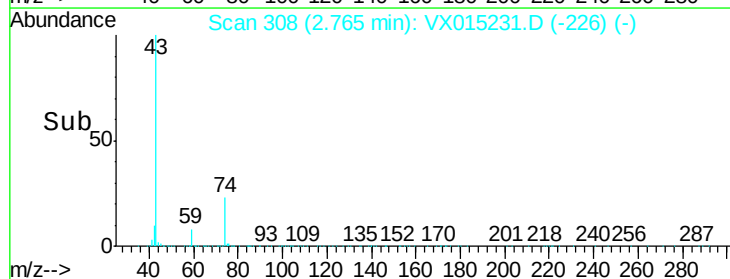
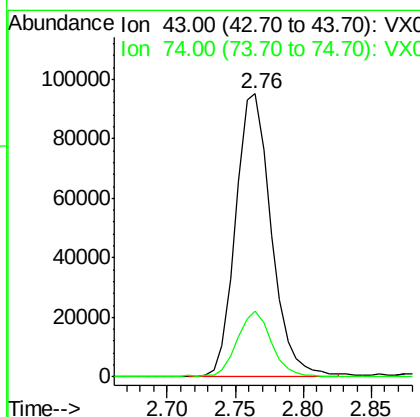
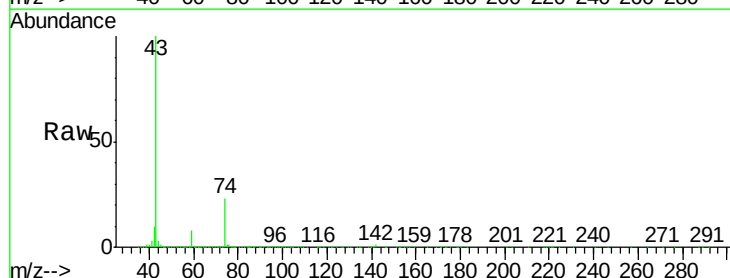
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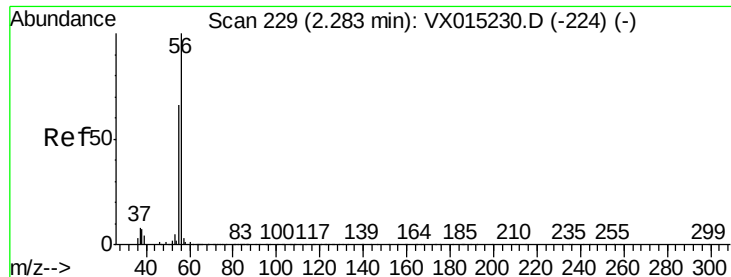
MMDadoda
3/16/2020 11:43:37 AM



#12
Methyl Acetate
Concen: 55.077 ug/l
RT: 2.76 min Scan# 308
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.0	18.0	27.0





#13

Acrolein

Concen: 199.773 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 56 Resp: 124789

Ion Ratio Lower Upper

56 100

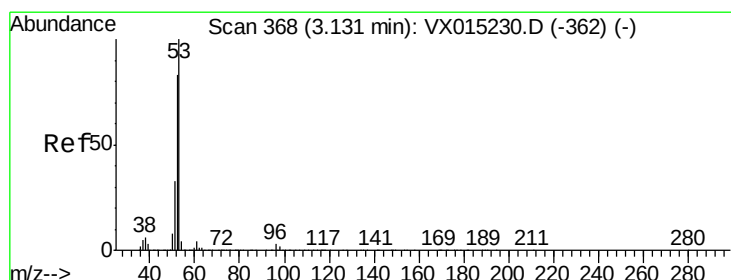
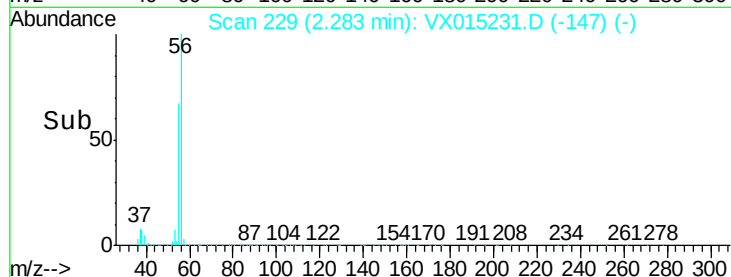
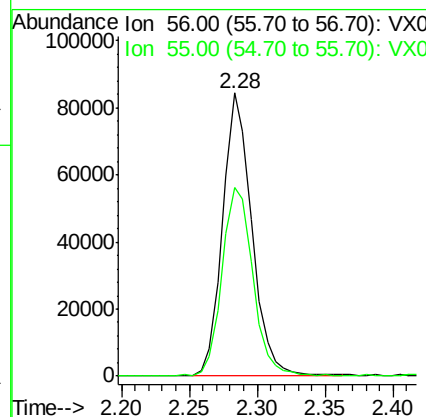
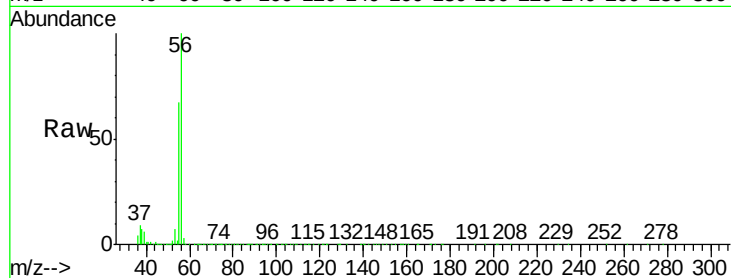
55 69.6 55.1 82.7

Manual Integrations

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#14

Acrylonitrile

Concen: 279.872 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

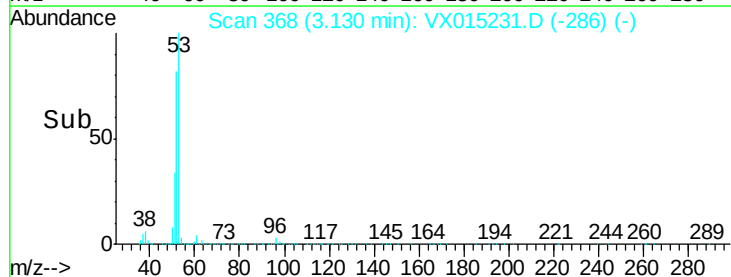
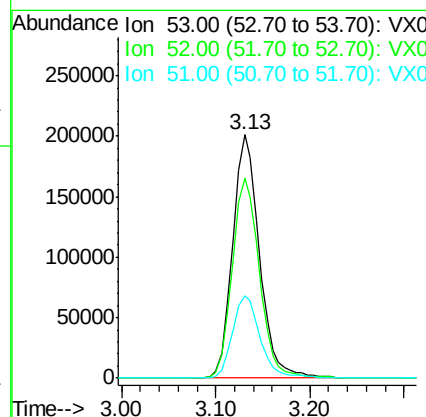
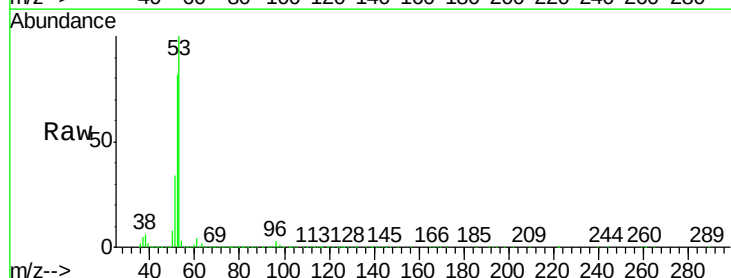
Tgt Ion: 53 Resp: 396983

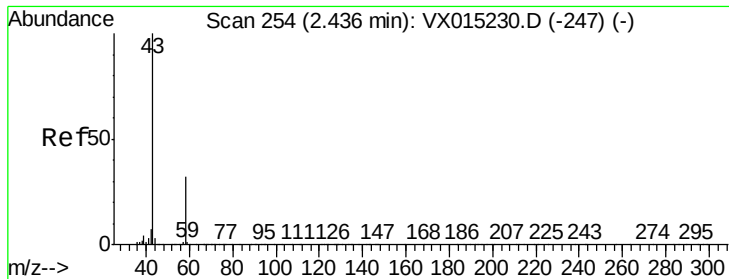
Ion Ratio Lower Upper

53 100

52 83.3 41.5 124.5

51 34.8 17.7 53.1





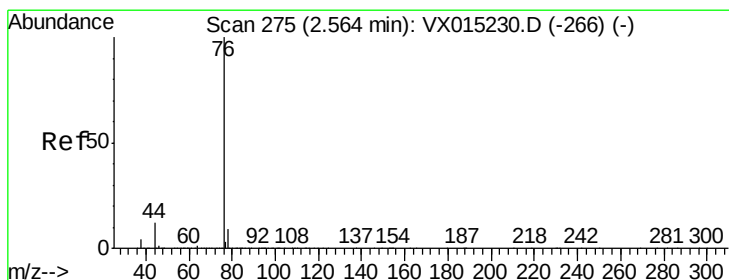
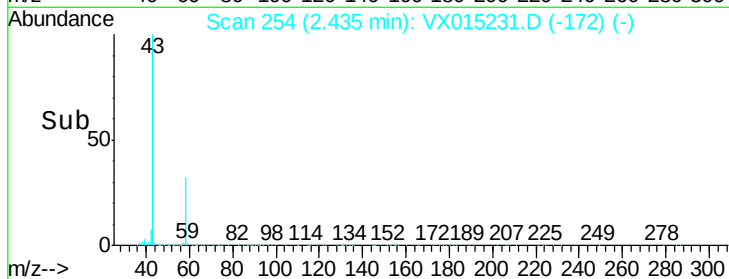
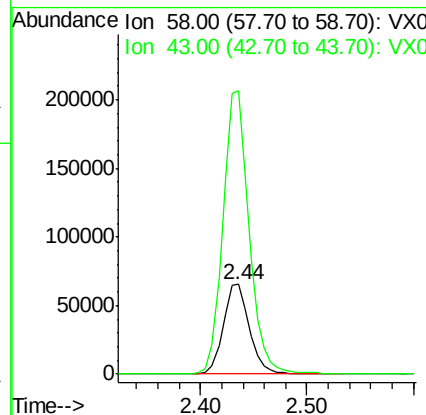
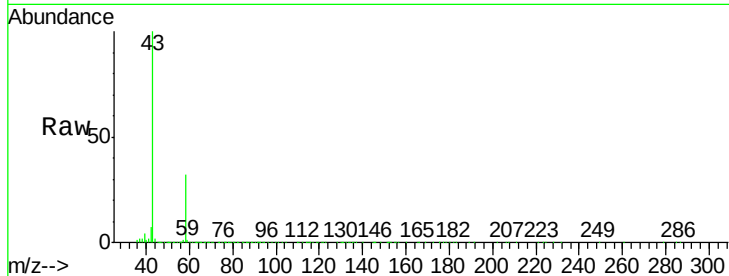
#15
Acetone
Concen: 219.204 ug/l
RT: 2.44 min Scan# 254
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion: 58 Resp: 111273
Ion Ratio Lower Upper
58 100
43 315.4 248.7 373.1

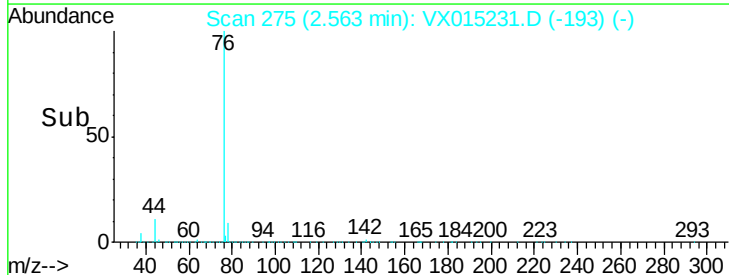
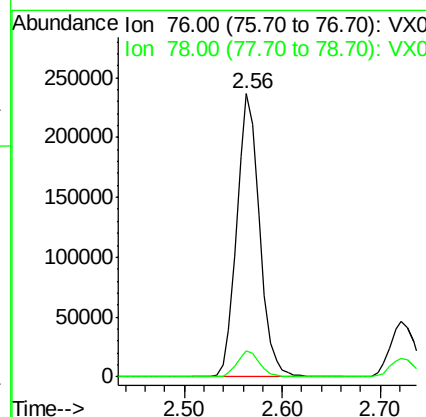
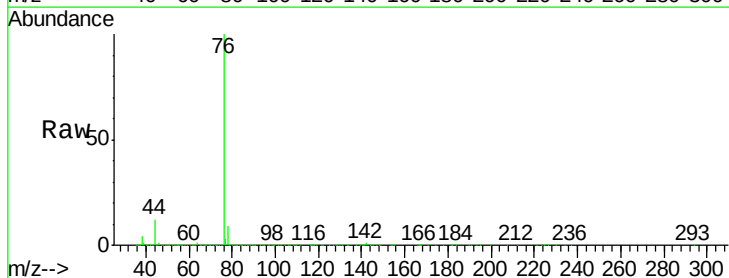
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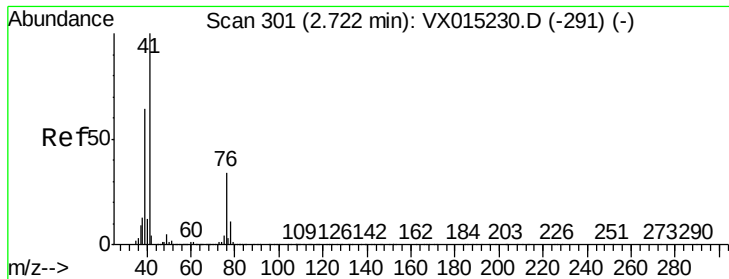
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#16
Carbon Disulfide
Concen: 56.403 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion: 76 Resp: 382778
Ion Ratio Lower Upper
76 100
78 9.0 7.3 10.9





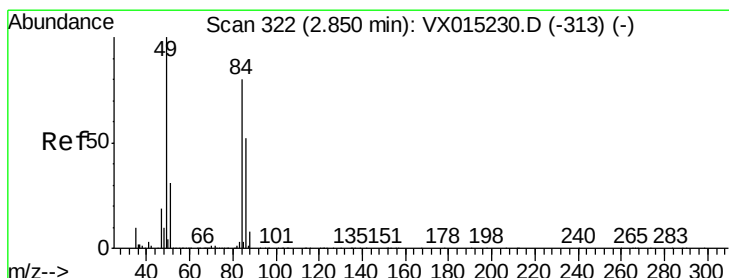
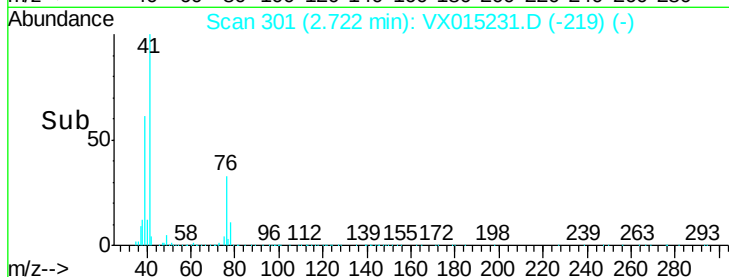
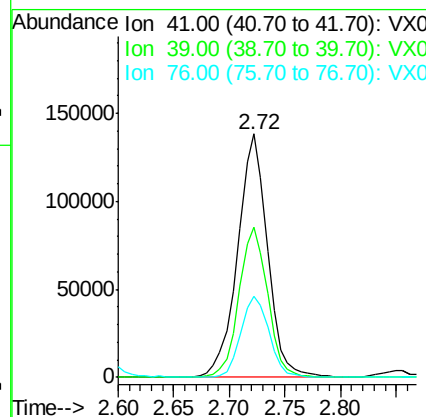
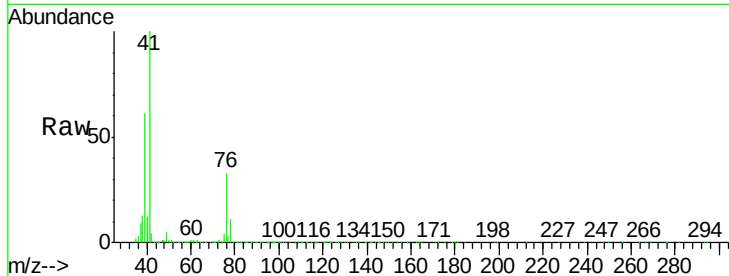
#17
Allvl chloride
Concen: 58.363 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:	41	Resp:	256247
Ion Ratio	Lower	Upper	
41	100		
39	61.3	32.1	96.5
76	33.2	17.2	51.5

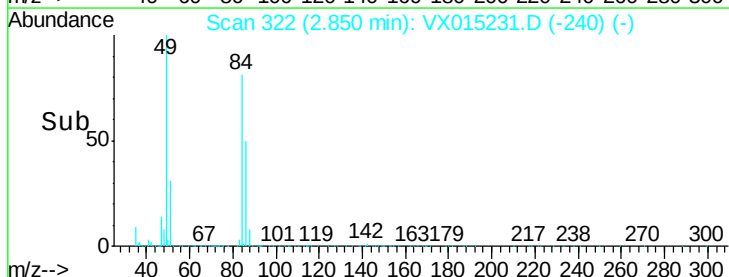
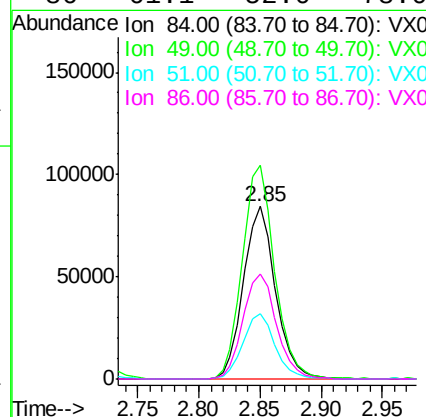
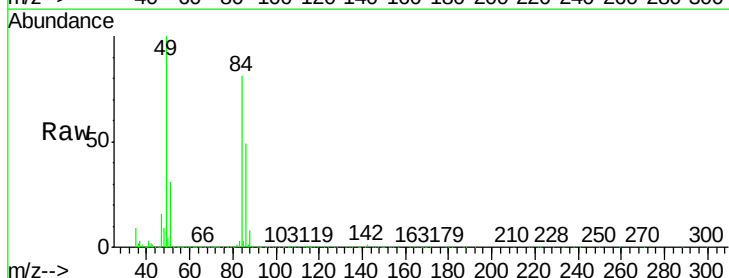
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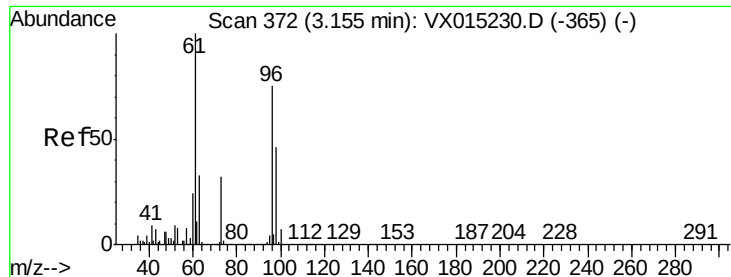
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#18
Methylene Chloride
Concen: 52.740 ug/l
RT: 2.85 min Scan# 322
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:	84	Resp:	153373
Ion Ratio	Lower	Upper	
84	100		
49	124.0	99.5	149.3
51	38.1	31.0	46.6
86	61.1	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 53.575 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

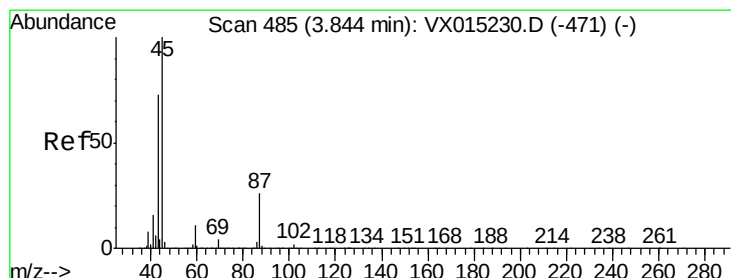
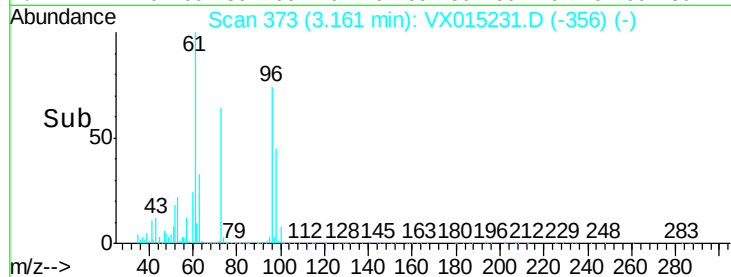
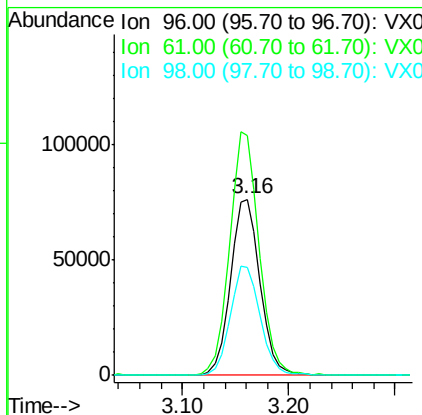
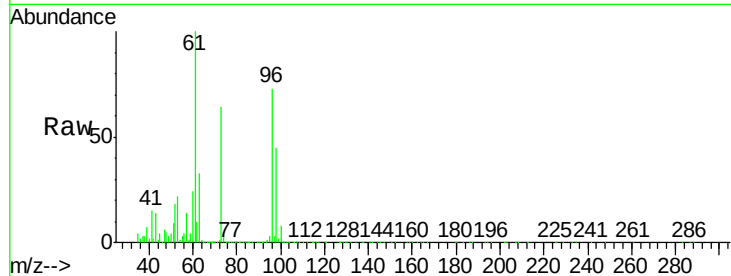
ClientSampleId :

VSTDIC050

Tot Ion:	96	Resp:	148527
Ion Ratio	Lower	Upper	
96	100		
61	136.3	106.3	159.5
98	61.2	49.1	73.7

Manual Integrations
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3/16/2020 11:43:37 AM



#20

Diisopropyl ether

Concen: 56.722 ug/l

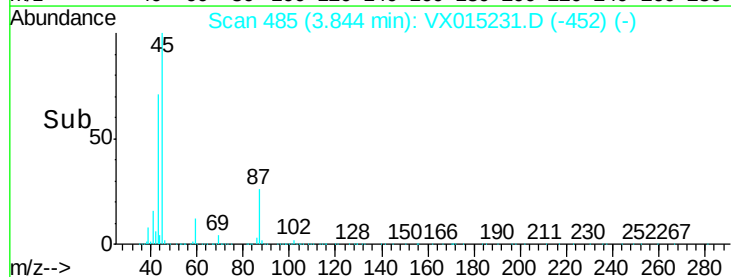
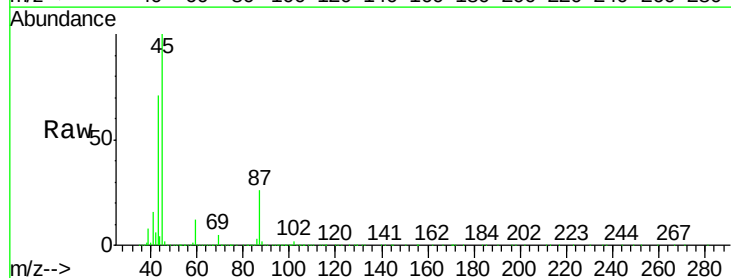
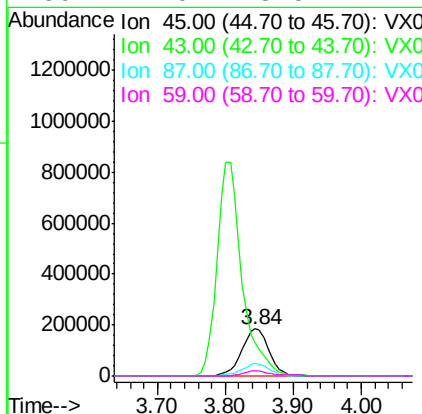
RT: 3.84 min Scan# 485

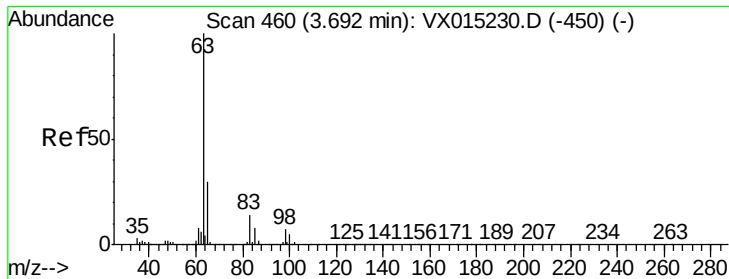
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	45	Resp:	508612
Ion Ratio	Lower	Upper	
45	100		
43	70.6	58.6	87.8
87	25.9	21.0	31.4
59	12.0	8.5	12.7





#21

1,1-Dichloroethane

Concen: 53.529 ug/l

RT: 3.69 min Scan# 460

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

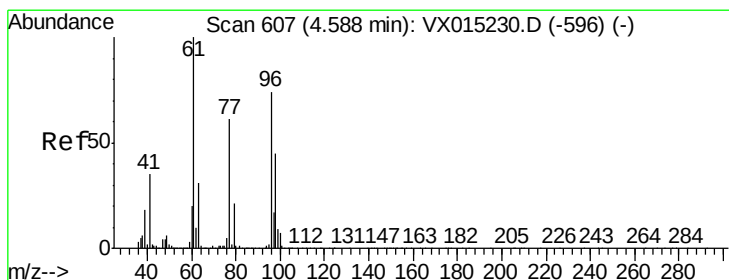
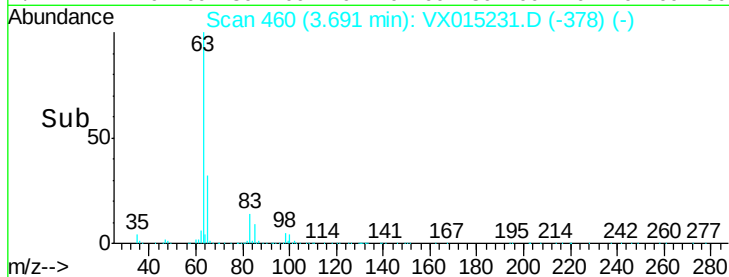
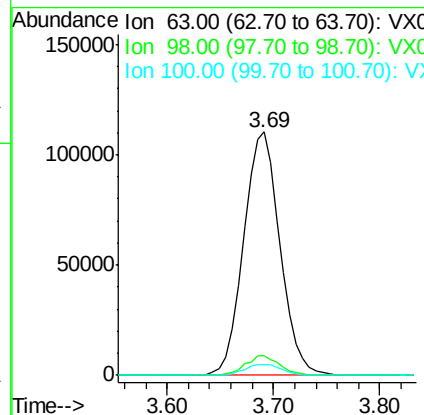
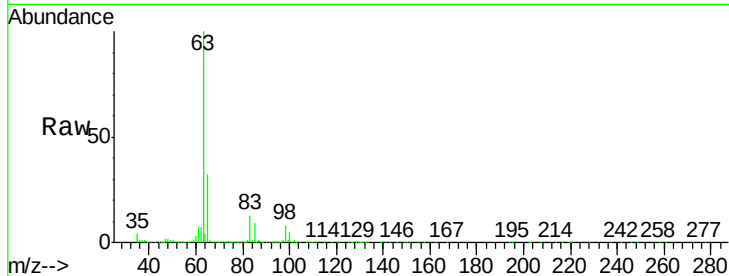
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	263114
Ion Ratio	Lower	Upper	
63	100		
98	7.7	3.5	10.6
100	4.5	2.4	7.1

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#22

cis-1,2-Dichloroethene

Concen: 52.586 ug/l

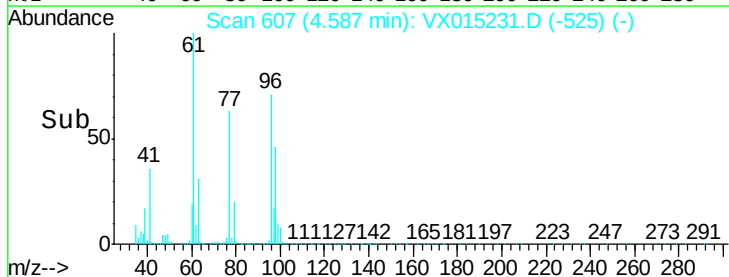
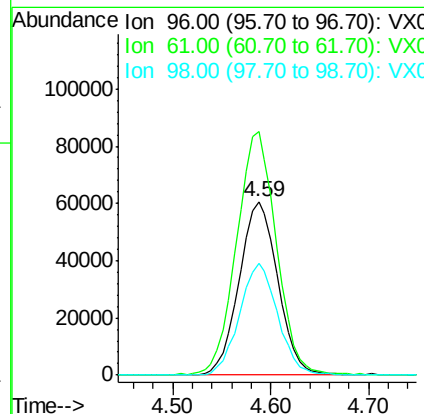
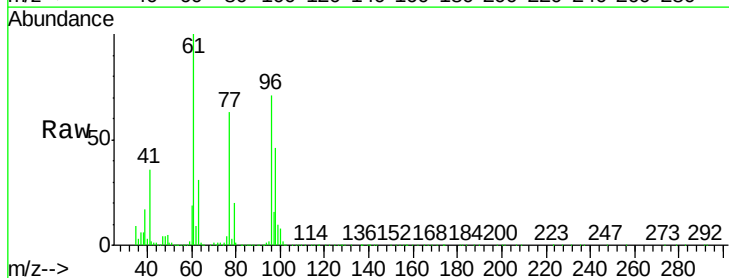
RT: 4.59 min Scan# 607

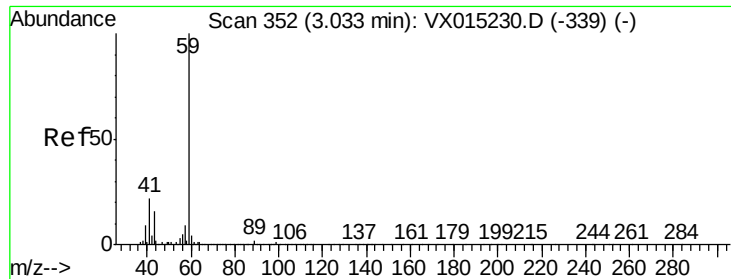
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	96	Resp:	166828
Ion Ratio	Lower	Upper	
96	100		
61	143.8	111.4	167.0
98	63.7	50.1	75.1





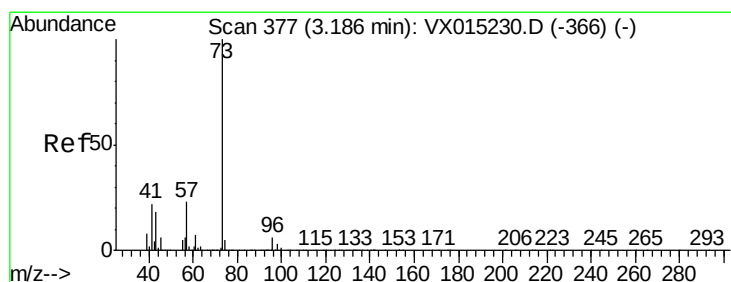
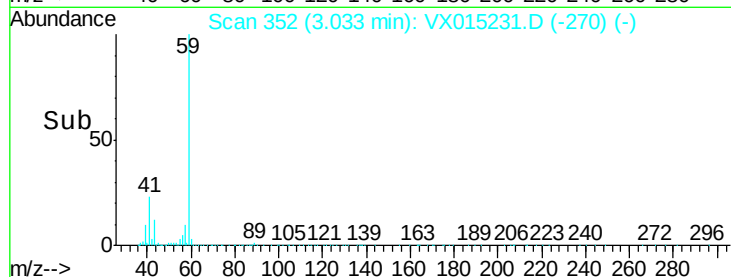
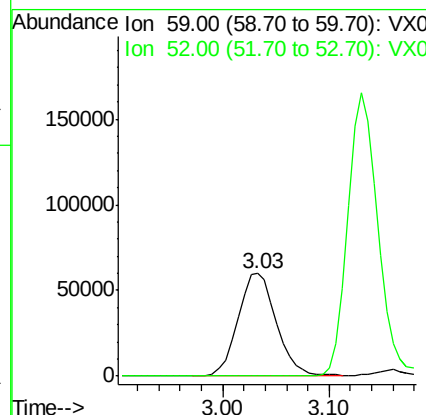
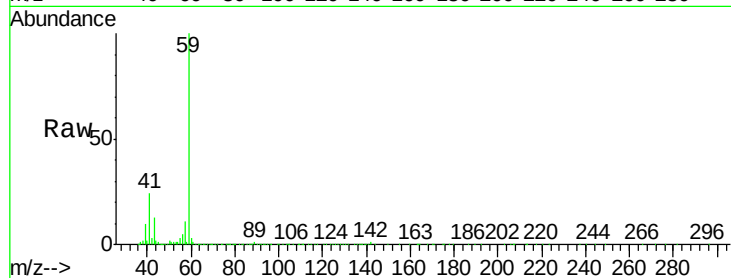
#23
 tert-Butyl Alcohol
 Concen: 268.550 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion: 59 Resp: 150999
 Ion Ratio Lower Upper
 59 100
 52 0.1 0.4 0.6#

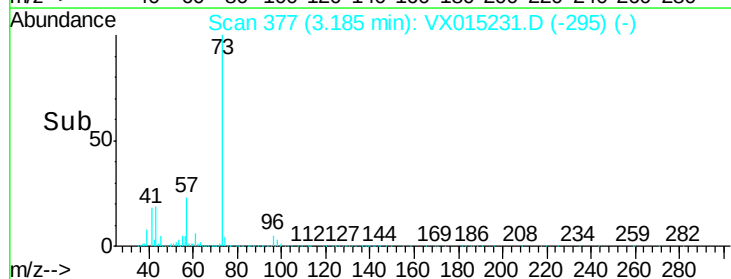
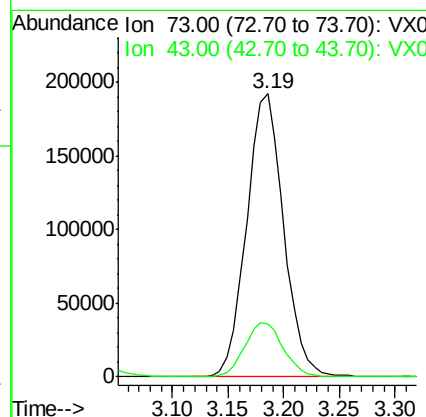
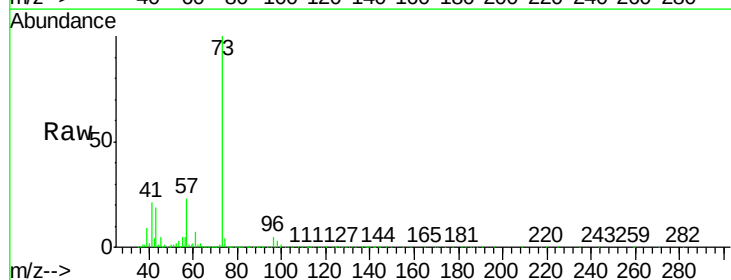
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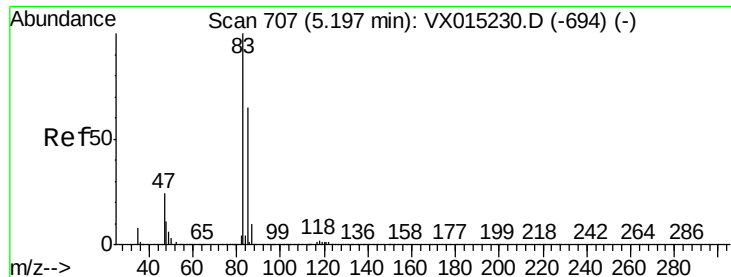
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 3/16/2020 11:43:37 AM



#24
 Methyl tert-Butyl Ether
 Concen: 52.909 ug/l
 RT: 3.19 min Scan# 377
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion: 73 Resp: 444299
 Ion Ratio Lower Upper
 73 100
 43 19.9 15.9 23.9





#25

Chloroform

Concen: 51.255 ug/l

RT: 5.20 min Scan# 708

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 83 Resp: 254062

Ion Ratio Lower Upper

83 100

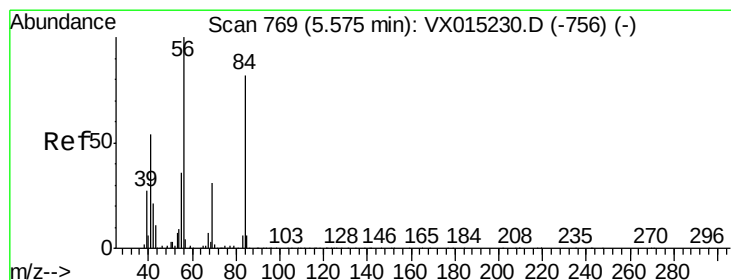
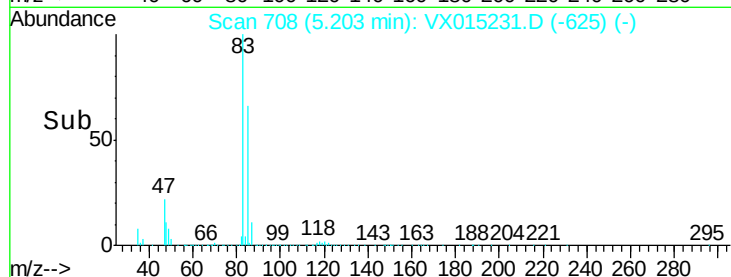
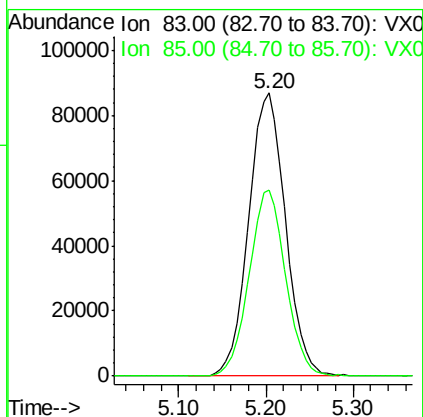
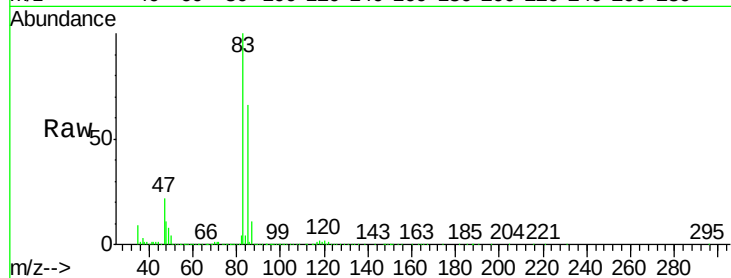
85 65.7 51.4 77.2

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#26

Cyclohexane

Concen: 57.094 ug/l

RT: 5.58 min Scan# 769

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

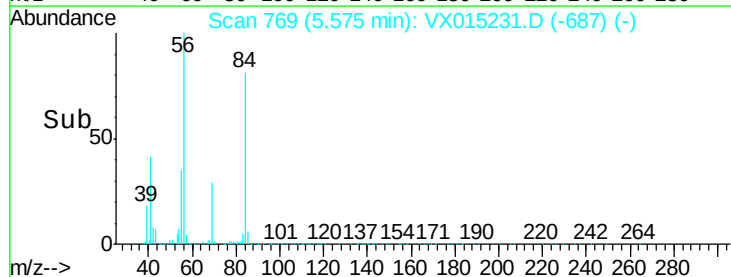
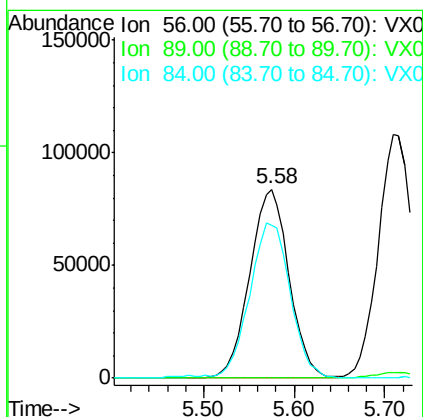
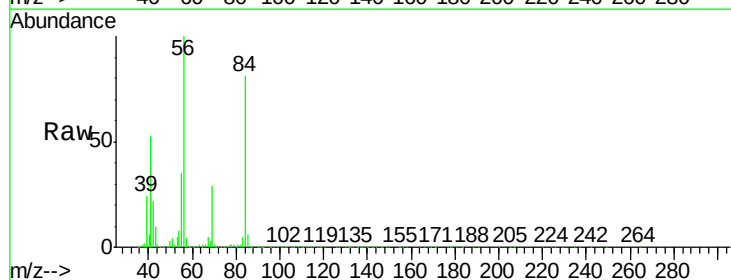
Tgt Ion: 56 Resp: 250821

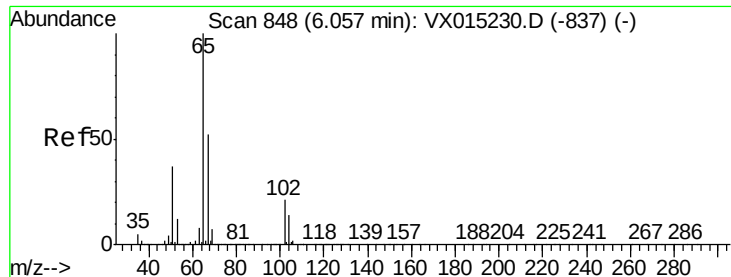
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 84.8 68.2 102.4





#27

1,2-Dichloroethane-d4

Concen: 28.936 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 65 Resp: 96608

Ion Ratio Lower Upper

65 100

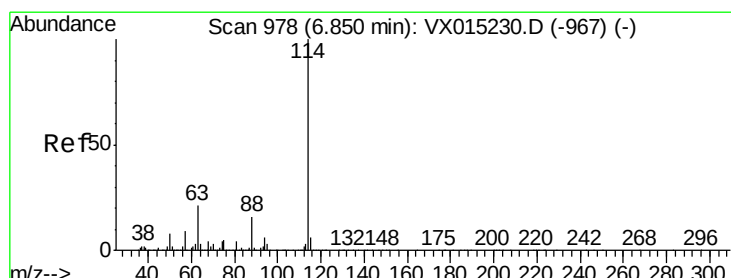
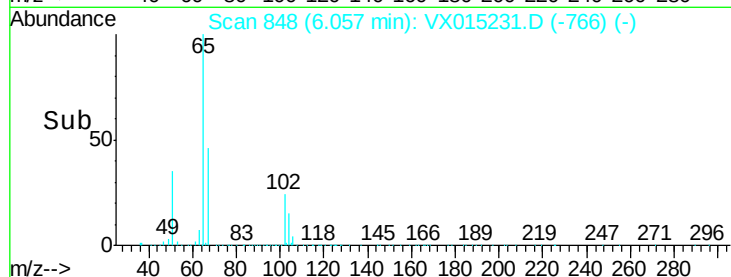
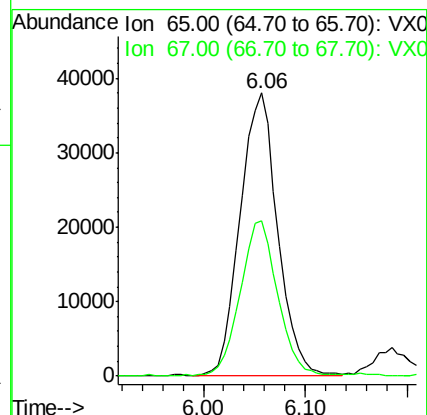
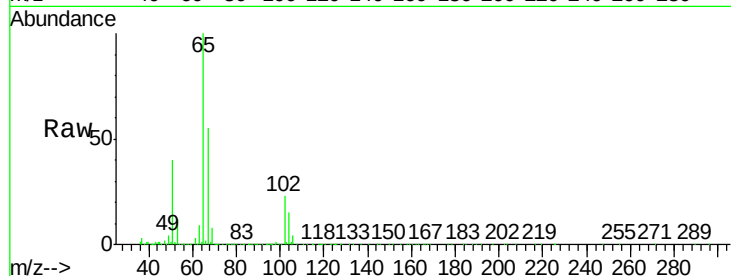
67 54.5 43.5 65.3

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#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

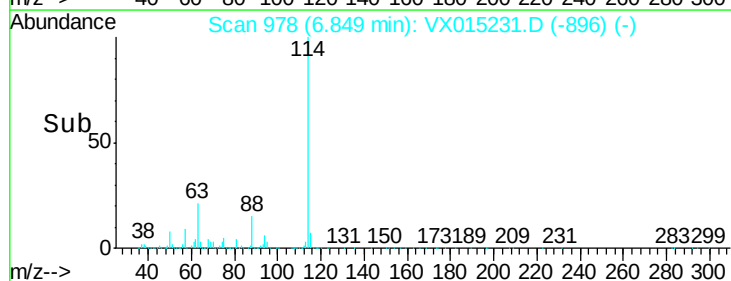
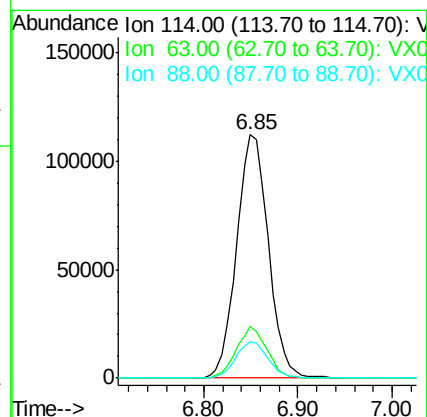
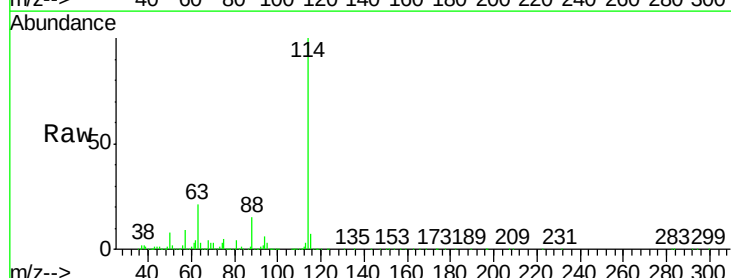
Tgt Ion: 114 Resp: 264443

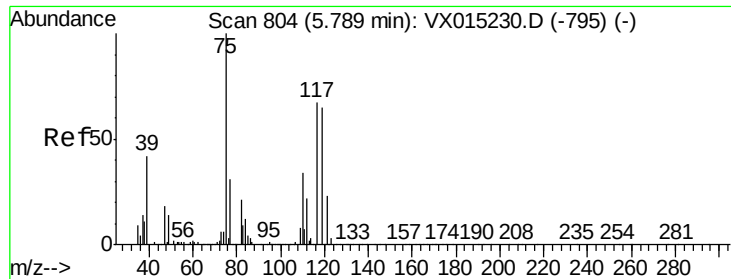
Ion Ratio Lower Upper

114 100

63 20.1 16.6 24.8

88 15.0 12.6 19.0





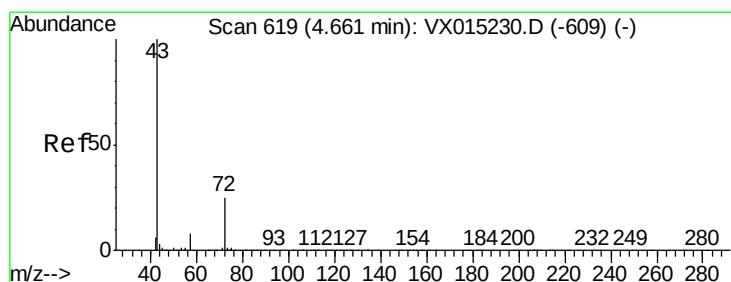
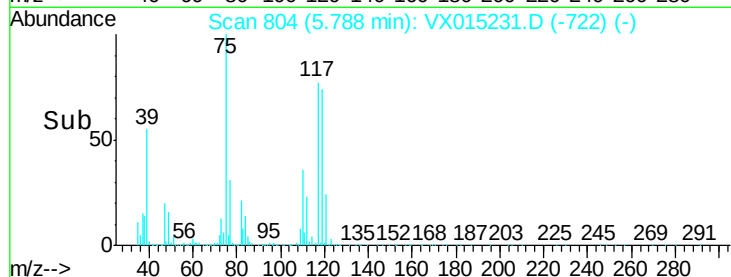
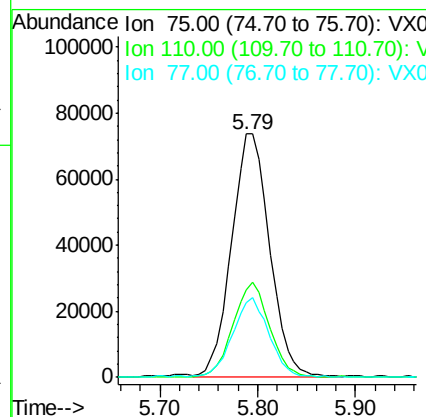
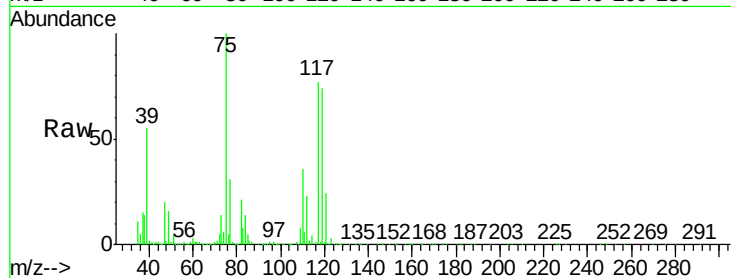
#29
 1,1-Dichloropropene
 Concen: 53.360 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp Lower	Upper
75	100		
110	37.4	0.0	73.6
77	30.5	0.0	63.4

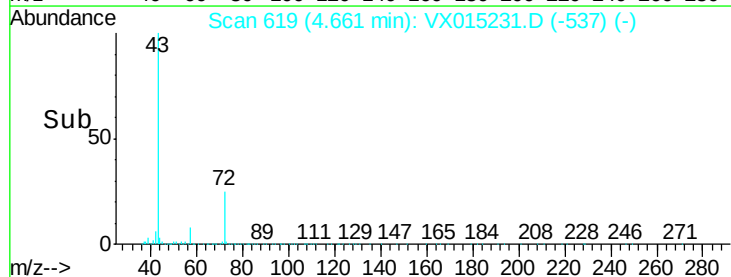
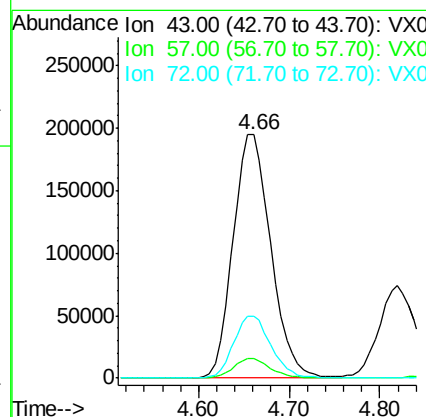
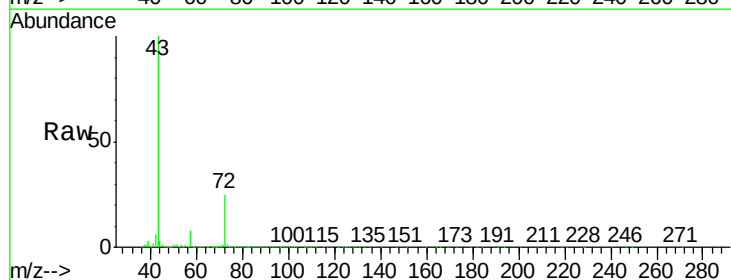
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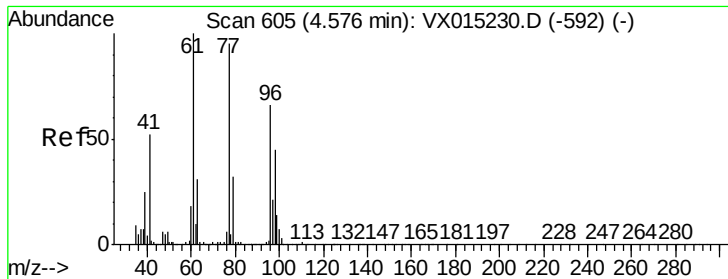
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#30
 2-Butanone
 Concen: 259.592 ug/l
 RT: 4.66 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Resp Lower	Upper
43	100		
57	7.8	6.4	9.6
72	25.0	19.9	29.9





#31

2,2-Dichloropropane

Concen: 50.711 ug/l

RT: 4.58 min Scan# 605

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 77 Resp: 208277

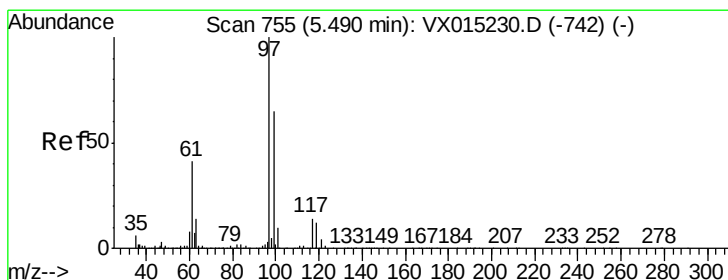
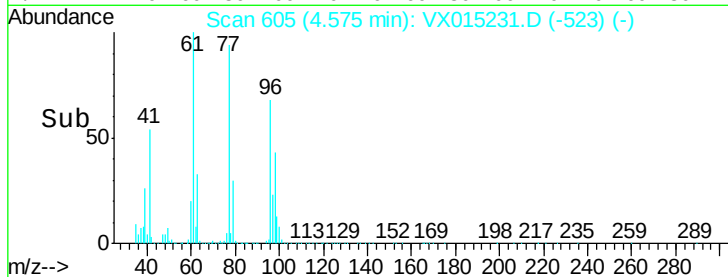
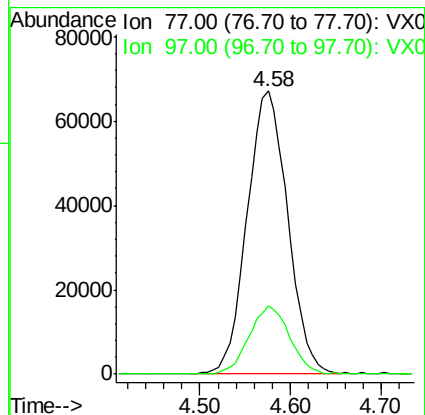
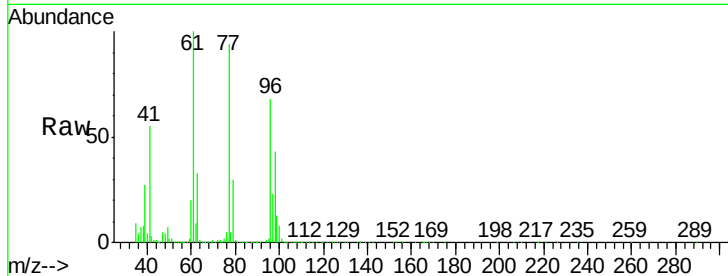
Ion Ratio Lower Upper

77 100

97 23.8 19.8 29.6

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#32

1,1,1-Trichloroethane

Concen: 51.026 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

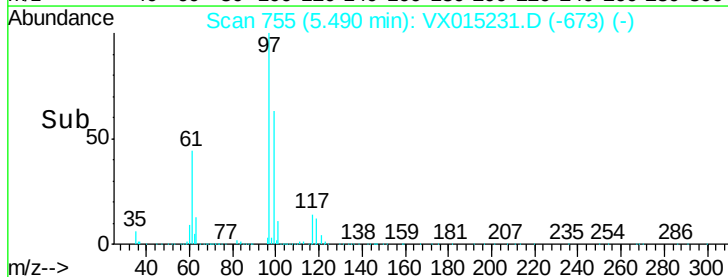
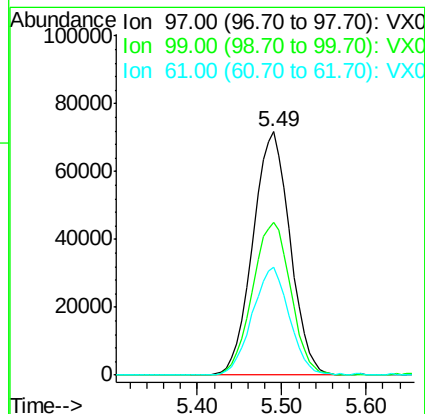
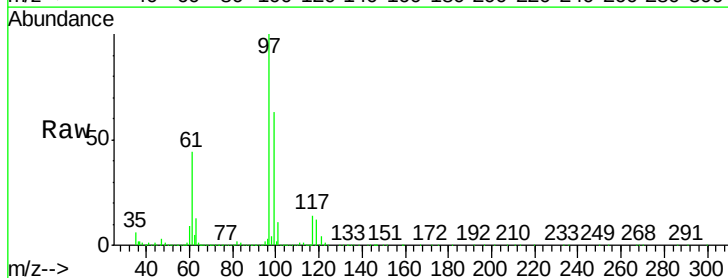
Tgt Ion: 97 Resp: 216738

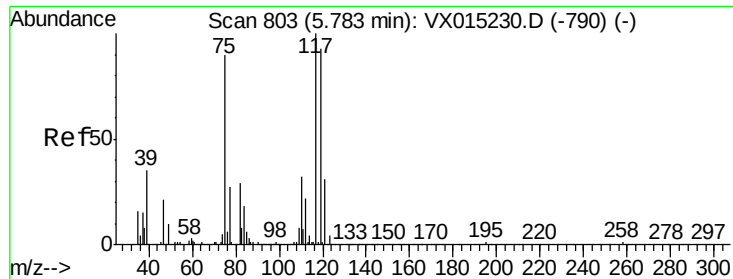
Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 43.9 35.0 52.6





#33

Carbon Tetrachloride

Concen: 50.845 ug/l

RT: 5.78 min Scan# 802

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

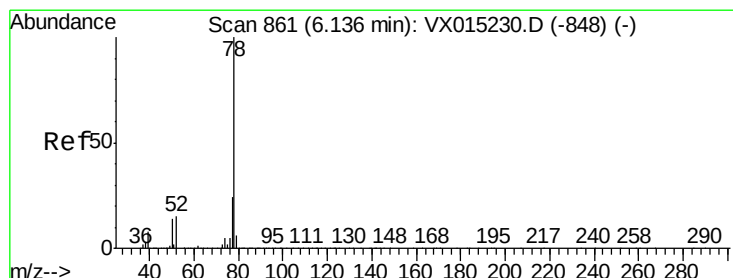
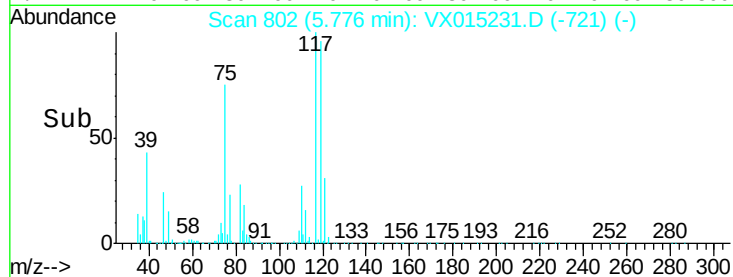
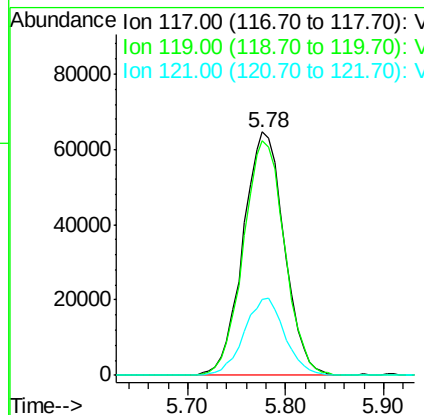
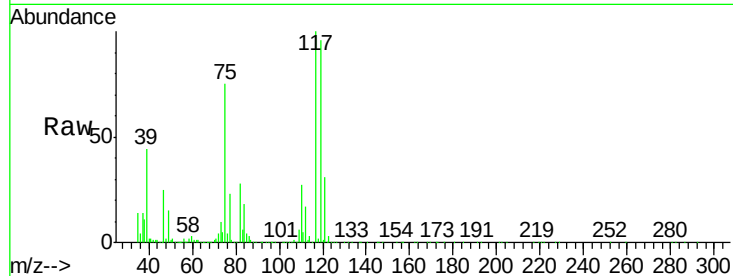
ClientSampleId :

VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
119	96.4	74.2	111.4
121	31.3	24.3	36.5

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#34

Benzene

Concen: 54.045 ug/l

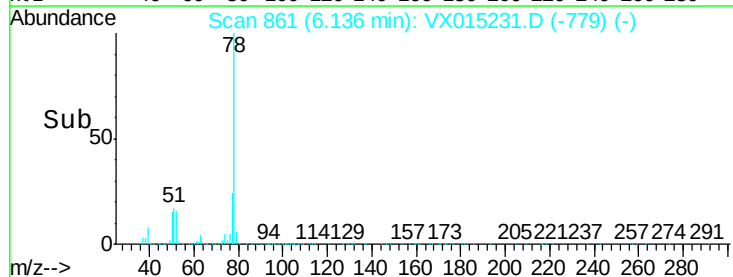
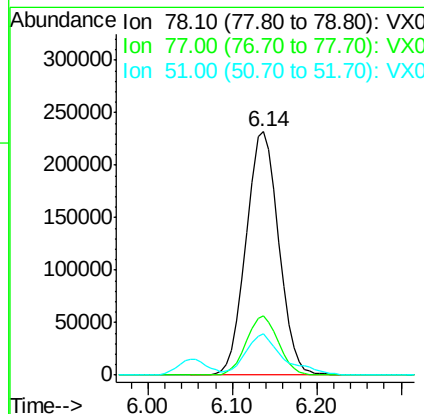
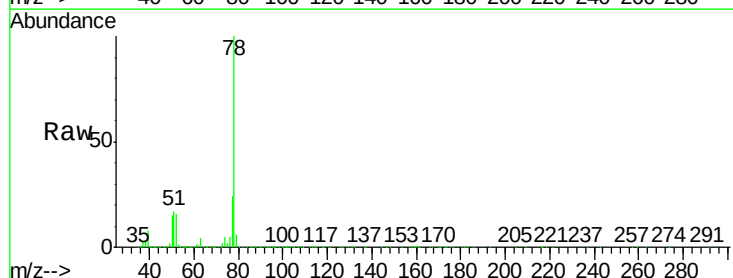
RT: 6.14 min Scan# 861

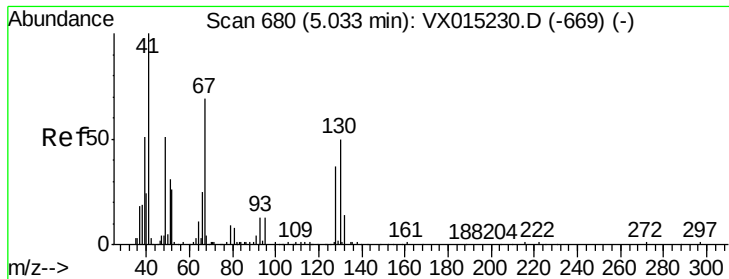
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.3	19.1	28.7
51	16.5	13.4	20.2





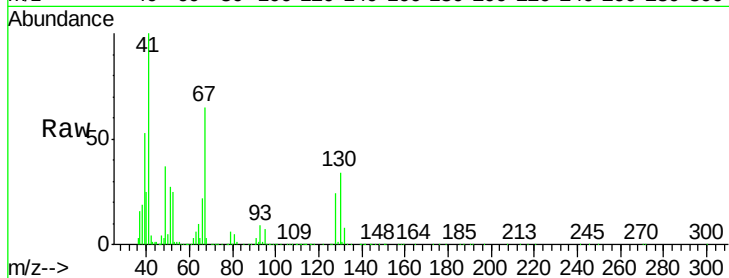
#35
Methacrylonitrile
Concen: 55.110 ug/l
RT: 5.03 min Scan# 679
Delta R.T. -0.01 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

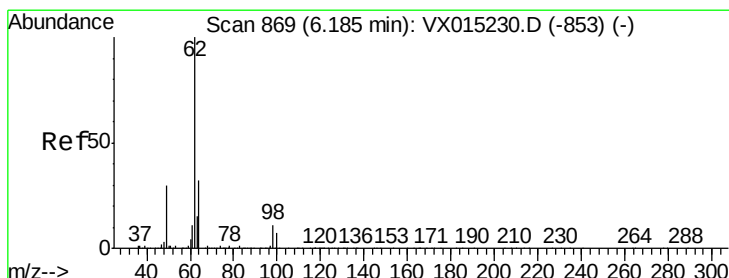
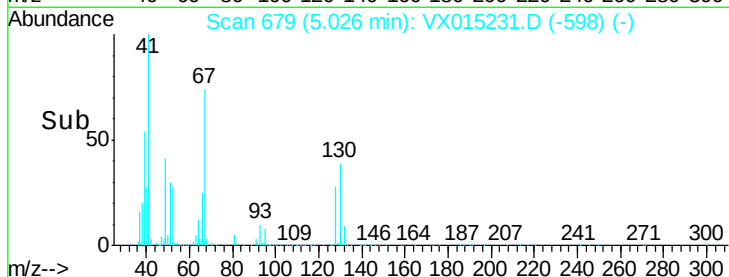
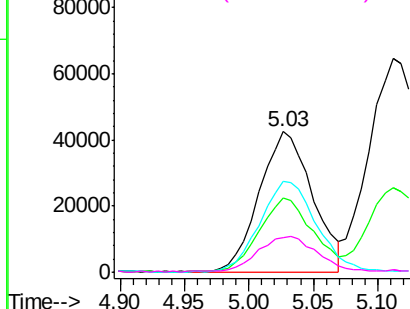
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	52.1	25.7	77.1	
67	64.5	34.3	102.8	
52	23.7	12.9	38.6	

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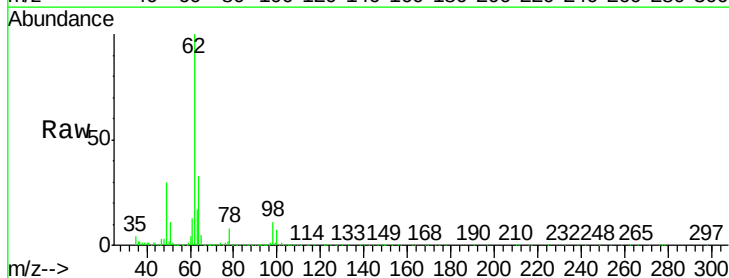


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

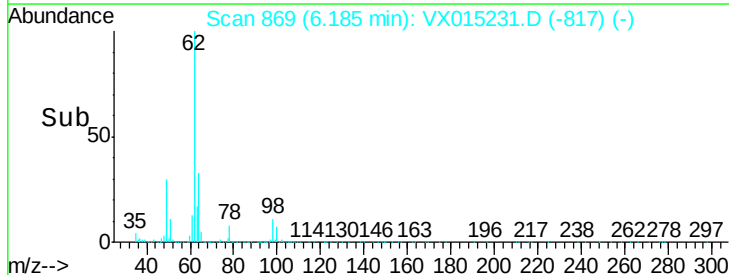
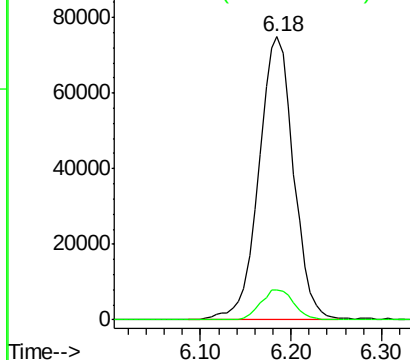


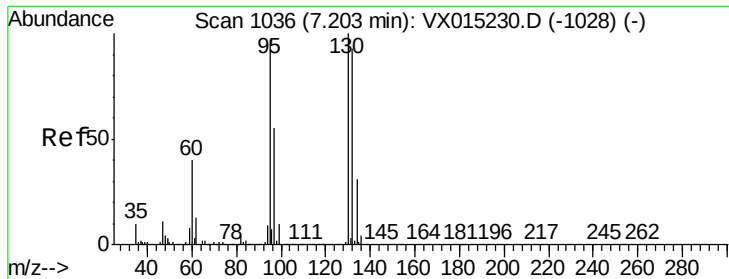
#36
1,2-Dichloroethane
Concen: 49.559 ug/l
RT: 6.18 min Scan# 869
Delta R.T. -0.18 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	8.4	12.6	



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 53.149 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:130 Resp: 168424

Ion Ratio Lower Upper

130 100

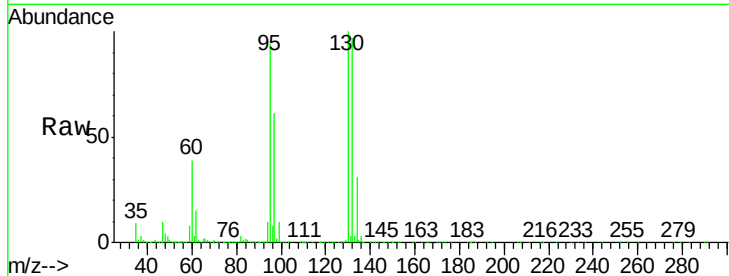
95 94.2 77.4 116.0

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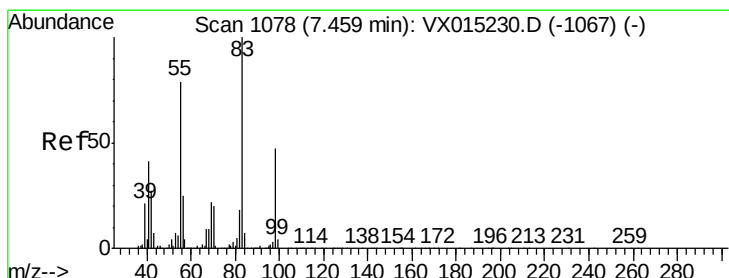
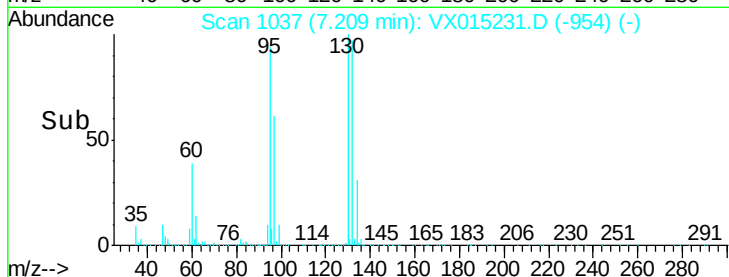
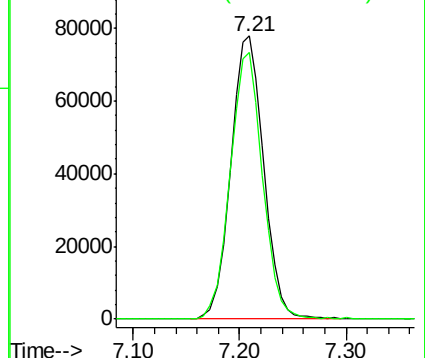
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Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 53.669 ug/l

RT: 7.46 min Scan# 1078

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

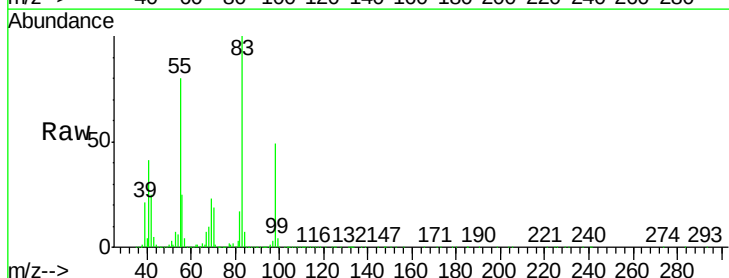
Tgt Ion: 83 Resp: 248824

Ion Ratio Lower Upper

83 100

55 79.0 39.1 117.2

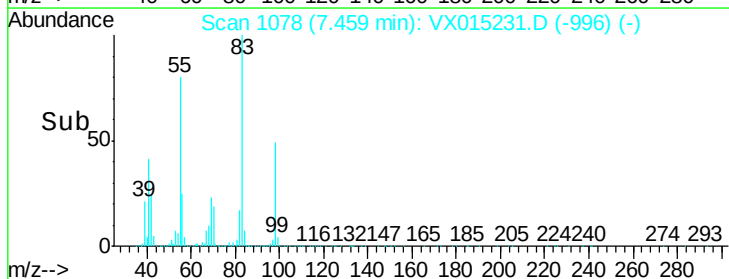
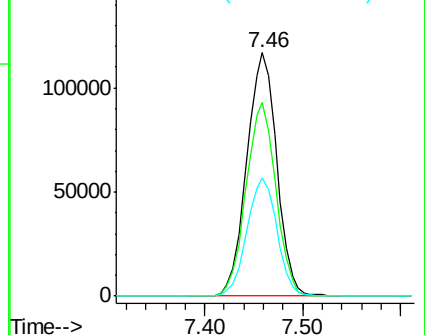
98 49.0 24.4 73.2

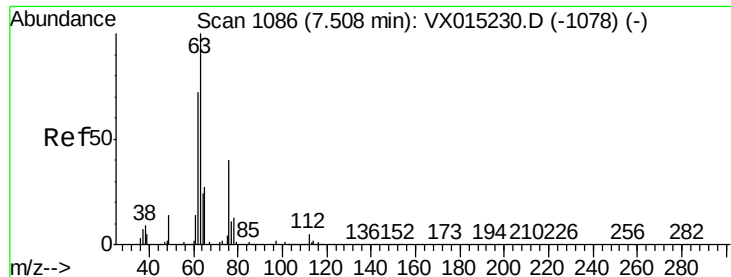


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





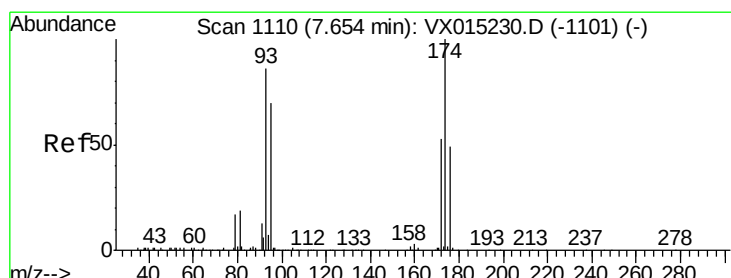
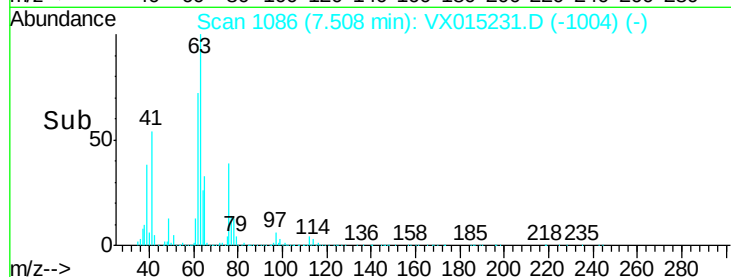
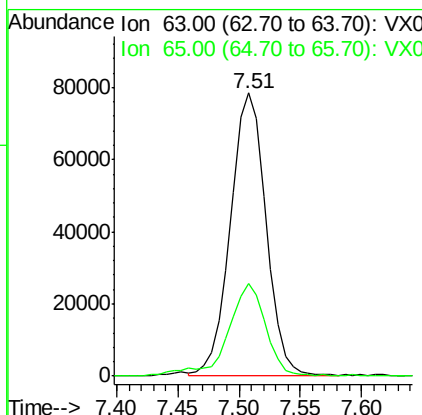
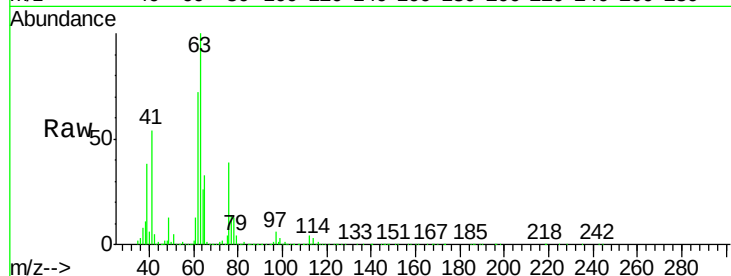
#39
 1,2-Dichloropropane
 Concen: 54.272 ug/l
 RT: 7.51 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.5	23.2	34.8

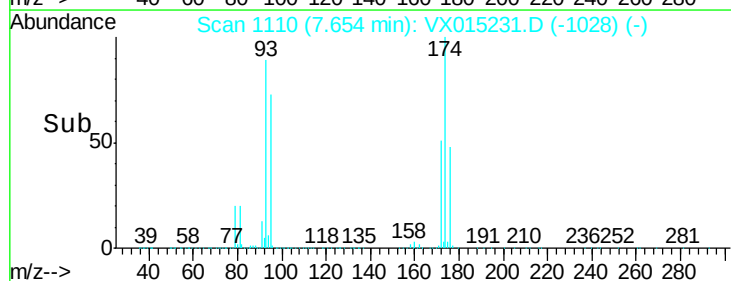
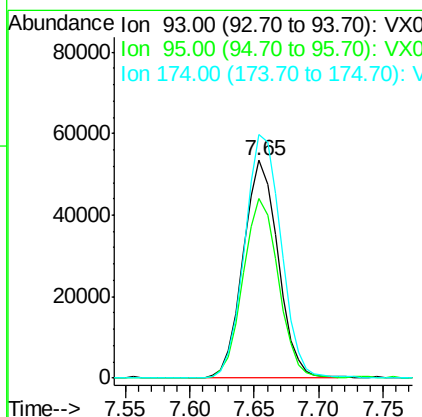
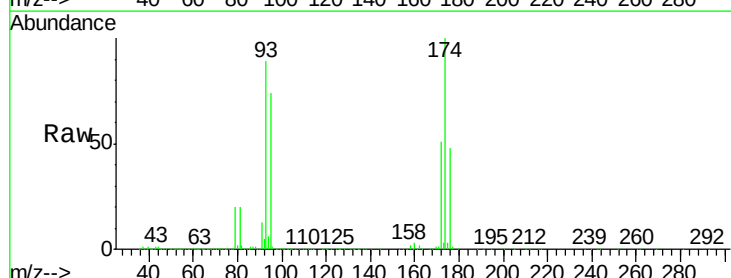
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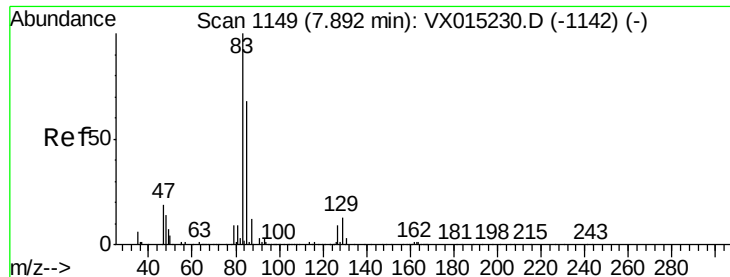
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#40
 Dibromomethane
 Concen: 51.748 ug/l
 RT: 7.65 min Scan# 1110
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.7	0.0	162.6
174	116.4	0.0	233.6





#41

Bromodichloromethane

Concen: 52.306 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

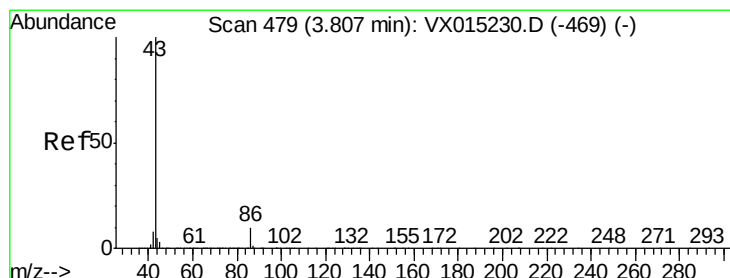
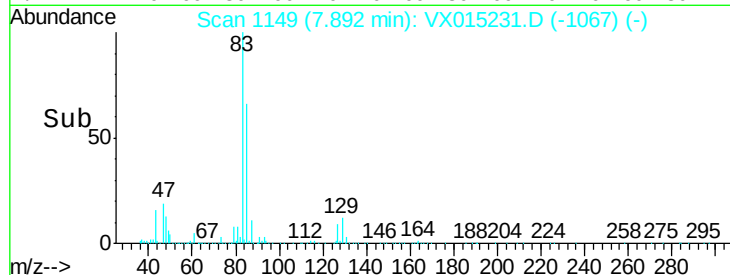
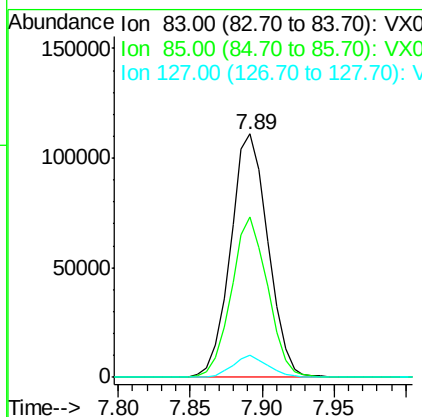
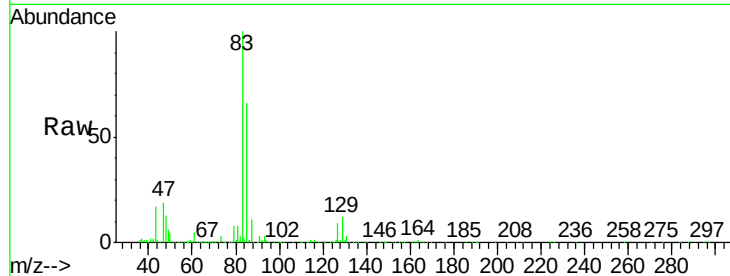
ClientSampleId :

VSTDIC050

Tot Ion:	83	Resp:	200440
Ion Ratio	Lower	Upper	
83	100		
85	65.6	54.2	81.4
127	9.0	7.1	10.7

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#42

Vinyl Acetate

Concen: 282.767 ug/l

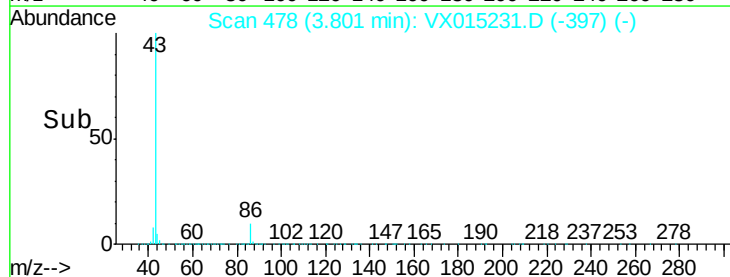
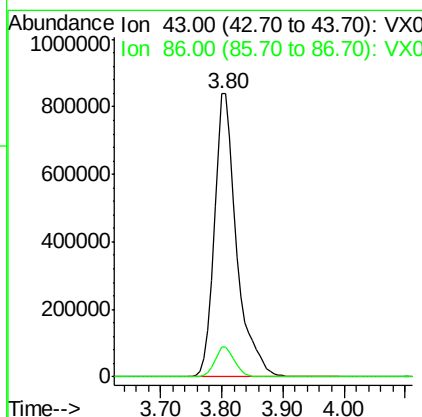
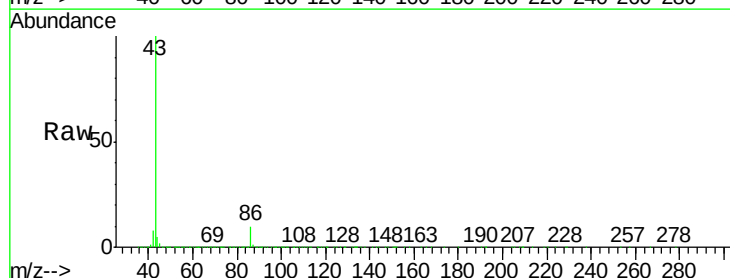
RT: 3.80 min Scan# 478

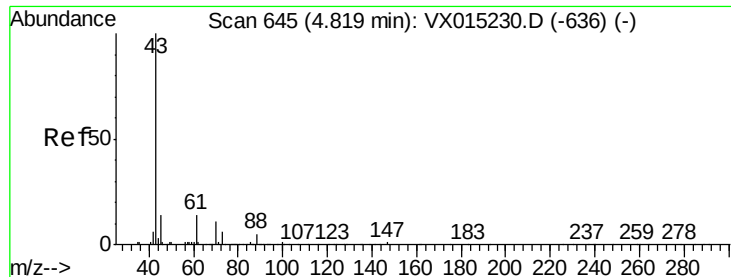
Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	43	Resp:	2148784
Ion Ratio	Lower	Upper	
43	100		
86	9.3	7.4	11.2





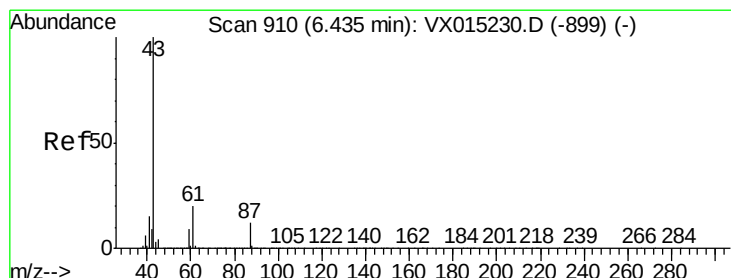
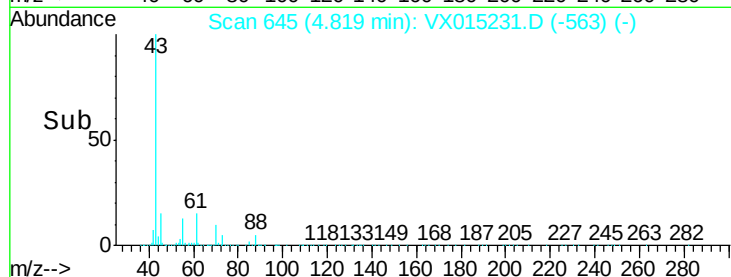
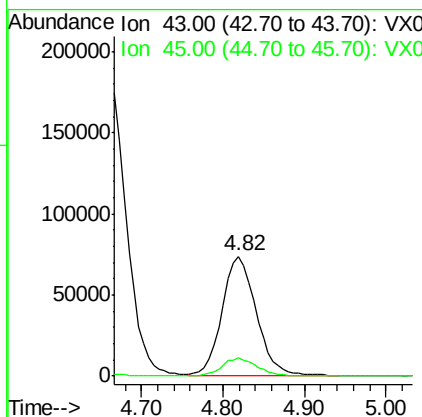
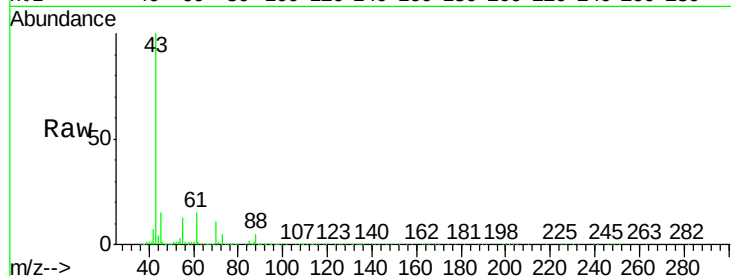
#43
Ethyl Acetate
Concen: 54.996 ug/l
RT: 4.82 min Scan# 645
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
45	14.9	11.7	17.5

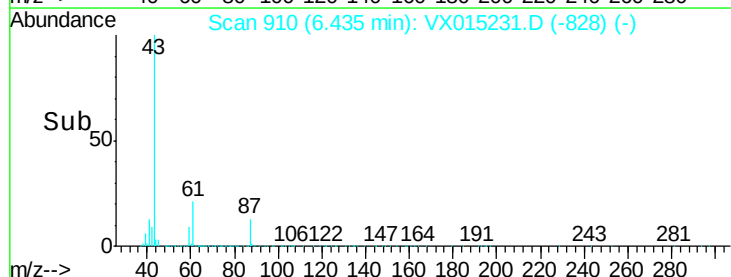
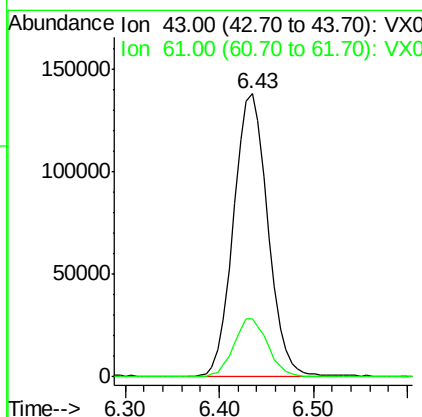
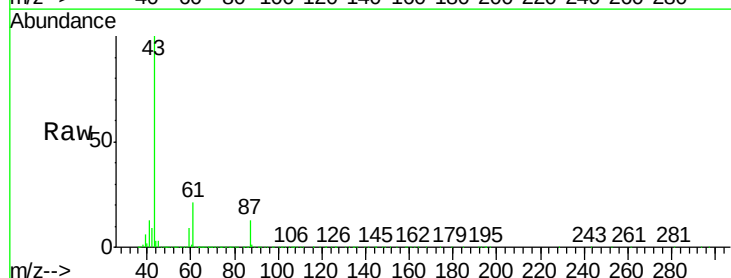
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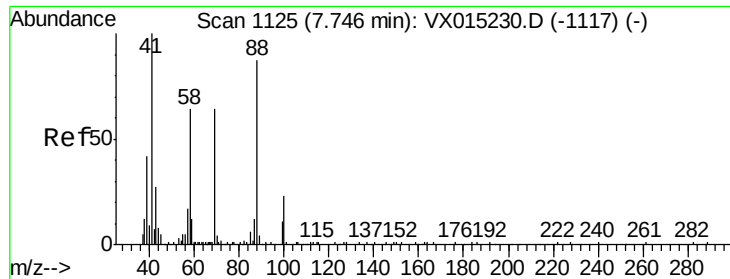
MMDadoda
3/16/2020 11:43:37 AM



#44
Isopropyl Acetate
Concen: 53.325 ug/l
RT: 6.43 min Scan# 910
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
61	20.4	17.0	25.4





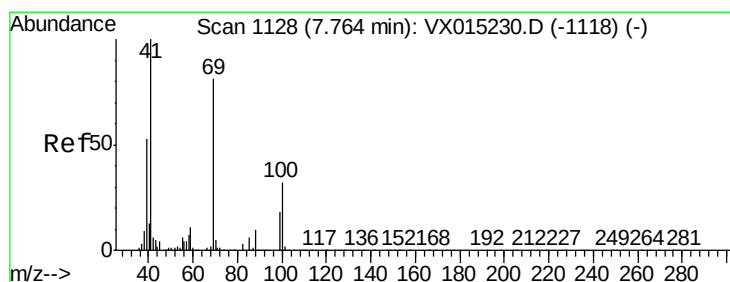
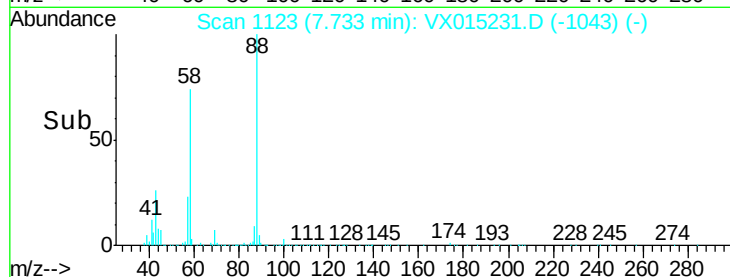
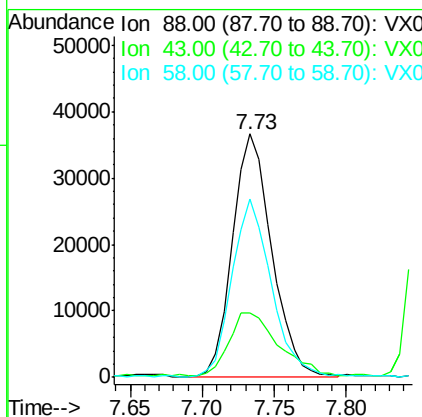
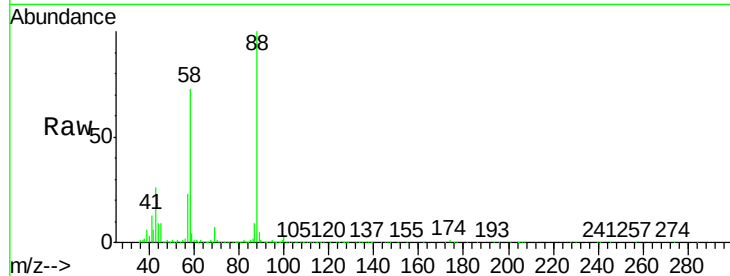
#45
 1,4-Dioxane
 Concen: 1140.468 ug/l
 RT: 7.73 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.1	26.4	39.6
58	74.4	57.3	85.9

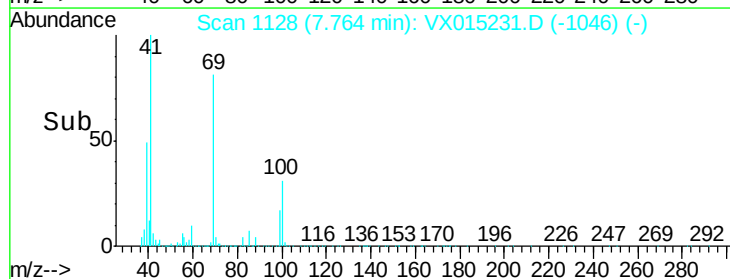
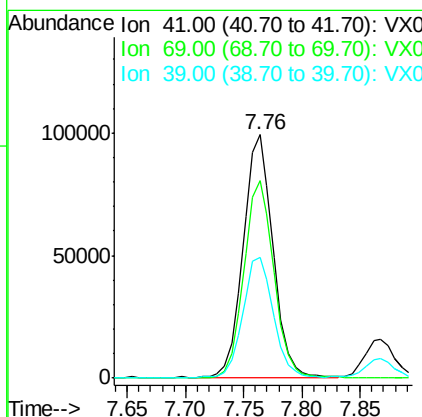
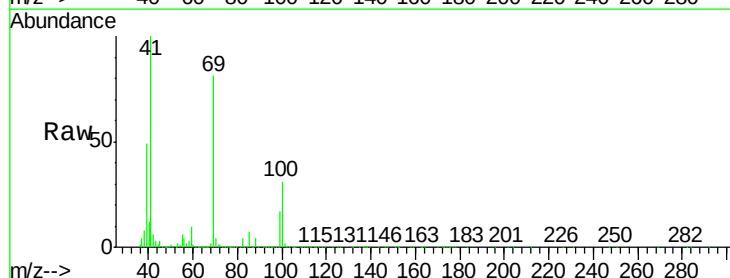
Manual Integrations
 APPROVED

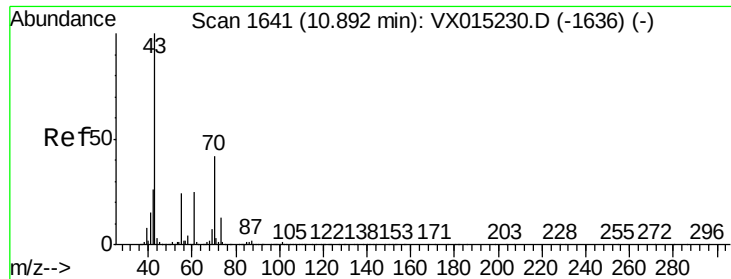
MMDadoda
 3/16/2020 11:43:37 AM



#46
 Methyl methacrylate
 Concen: 54.268 ug/l
 RT: 7.76 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
41	100		
69	81.1	40.5	121.4
39	49.3	26.6	79.8





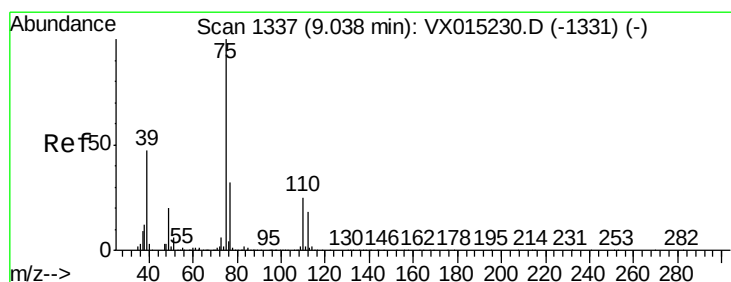
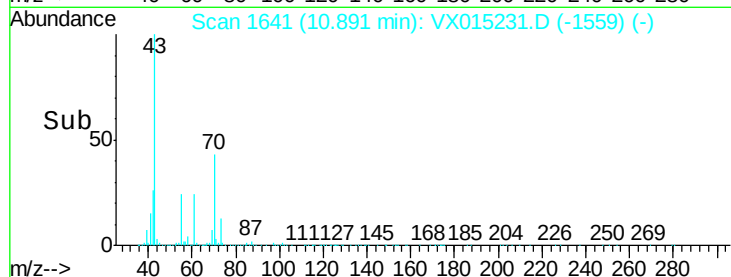
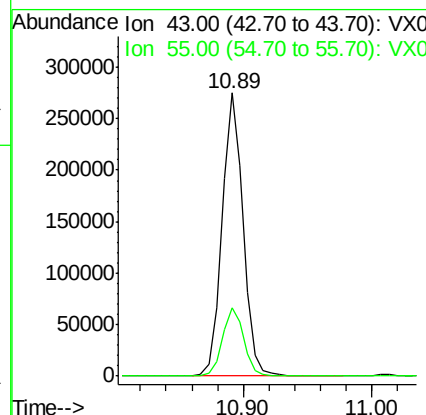
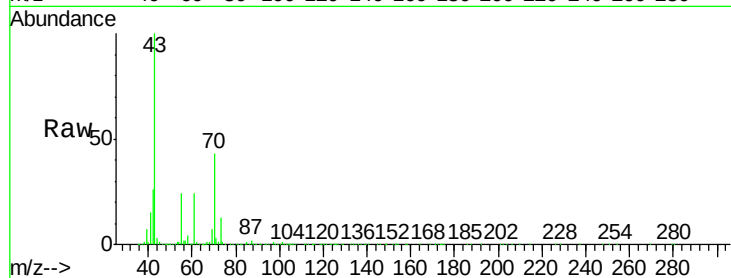
#47
n-amvl Acetate
Concen: 55.601 ug/l
RT: 10.89 min Scan# 1641
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	43	Resp	316316
Ion Ratio	100	Lower	Upper
55	24.7	20.4	30.6

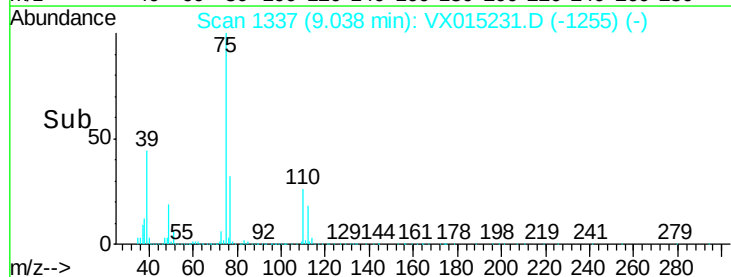
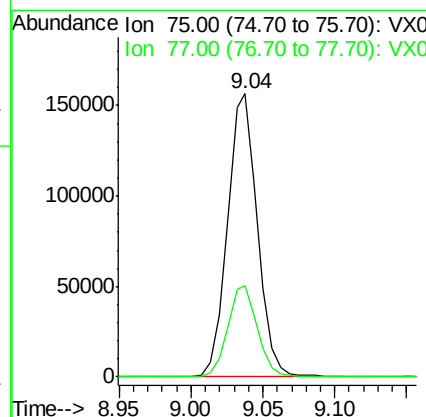
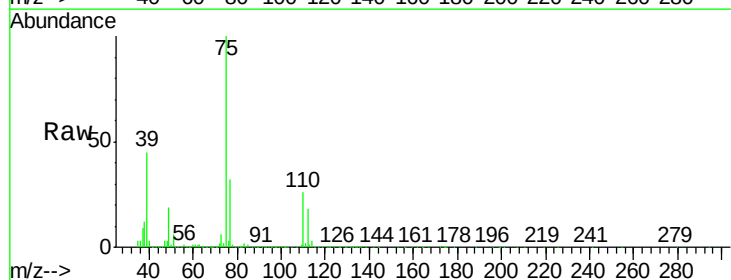
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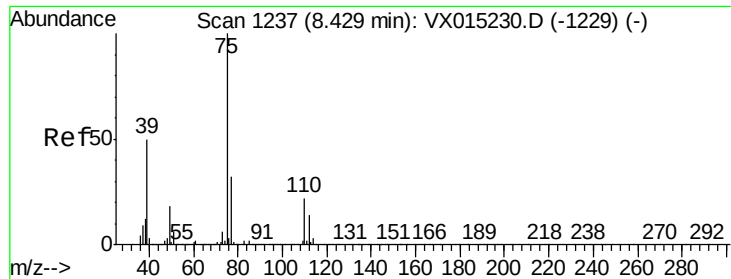
MMDadoda
3/16/2020 11:43:37 AM



#48
t-1,3-Dichloropropene
Concen: 53.351 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	75	Resp	226824
Ion Ratio	100	Lower	Upper
77	32.1	25.1	37.7





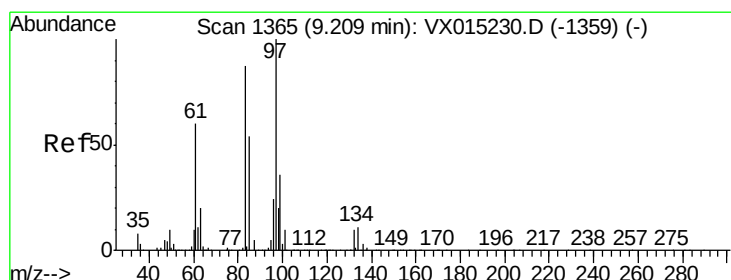
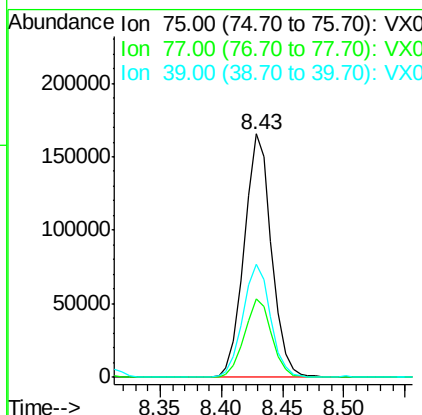
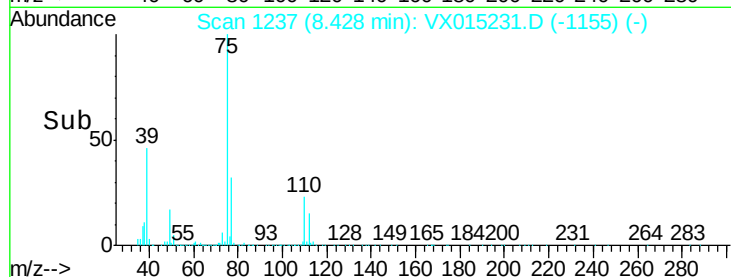
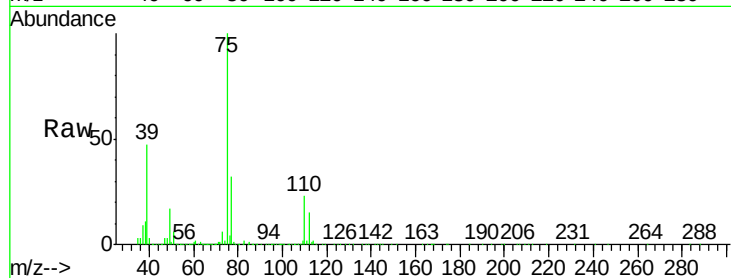
#49
 cis-1,3-Dichloropropene
 Concen: 54.627 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion:	75	Resp:	255691
Ion Ratio	Lower	Upper	
75	100		
77	32.4	25.3	37.9
39	46.6	39.8	59.6

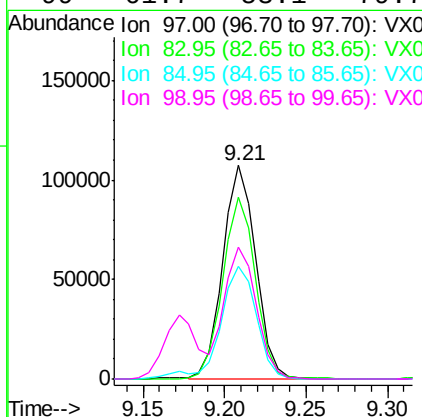
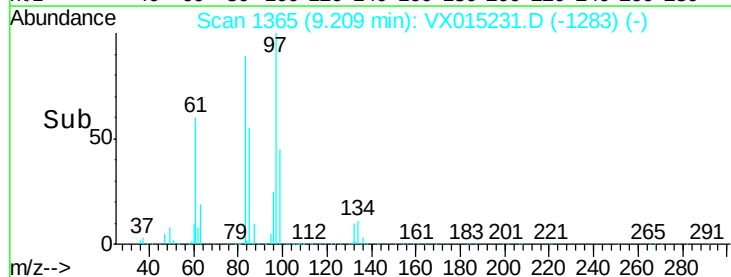
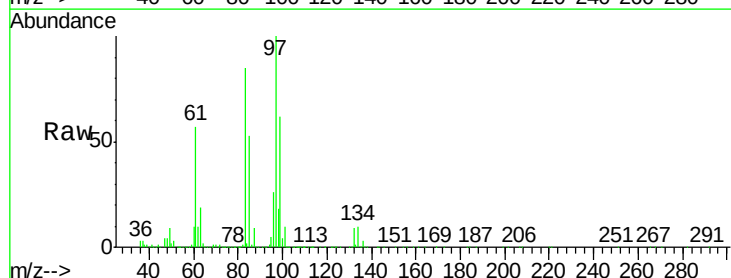
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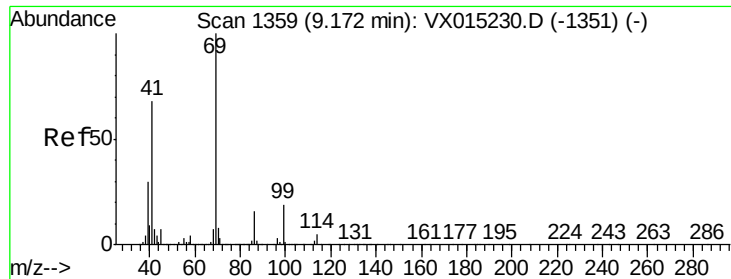
MMDadoda
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#50
 1,1,2-Trichloroethane
 Concen: 52.316 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion:	97	Resp:	151202
Ion Ratio	Lower	Upper	
97	100		
83	85.4	69.7	104.5
85	52.8	45.4	68.0
99	61.7	53.1	79.7





#51

Ethyl methacrylate

Concen: 53.994 ug/l

RT: 9.17 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

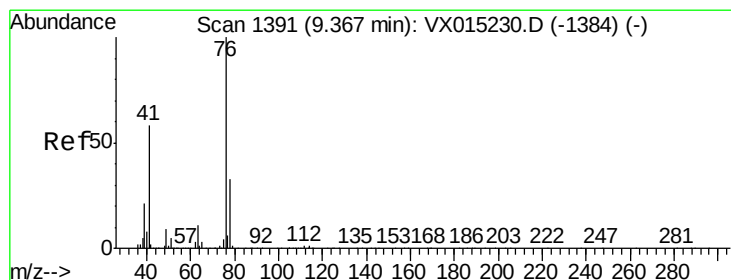
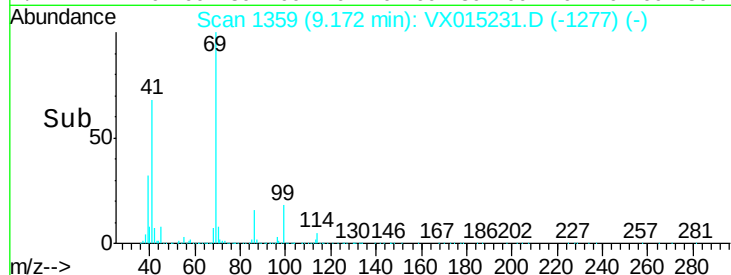
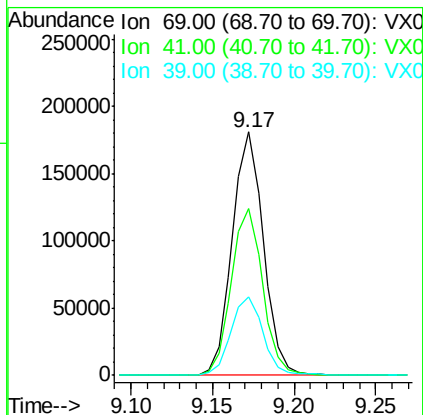
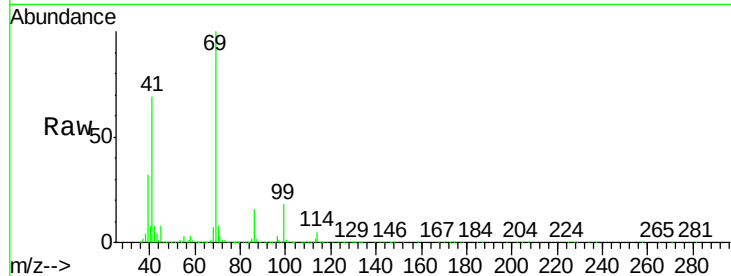
ClientSampleId :

VSTDIC050

Tot Ion:	69	Resp:	240854
Ion Ratio	Lower	Upper	
69	100		
41	68.5	33.8	101.3
39	32.1	15.1	45.3

Manual Integrations
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#52

1,3-Dichloropropane

Concen: 52.779 ug/l

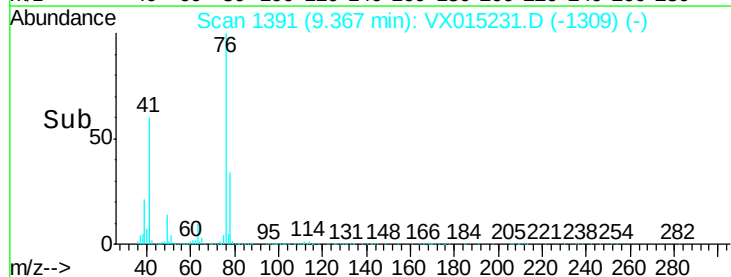
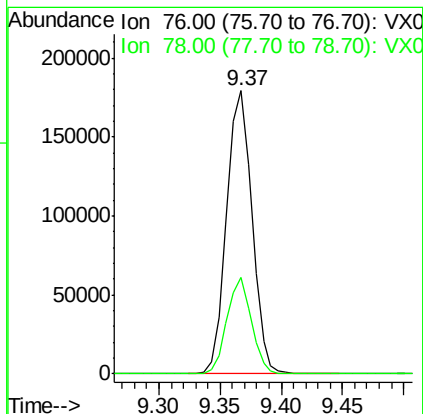
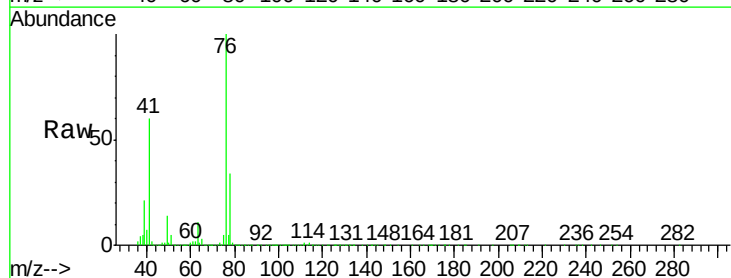
RT: 9.37 min Scan# 1391

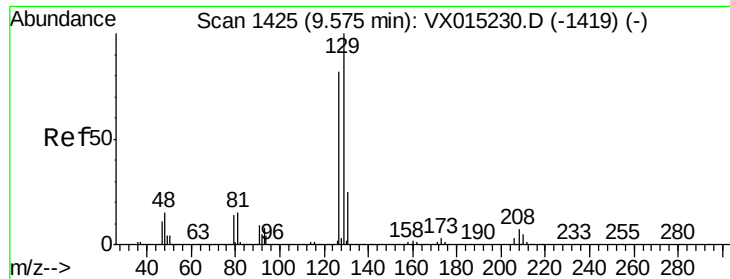
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	76	Resp:	258048
Ion Ratio	Lower	Upper	
76	100		
78	32.5	0.0	65.2





#53

Dibromochloromethane

Concen: 52.330 ug/l

RT: 9.58 min Scan# 1426

Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:129 Resp: 163519

Ion Ratio Lower Upper

129 100

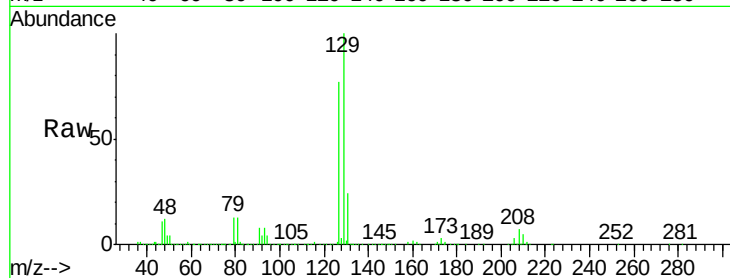
127 77.2 40.4 121.1

Manual Integrations

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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

9.58

120000

100000

80000

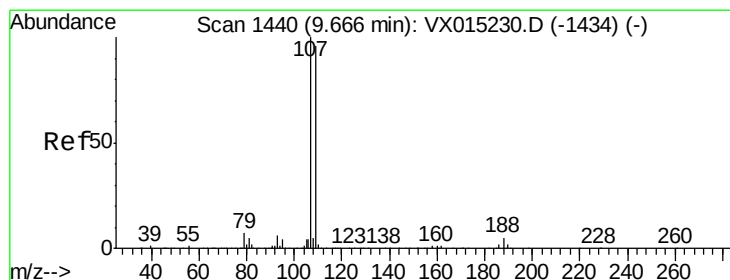
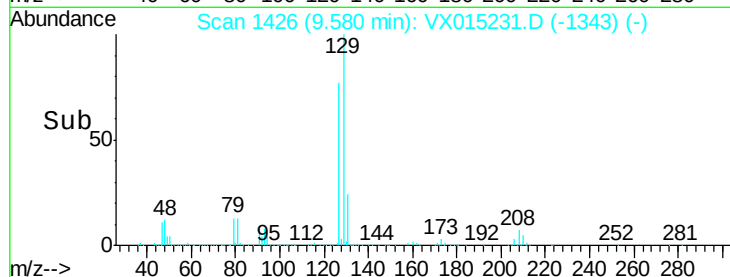
60000

40000

20000

0

Time-->



#54

1,2-Dibromoethane

Concen: 51.757 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015231.D

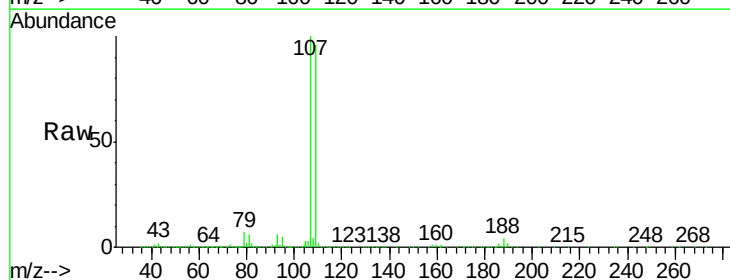
Acq: 12 Mar 2020 12:38

Tgt Ion:107 Resp: 158818

Ion Ratio Lower Upper

107 100

109 94.5 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.67

120000

100000

80000

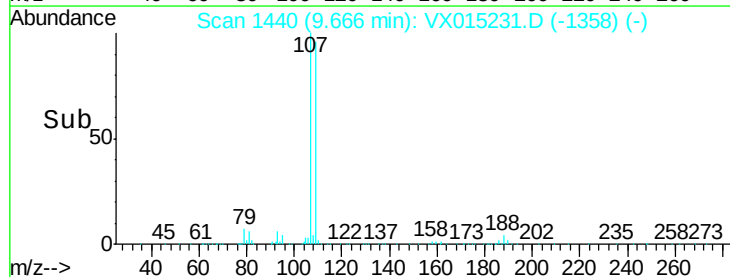
60000

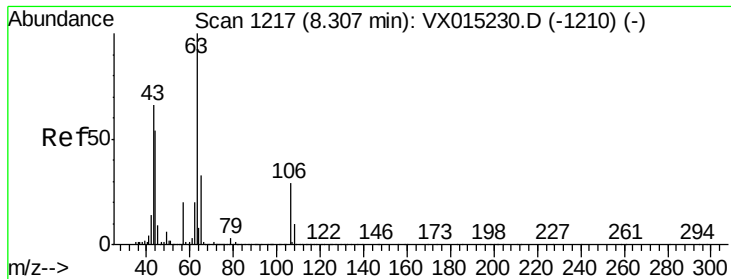
40000

20000

0

Time-->





#55

2-Chloroethyl vinyl ether

Concen: 258.949 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

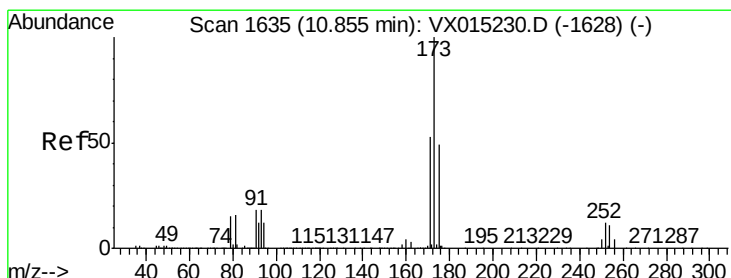
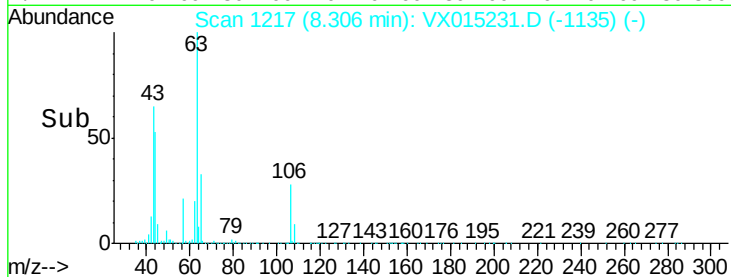
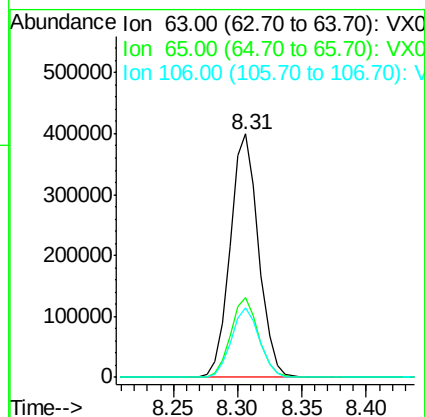
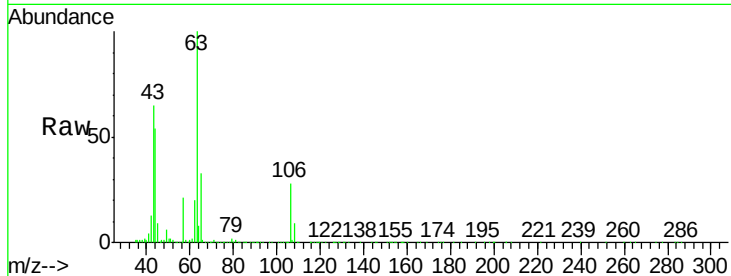
ClientSampleId :

VSTDIC050

Tot Ion:	63	Resp:	615309
Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.6	38.4
106	28.2	23.0	34.4

Manual Integrations
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#56

Bromoform

Concen: 51.355 ug/l

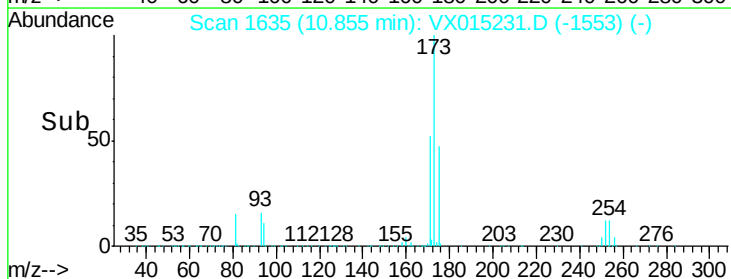
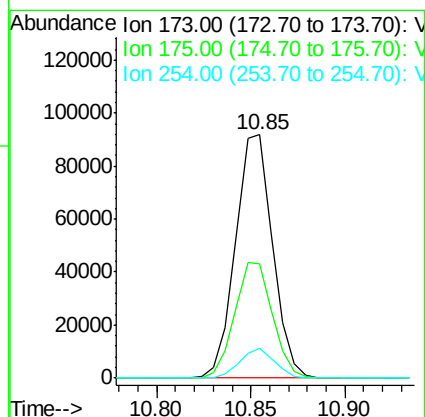
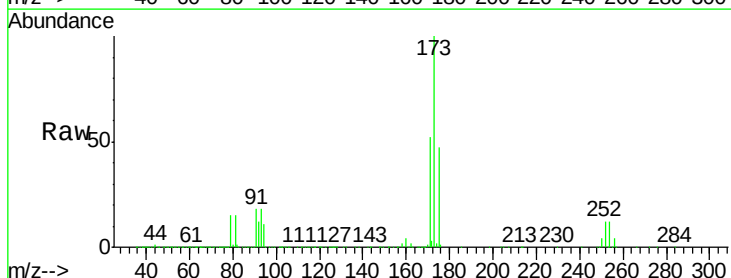
RT: 10.85 min Scan# 1635

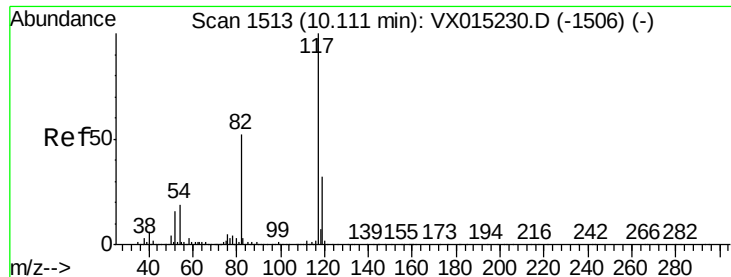
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	173	Resp:	125795
Ion	Ratio	Lower	Upper
173	100		
175	48.4	38.9	58.3
254	11.6	9.1	13.7





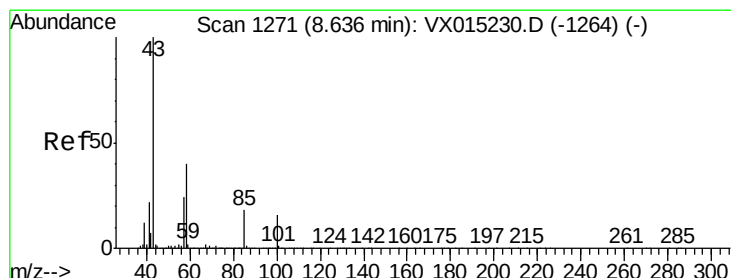
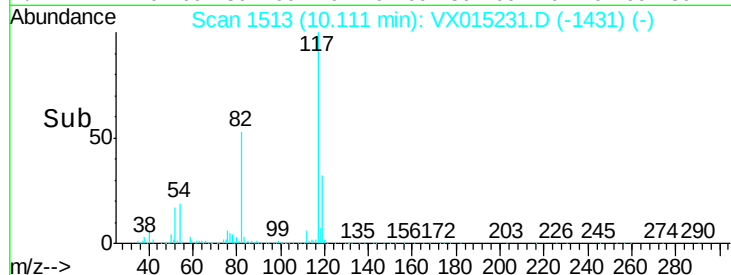
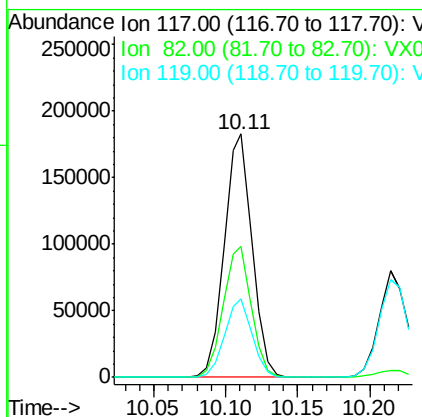
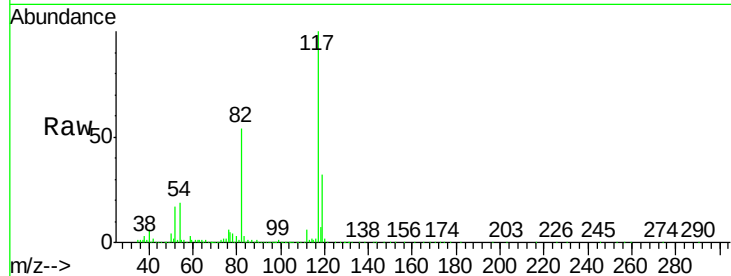
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.3	43.2	64.8
119	31.9	25.8	38.8

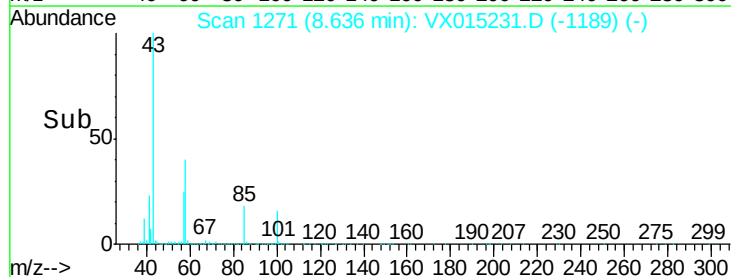
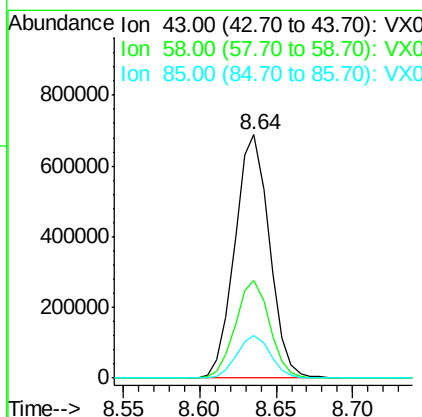
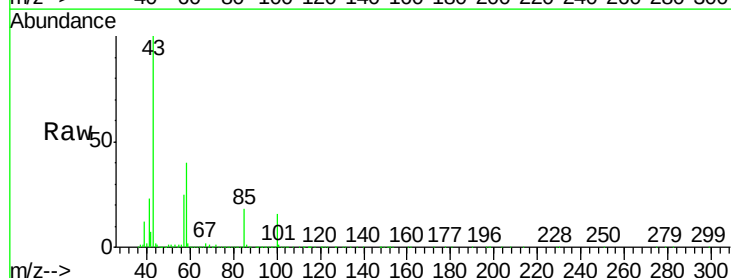
Manual Integrations
APPROVED

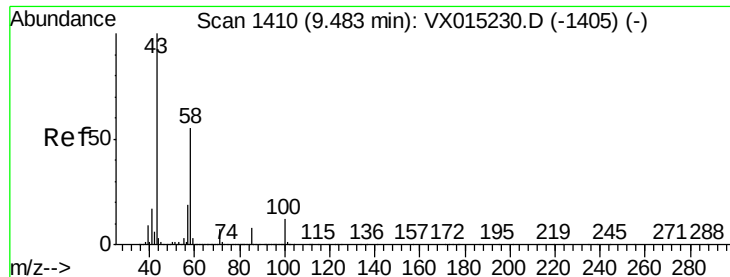
MMDadoda
3/16/2020 11:43:37 AM



#58
4-Methyl-2-Pentanone
Concen: 264.499 ug/l
RT: 8.64 min Scan# 1271
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	17.3	13.8	20.8





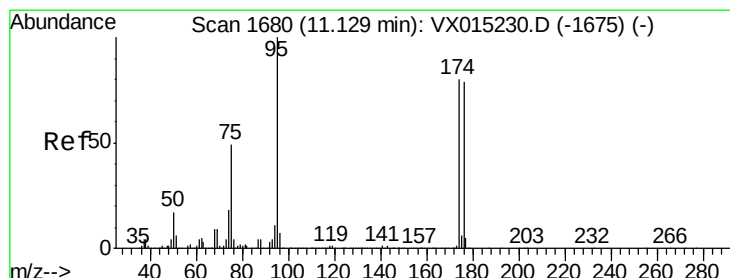
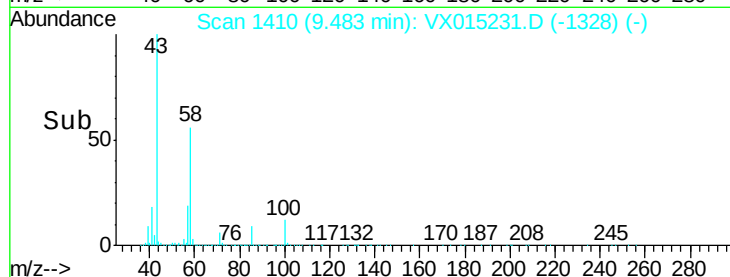
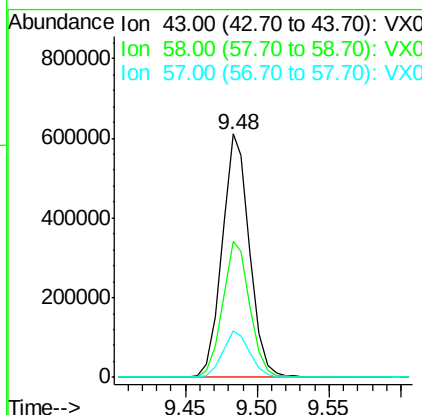
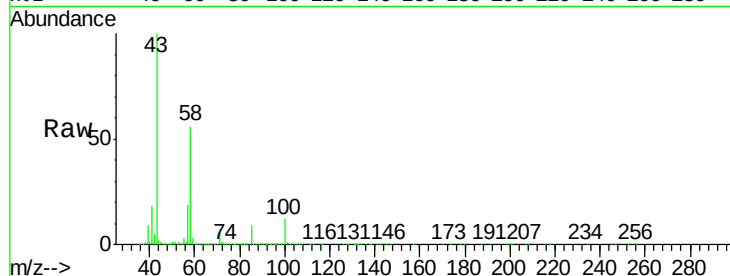
#59
2-Hexanone
Concen: 255.663 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.3	44.6	66.8
57	18.9	14.6	21.8

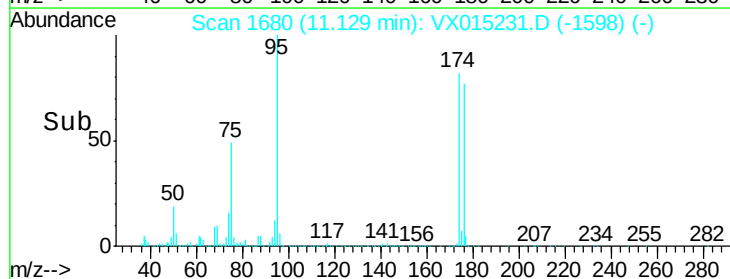
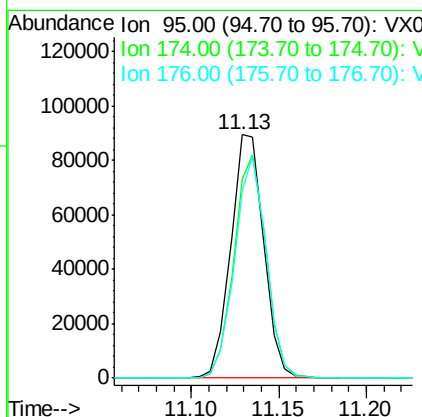
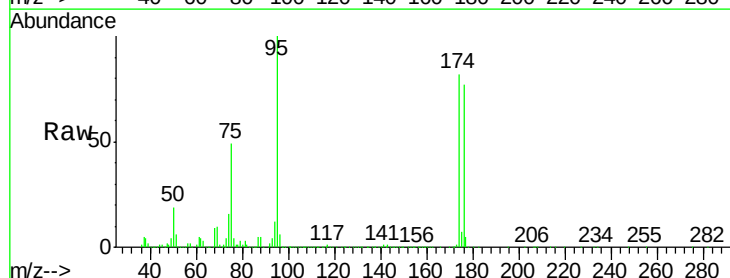
Manual Integrations
APPROVED

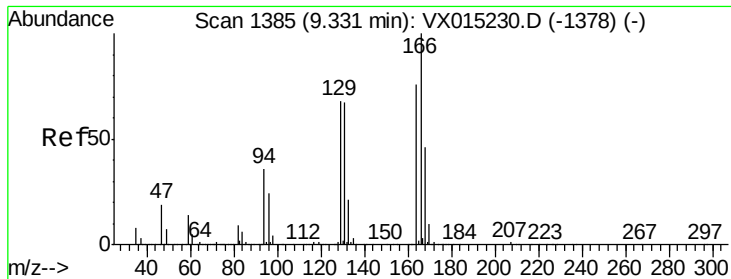
MMDadoda
3/16/2020 11:43:37 AM



#60
4-Bromofluorobenzene
Concen: 30.165 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	89.6	72.0	108.0
176	87.2	70.1	105.1





#61

Tetrachloroethene

Concen: 51.457 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

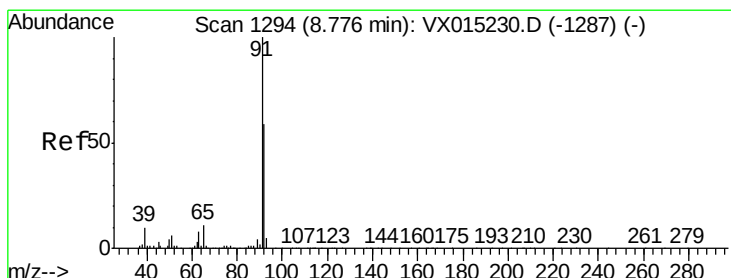
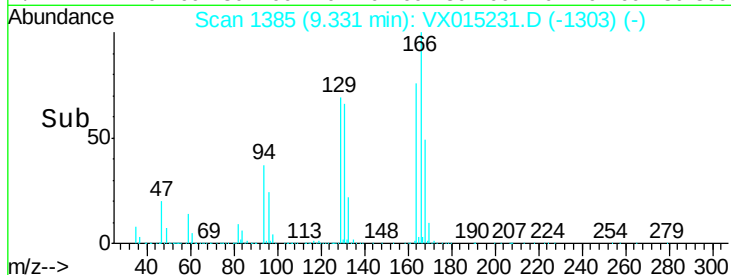
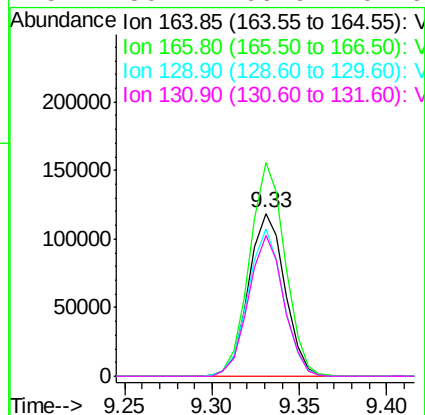
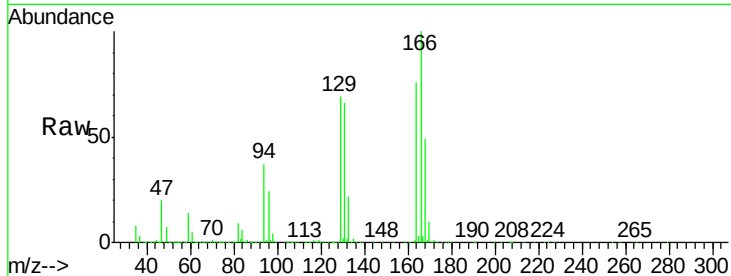
ClientSampleId :

VSTDIC050

Tot Ion:	164	Resp:	171855
Ion Ratio	Lower	Upper	
164	100		
166	130.8	105.1	157.7
129	90.4	71.5	107.3
131	86.7	69.9	104.9

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#62

Toluene

Concen: 51.199 ug/l

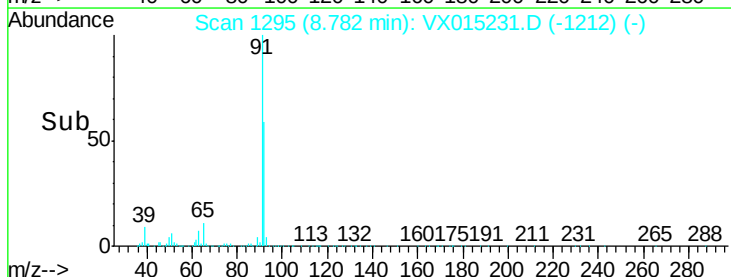
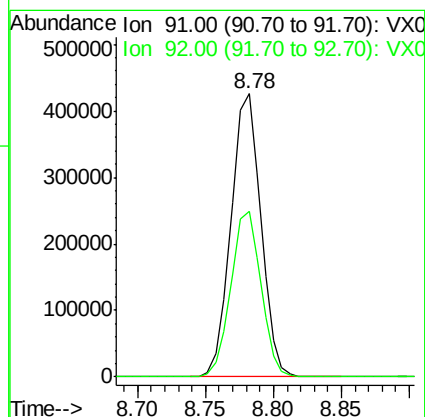
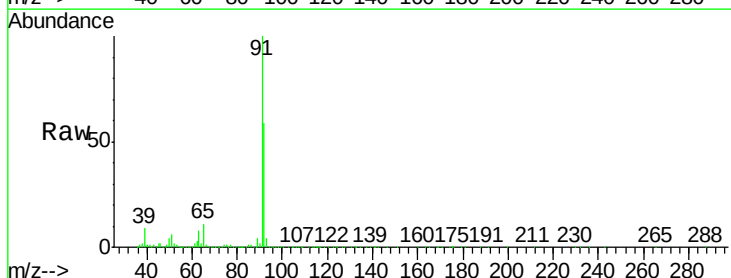
RT: 8.78 min Scan# 1295

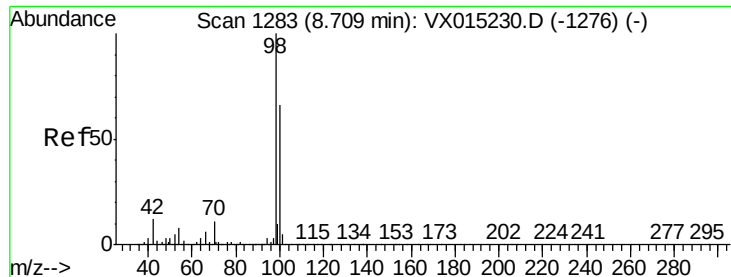
Delta R.T. 0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	91	Resp:	652097
Ion Ratio	Lower	Upper	
91	100		
92	58.9	47.1	70.7





#63

Toluene-d8

Concen: 29.603 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 98 Resp: 321001

Ion Ratio Lower Upper

98 100

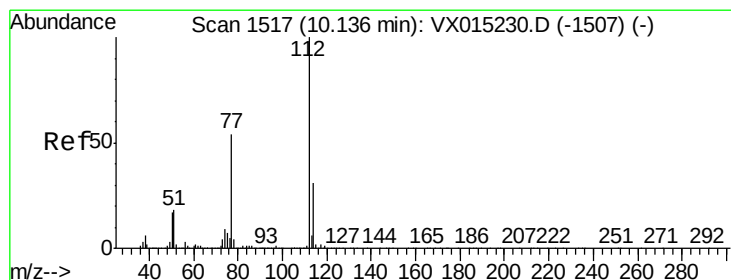
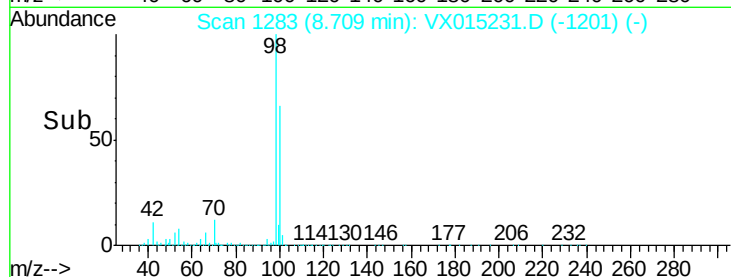
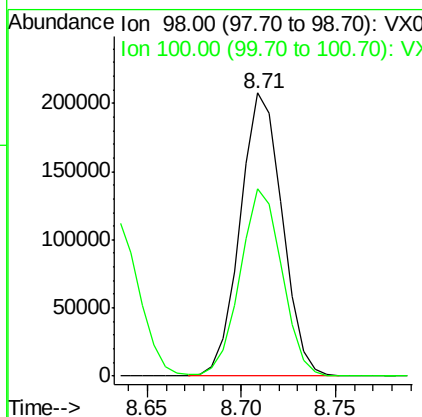
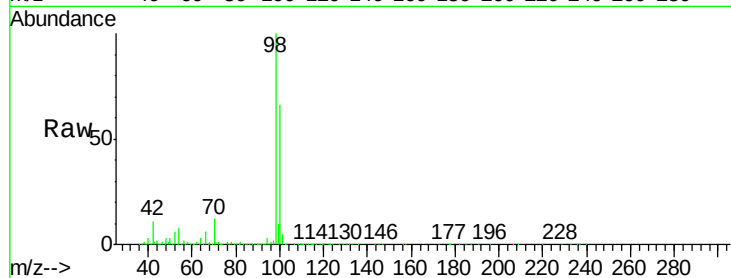
100 65.5 53.0 79.4

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#64

Chlorobenzene

Concen: 50.494 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. -0.00 min

Lab File: VX015231.D

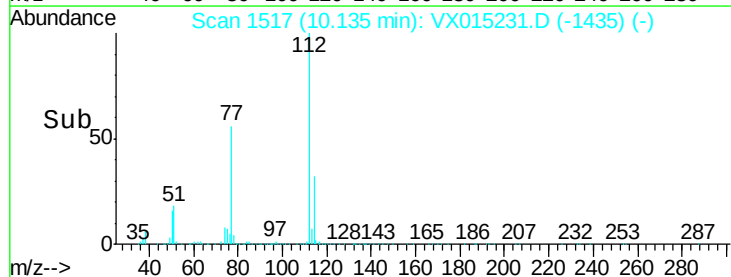
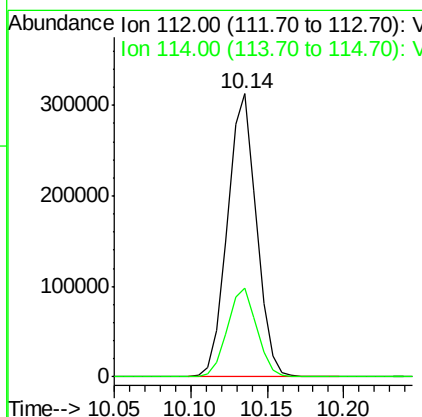
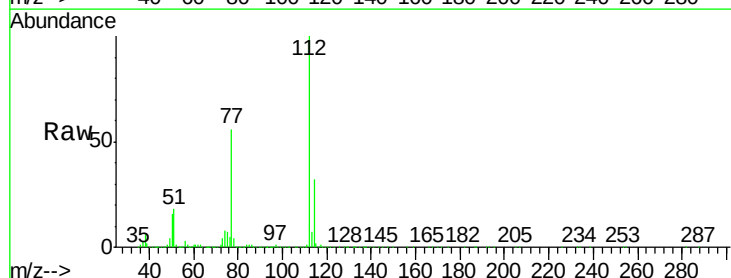
Acq: 12 Mar 2020 12:38

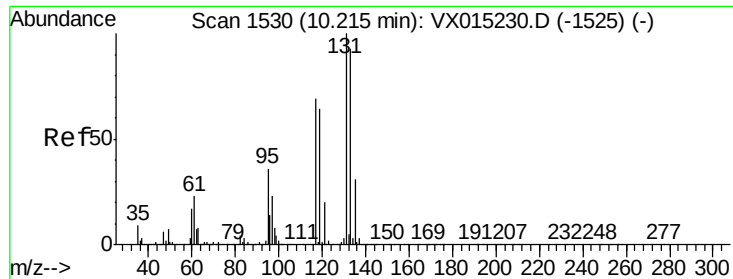
Tgt Ion: 112 Resp: 410494

Ion Ratio Lower Upper

112 100

114 31.5 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 49.756 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

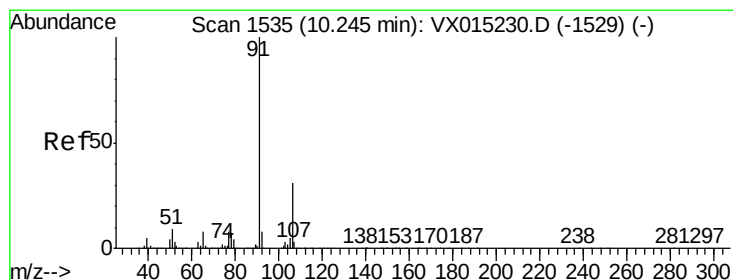
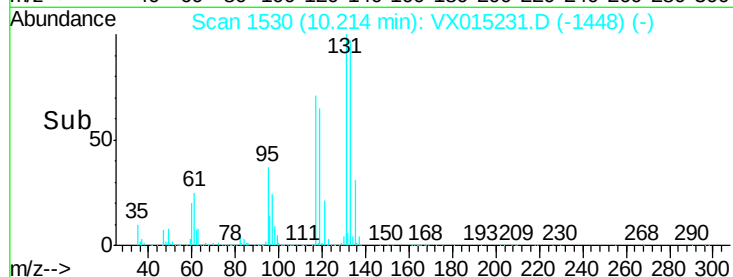
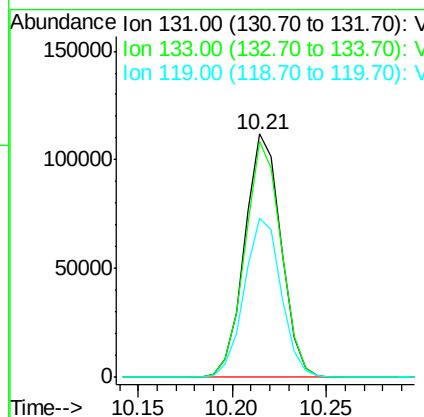
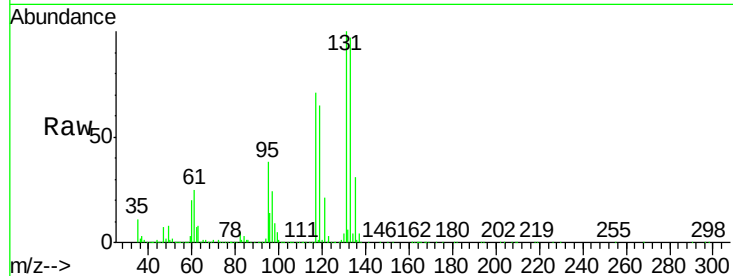
ClientSampleId :

VSTDIC050

Tot Ion:	131	Resp:	149830
Ion Ratio	Lower	Upper	
131	100		
133	96.8	0.0	188.0
119	66.0	0.0	131.0

Manual Integrations
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#66

Ethyl Benzene

Concen: 51.802 ug/l

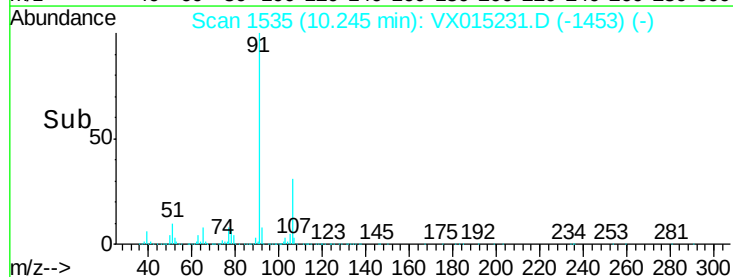
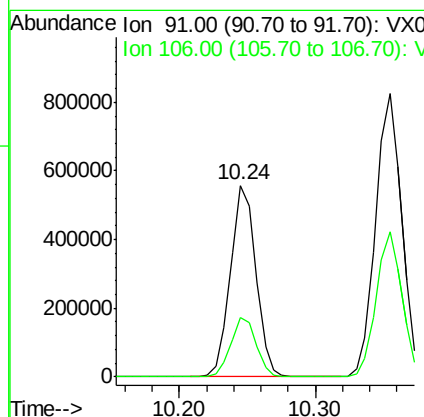
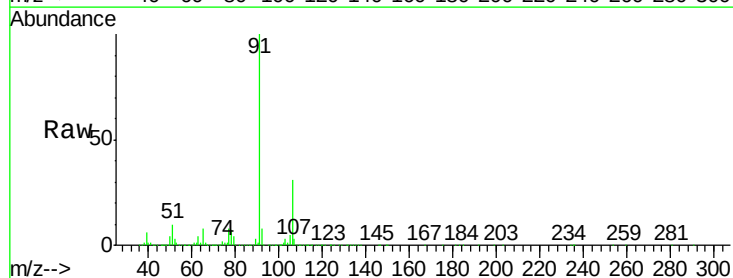
RT: 10.24 min Scan# 1535

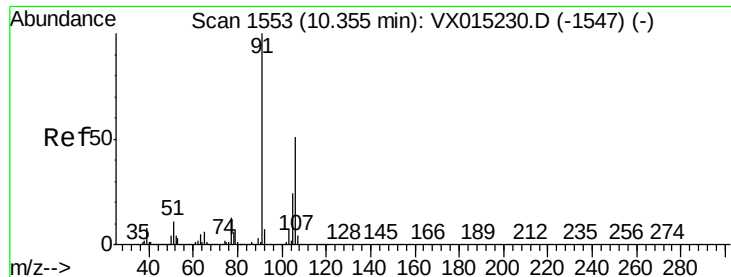
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	91	Resp:	726802
Ion Ratio	Lower	Upper	
91	100		
106	31.1	24.9	37.3





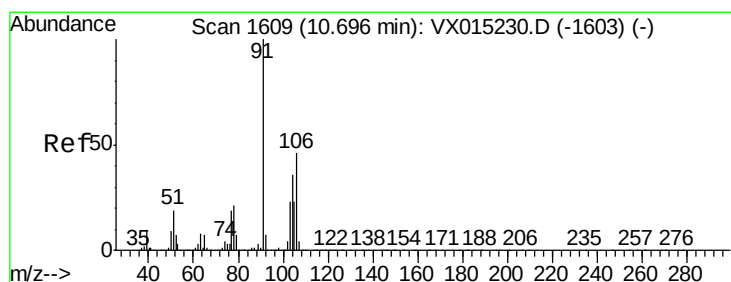
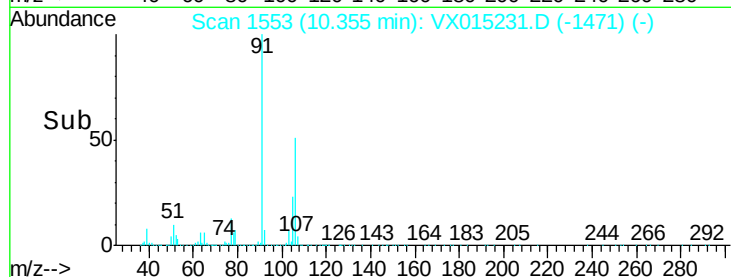
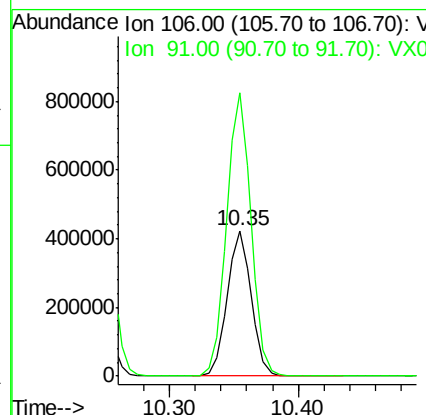
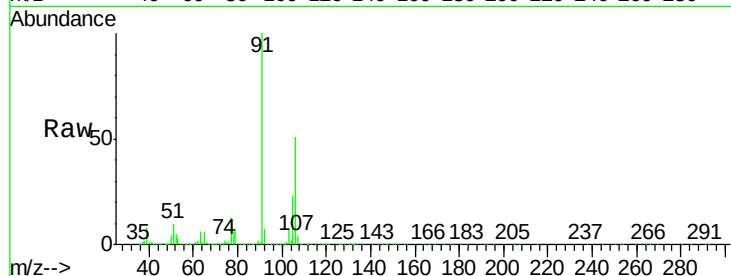
#67
m/p-Xylenes
Concen: 102.821 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	197.5	160.1	240.1

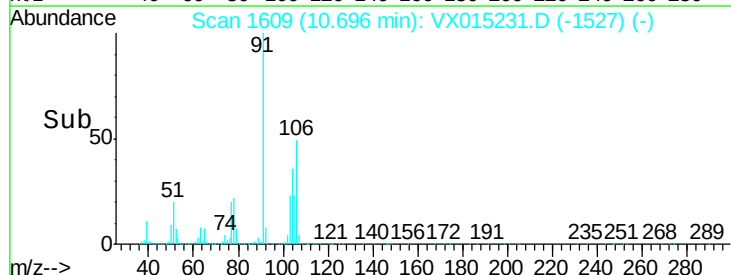
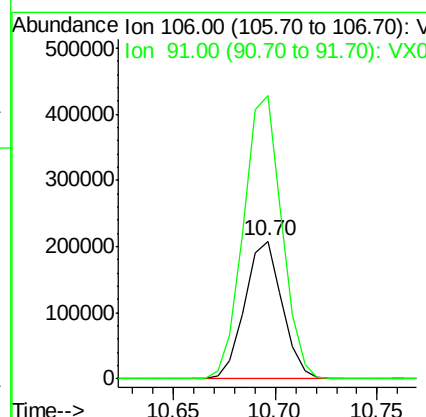
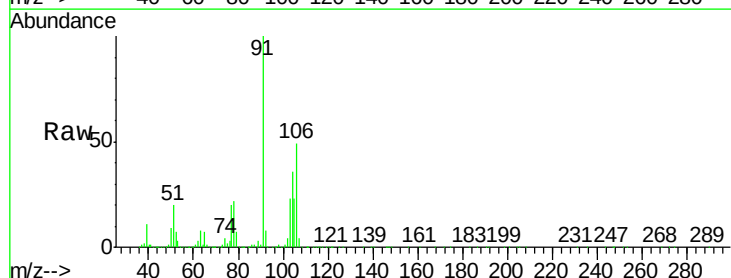
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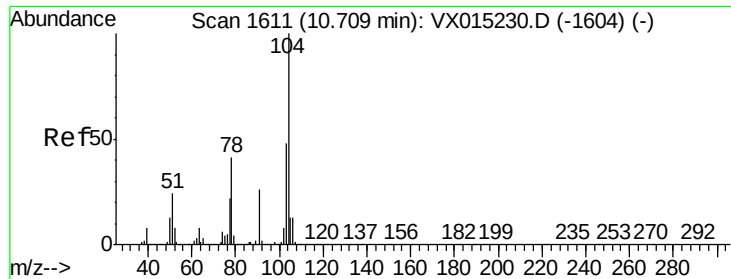
MMDadoda
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#68
o-Xylene
Concen: 50.543 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
106	100		
91	210.5	106.4	319.2





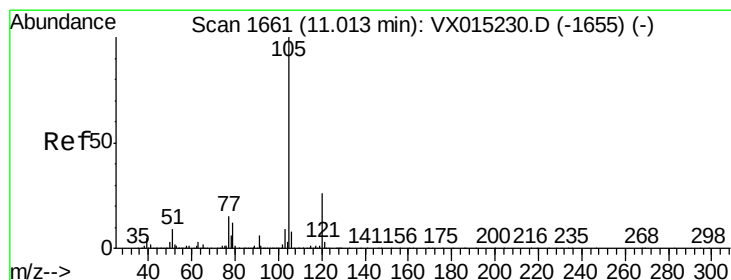
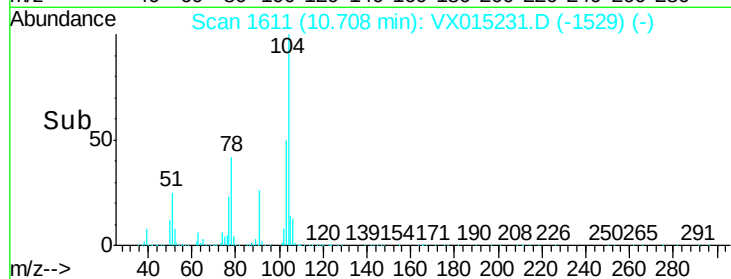
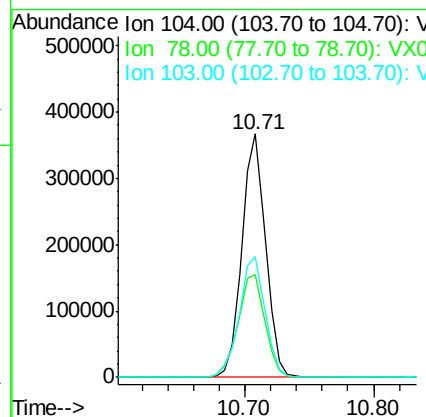
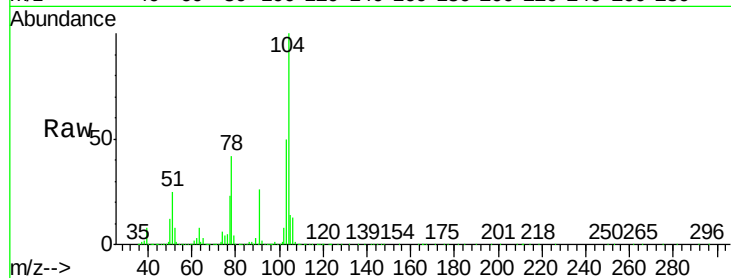
#69
Stvrene
Concen: 52.417 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.0	38.9	58.3
103	54.2	43.2	64.8

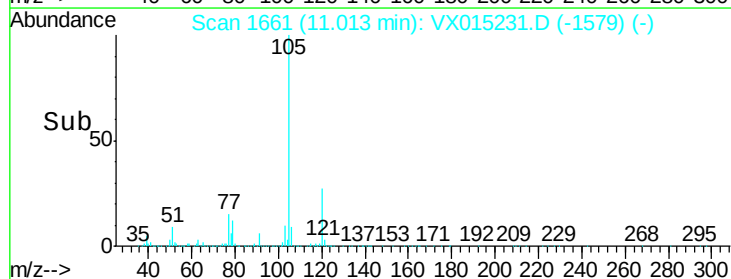
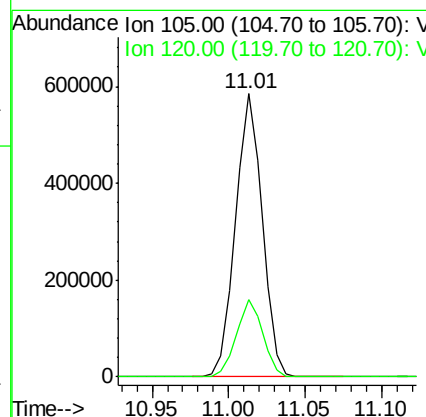
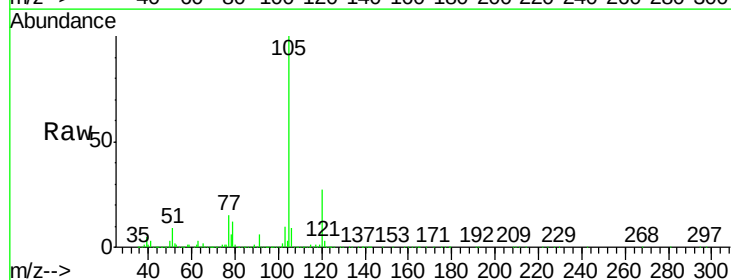
Manual Integrations
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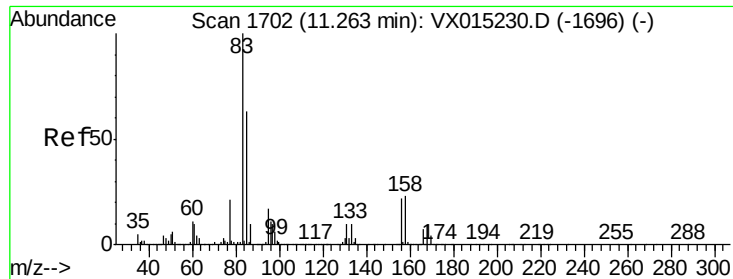
MMDadoda
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#70
Isopropylbenzene
Concen: 50.863 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.9	18.6	34.6





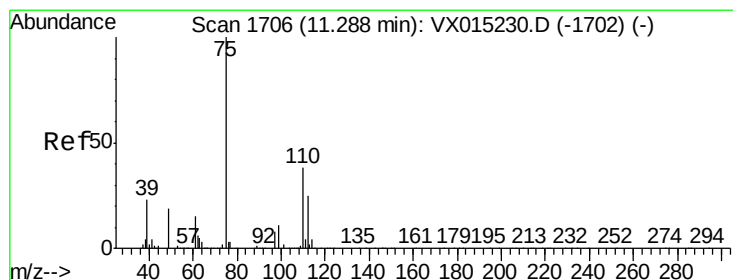
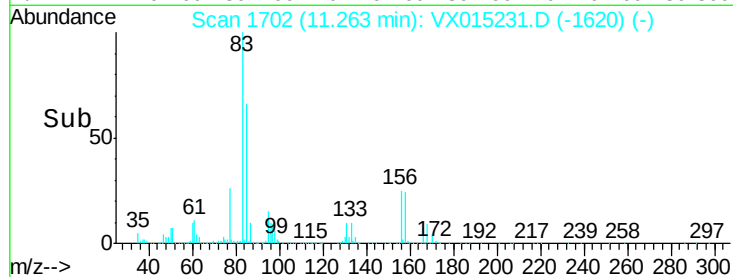
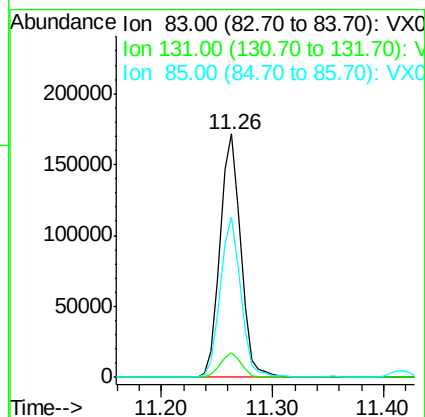
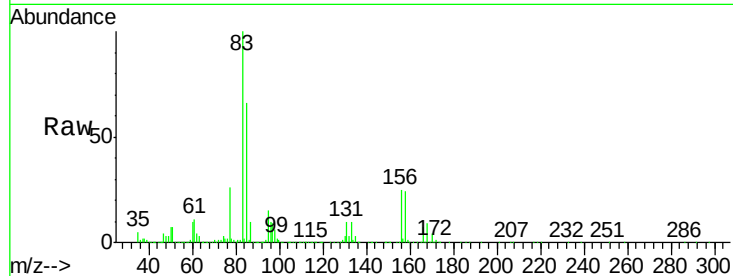
#71
 1,1,2,2-Tetrachloroethane
 Concen: 49.408 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.0	14.9
85	65.1	31.8	95.4

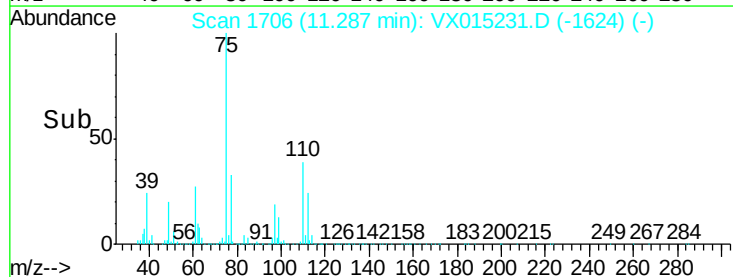
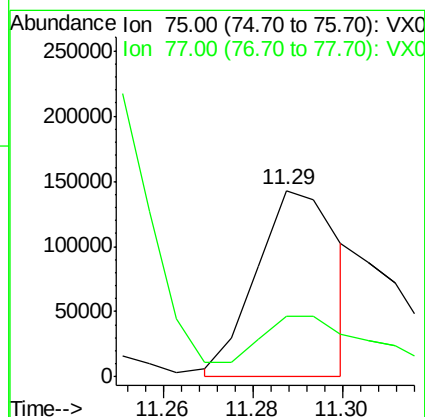
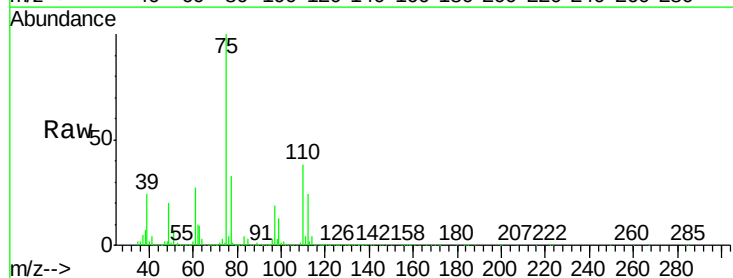
Manual Integrations
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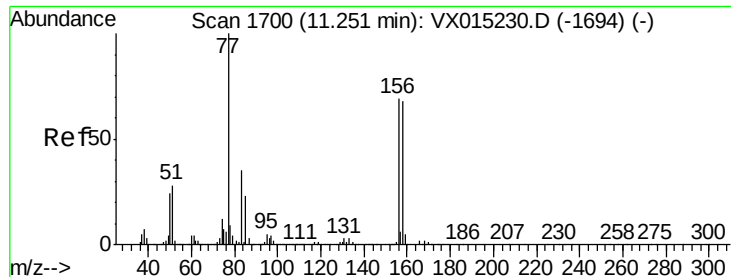
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 3/16/2020 11:43:37 AM



#72
 1,2,3-Trichloropropane
 Concen: 48.925 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
75	100		
77	45.1	0.0	83.0





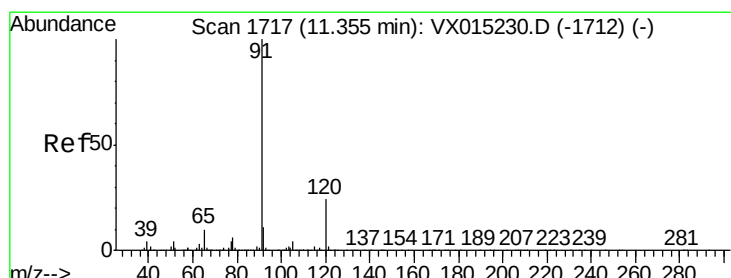
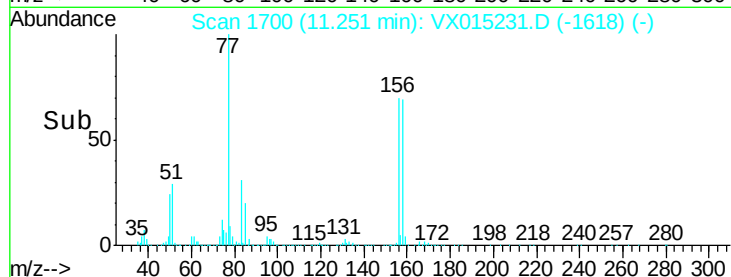
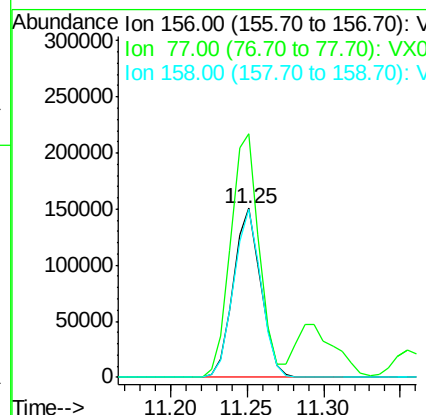
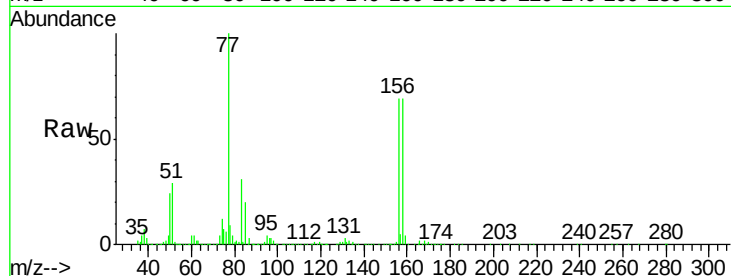
#73
Bromobenzene
Concen: 49.959 ug/l
RT: 11.25 min Scan# 1700
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
156	100	187706		
77	150.7		0.0	305.0
158	98.3		0.0	197.2

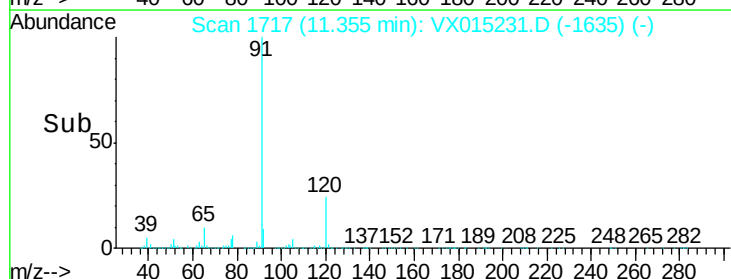
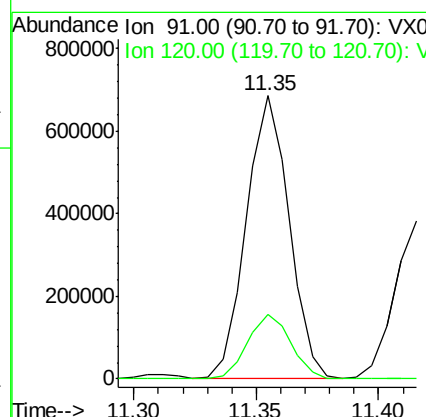
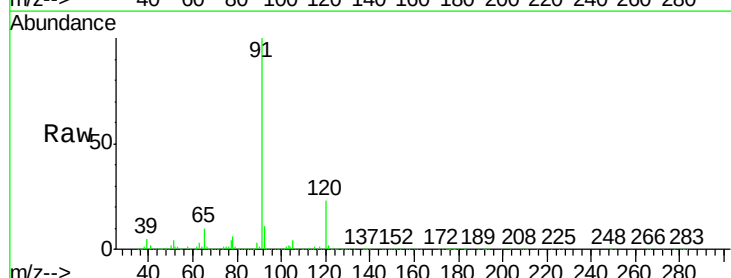
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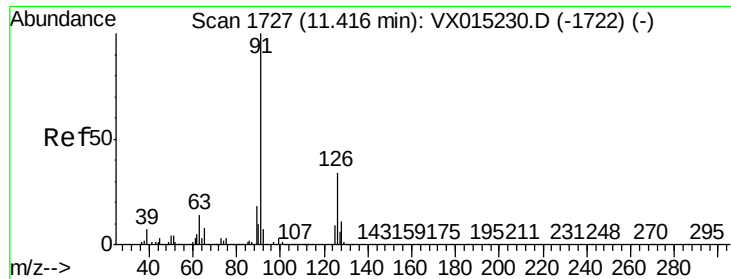
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3/16/2020 11:43:37 AM



#74
n-propylbenzene
Concen: 52.747 ug/l
RT: 11.35 min Scan# 1717
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	834763		
120	23.0		0.0	47.0





#75

2-Chlorotoluene

Concen: 51.213 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion: 91 Resp: 478963

Ion Ratio Lower Upper

91 100

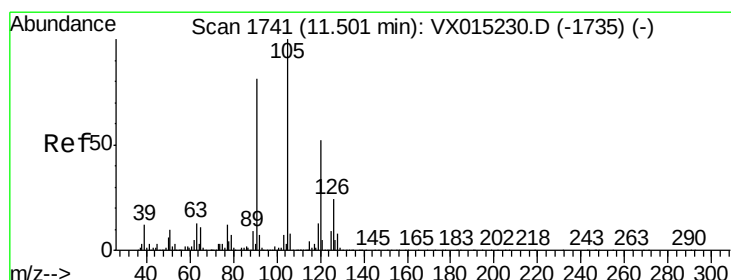
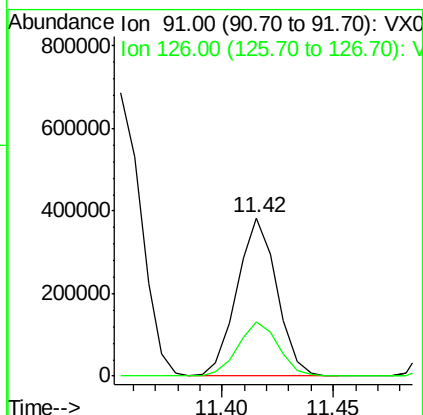
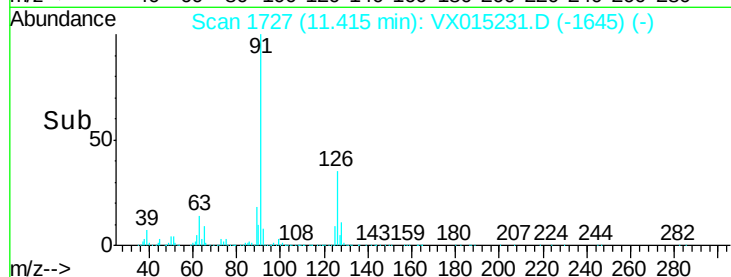
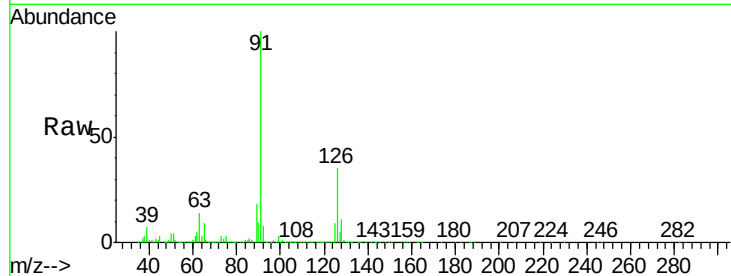
126 34.8 0.0 69.8

Manual Integrations

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#76

1,3,5-Trimethylbenzene

Concen: 50.777 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015231.D

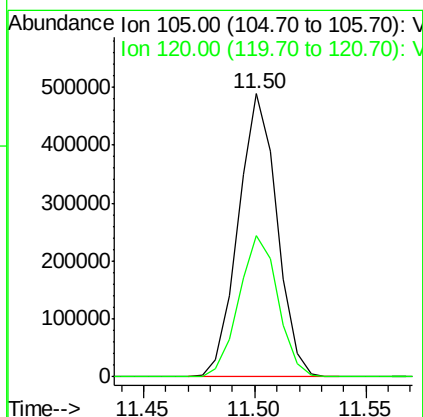
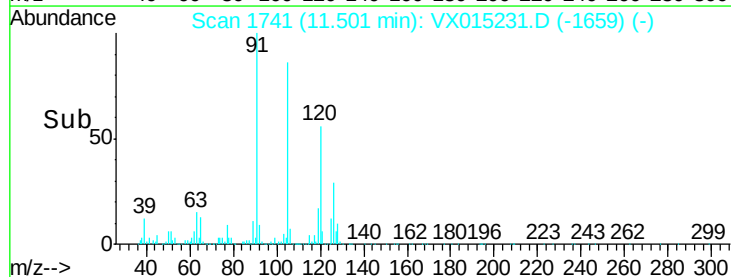
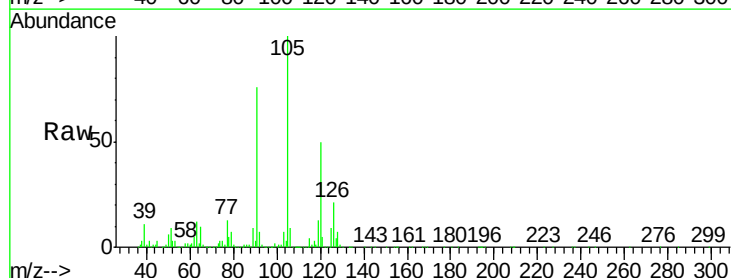
Acq: 12 Mar 2020 12:38

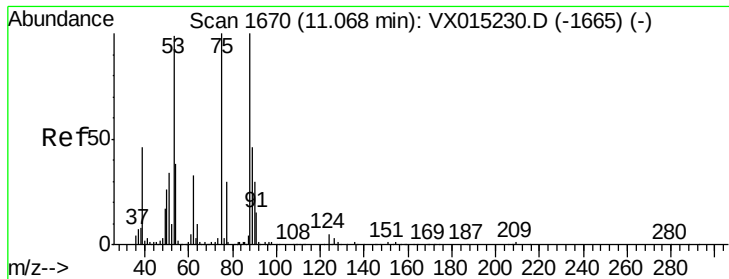
Tgt Ion: 105 Resp: 591723

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 52.770 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

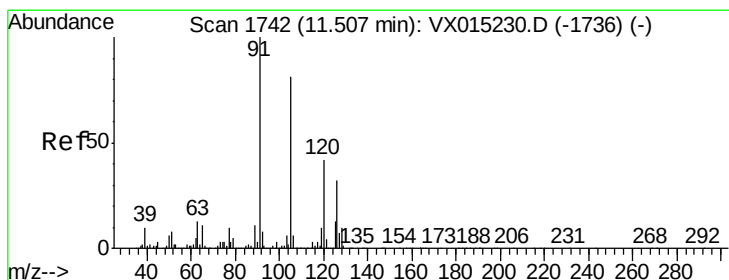
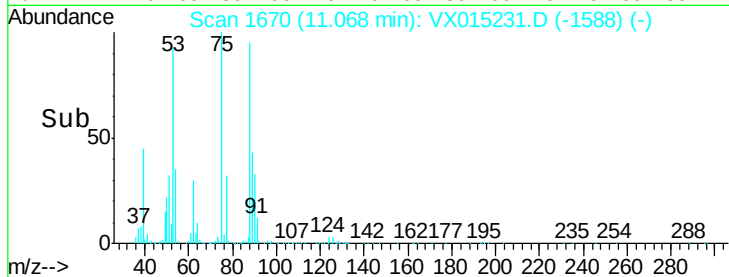
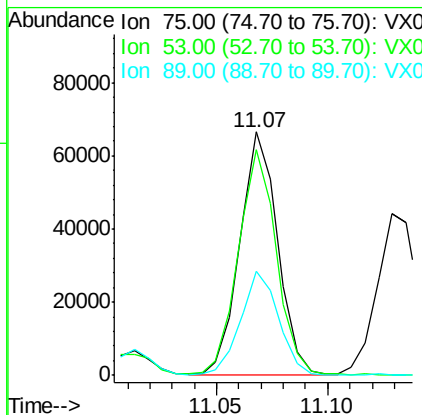
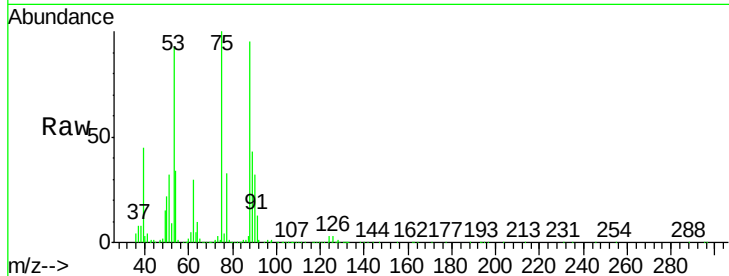
ClientSampleId :

VSTDIC050

Tot Ion:	75	Resp:	79022
Ion Ratio	Lower	Upper	
75	100		
53	92.9	49.5	148.3
89	42.7	22.9	68.8

Manual Integrations
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#78

4-Chlorotoluene

Concen: 51.064 ug/l

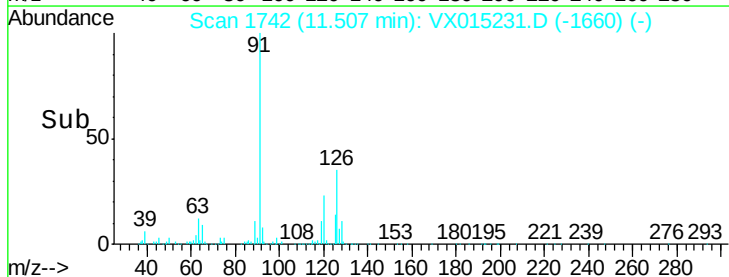
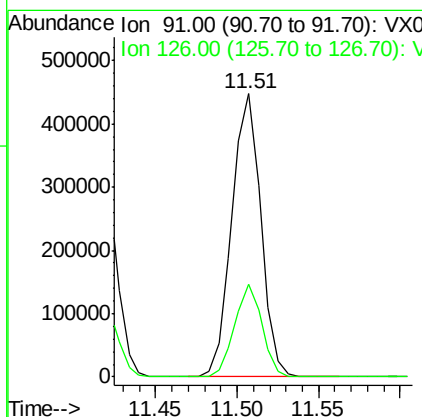
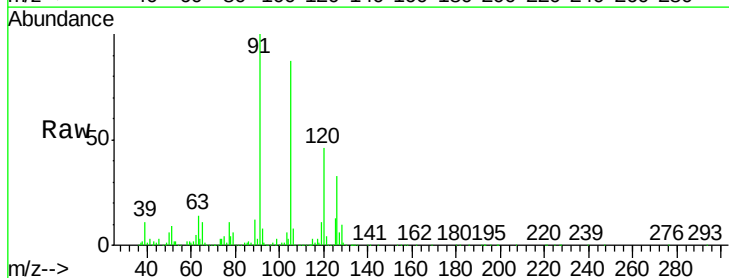
RT: 11.51 min Scan# 1742

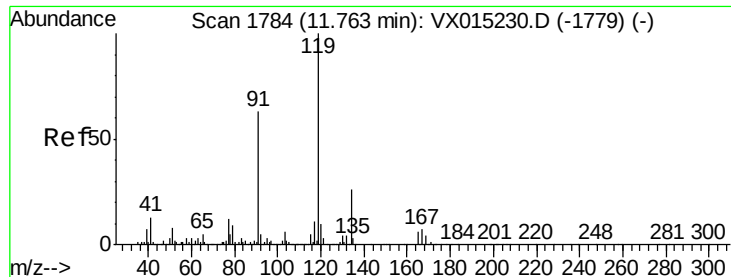
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	91	Resp:	552409
Ion Ratio	Lower	Upper	
91	100		
126	31.1	0.0	61.4





#79

tert-butylbenzene

Concen: 50.320 ug/l

RT: 11.76 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

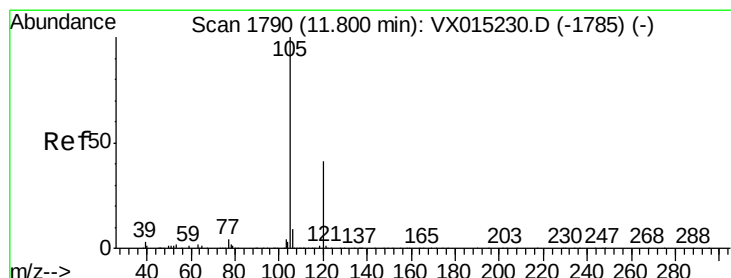
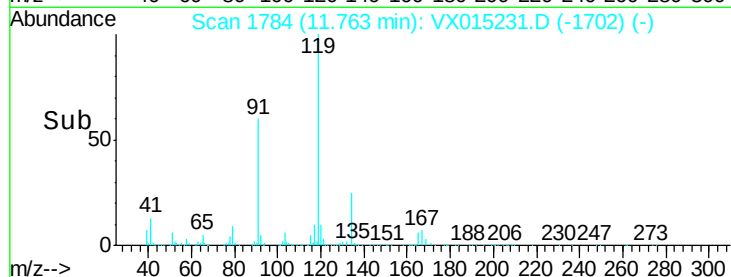
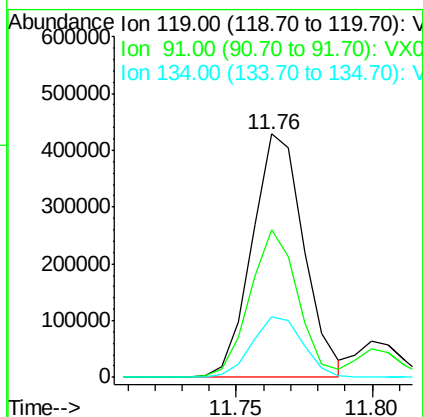
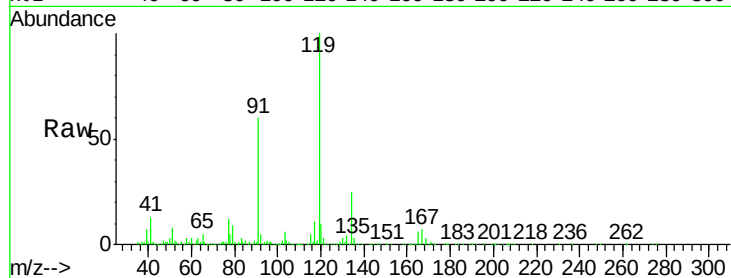
ClientSampleId :

VSTDIC050

Tot Ion:	119	Resp:	566533
Ion Ratio	Lower	Upper	
119	100		
91	56.2	0.0	115.4
134	24.5	0.0	49.4

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#80

1,2,4-Trimethylbenzene

Concen: 51.307 ug/l

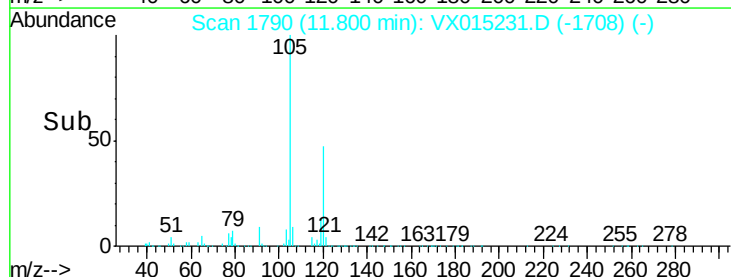
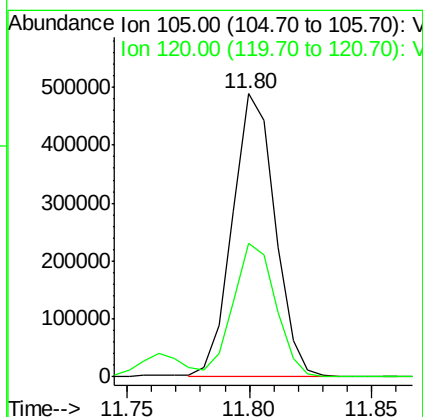
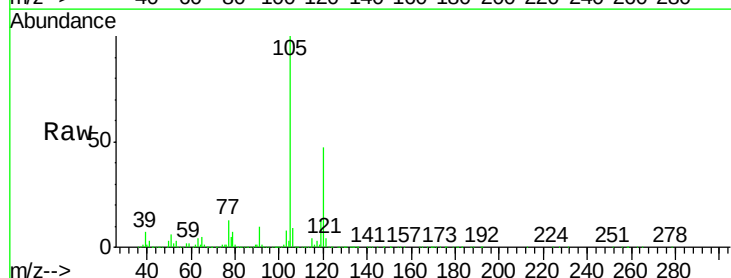
RT: 11.80 min Scan# 1790

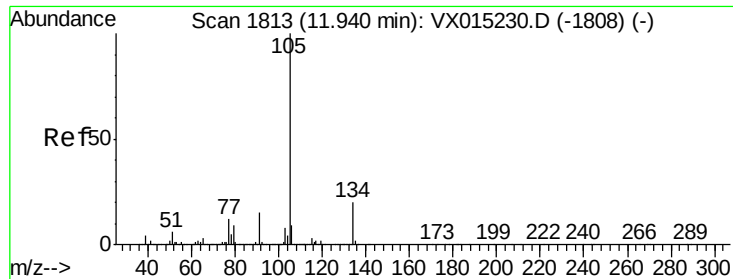
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion:	105	Resp:	594414
Ion Ratio	Lower	Upper	
105	100		
120	46.8	0.0	93.2





#81

sec-Butylbenzene

Concen: 52.340 ug/l

RT: 11.94 min Scan# 1813

Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC050

Tot Ion:105 Resp: 705690

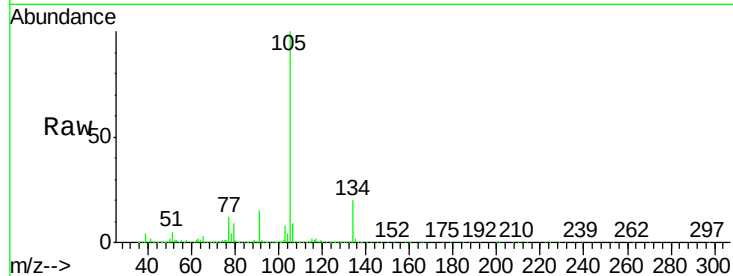
Ion Ratio Lower Upper

105 100

134 20.3 0.0 40.8

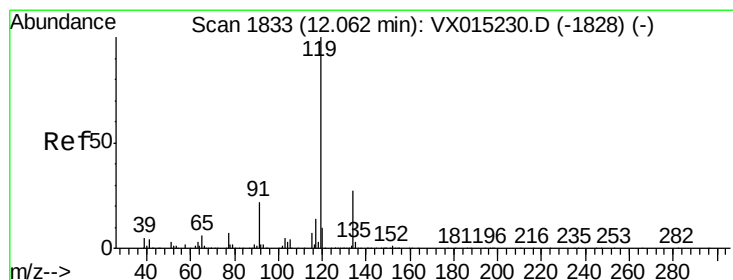
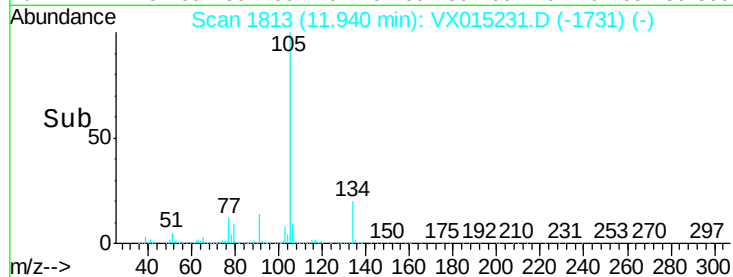
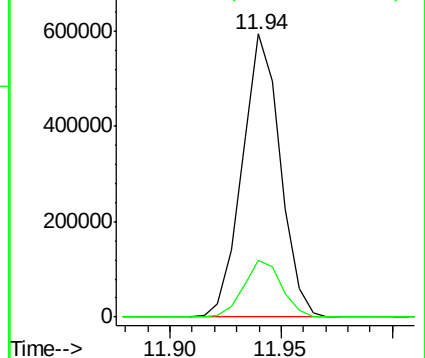
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#82

p-Isopropyltoluene

Concen: 52.019 ug/l

RT: 12.06 min Scan# 1832

Delta R.T. -0.01 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

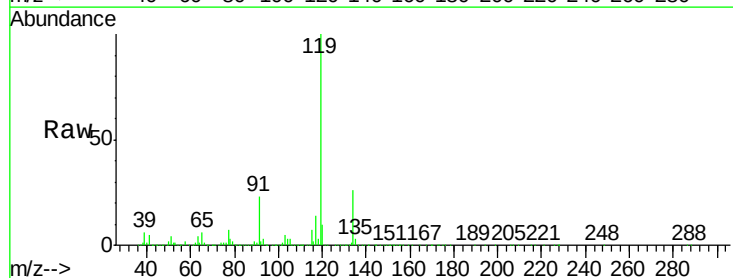
Tgt Ion:119 Resp: 651589

Ion Ratio Lower Upper

119 100

134 27.0 0.0 53.6

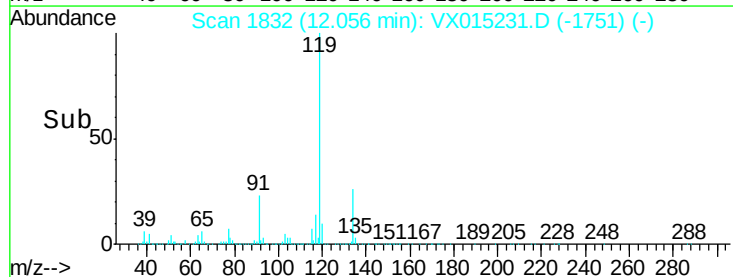
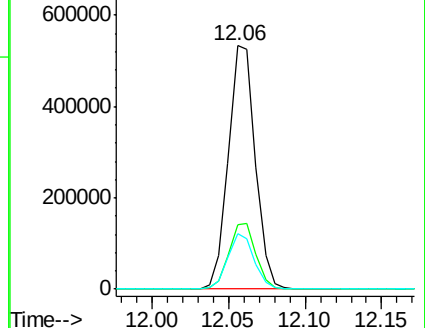
91 22.0 0.0 43.6

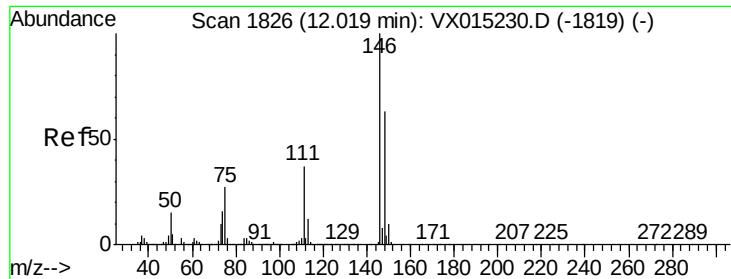


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#83

1,3-Dichlorobenzene

Concen: 50.819 ug/l

RT: 12.02 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VX015231.D

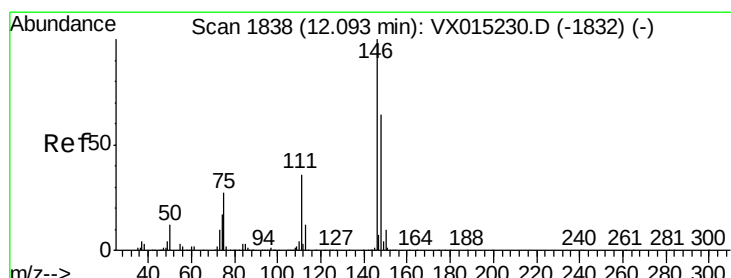
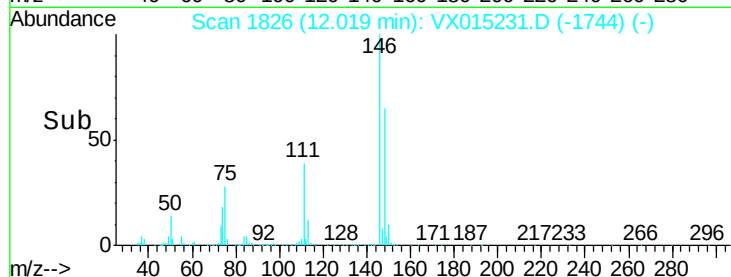
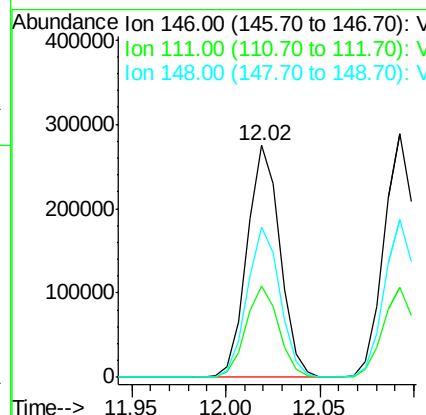
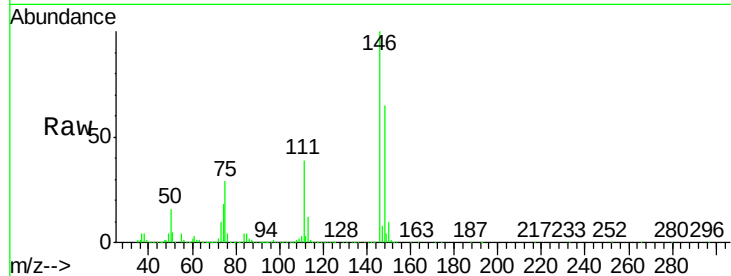
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.9	18.8	56.4
148	64.4	31.9	95.7

Manual Integrations
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#84

1,4-Dichlorobenzene

Concen: 51.084 ug/l

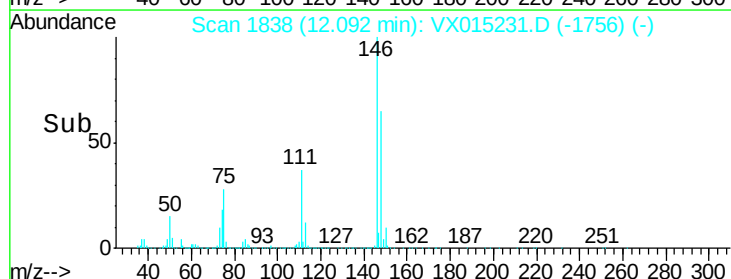
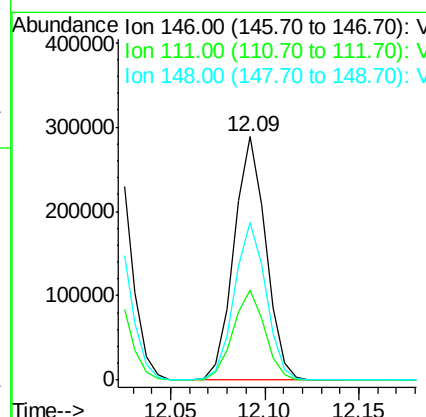
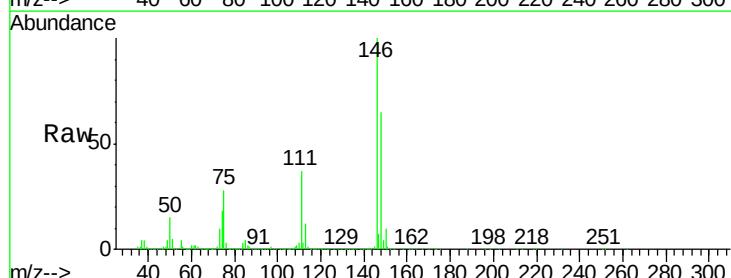
RT: 12.09 min Scan# 1838

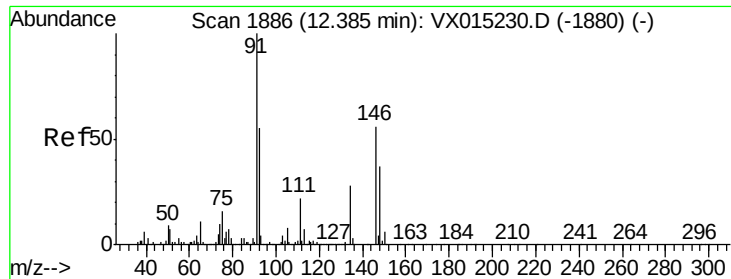
Delta R.T. -0.00 min

Lab File: VX015231.D

Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.4	55.0
148	64.2	31.9	95.9





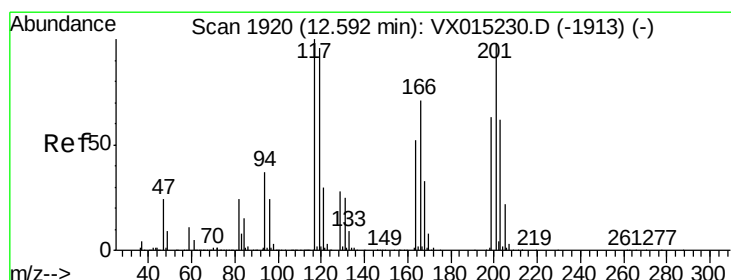
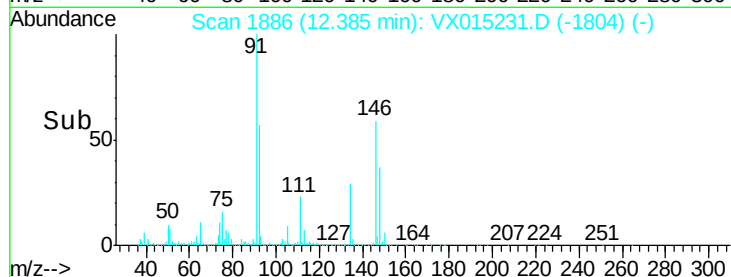
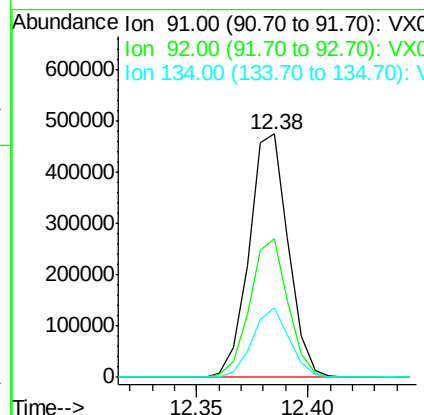
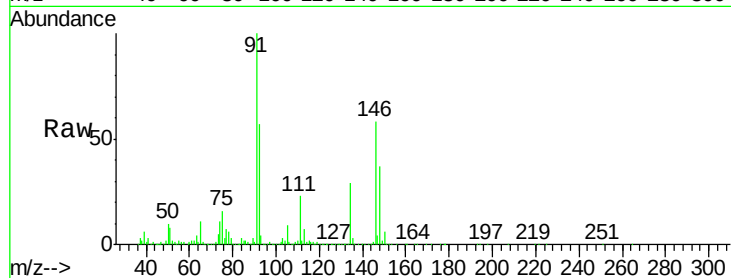
#85
n-Butylbenzene
Concen: 53.269 ug/l
RT: 12.38 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100	580639		
92	55.7	0.0	109.4	
134	27.1	0.0	53.0	

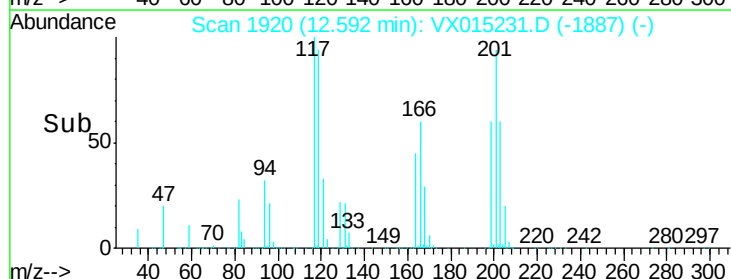
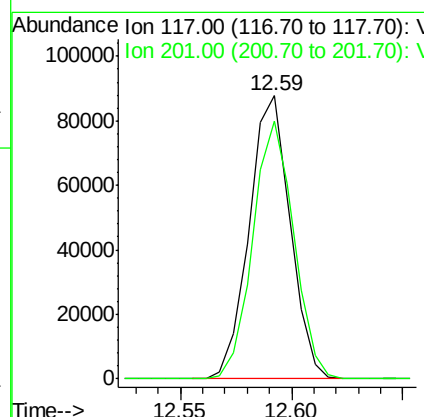
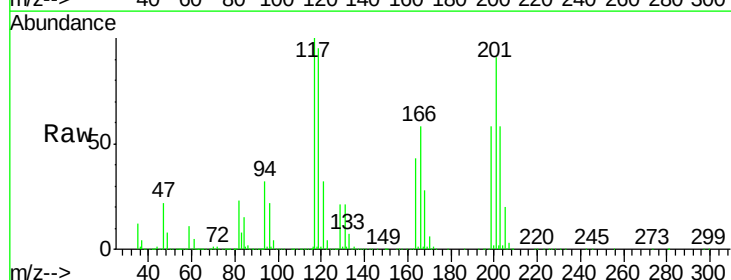
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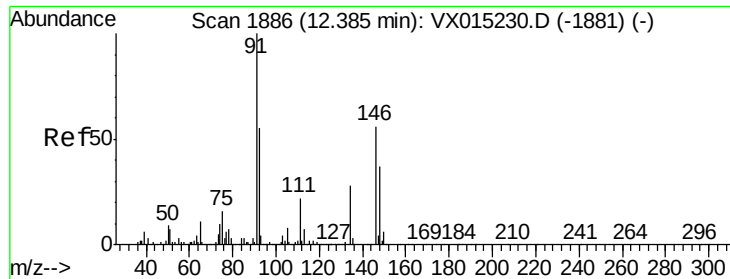
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#86
Hexachloroethane
Concen: 49.766 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	112675		
201	90.9	47.8	143.3	





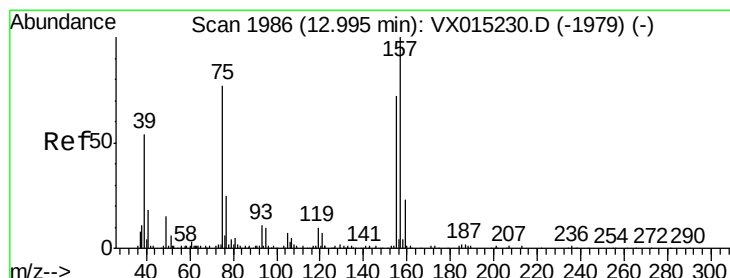
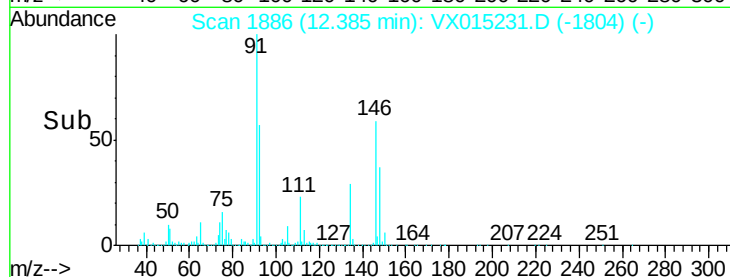
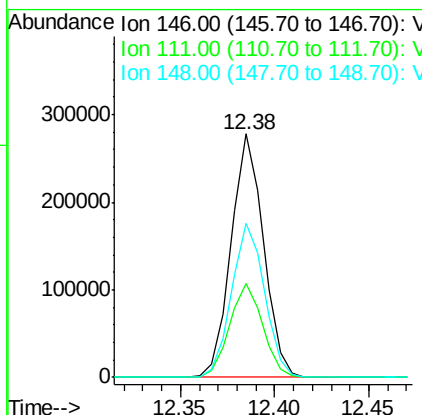
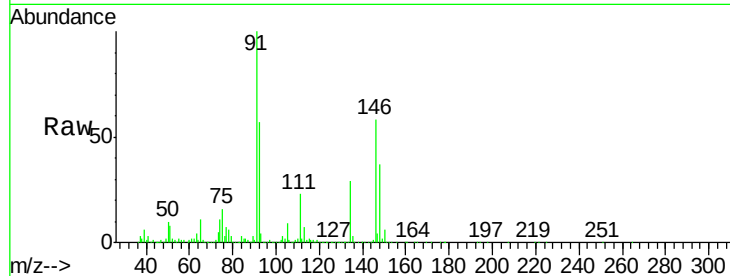
#87
 1,2-Dichlorobenzene
 Concen: 50.660 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	332028		
111	39.0		19.4	58.4
148	64.4		32.4	97.0

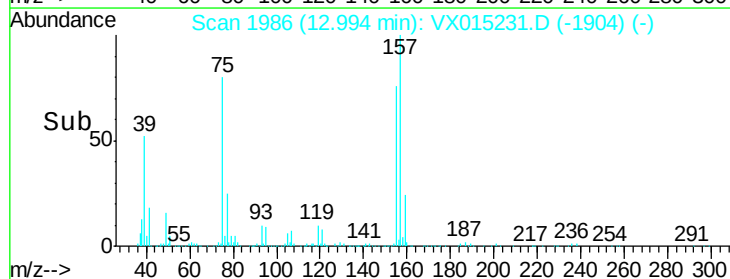
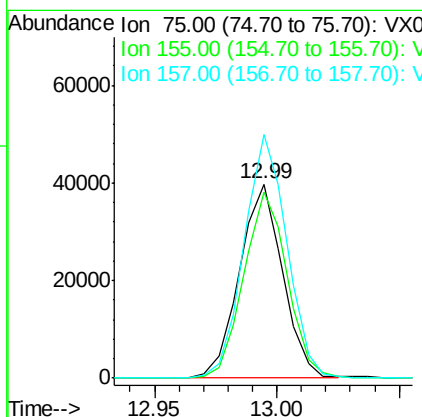
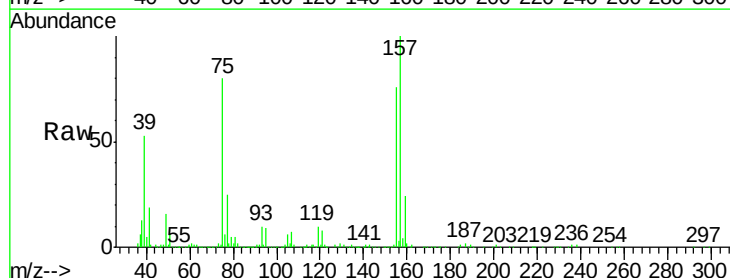
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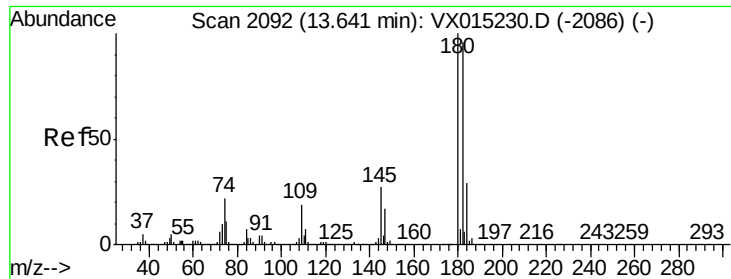
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 49.609 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015231.D
 Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	48371		
155	96.9		77.5	116.3
157	125.4		103.0	154.4





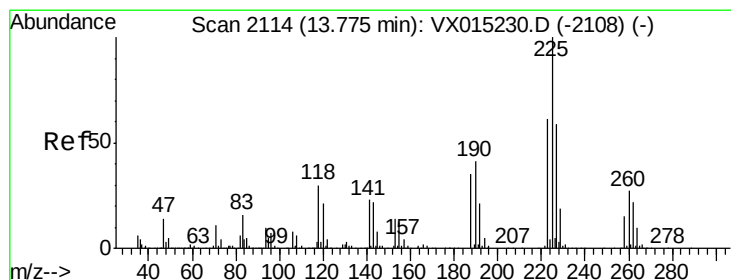
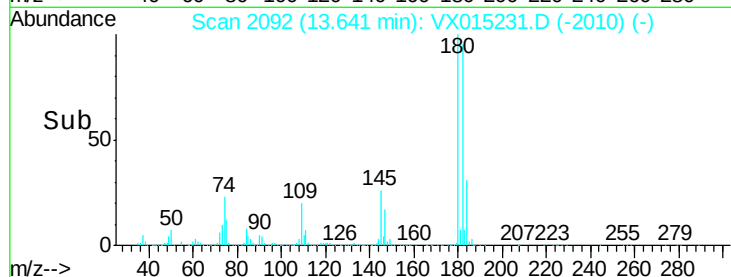
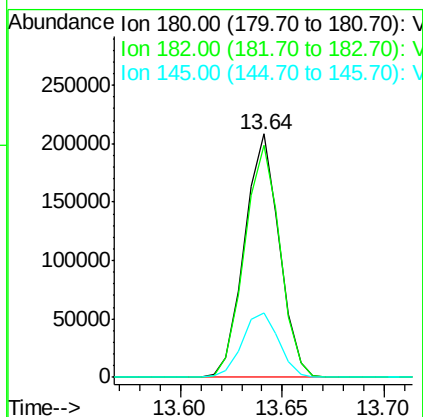
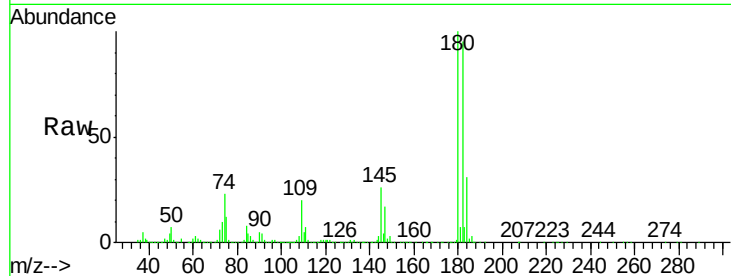
#89
1,2,4-Trichlorobenzene
Concen: 52.538 ug/l
RT: 13.64 min Scan# 2092
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.8	76.6	115.0
145	27.9	22.7	34.1

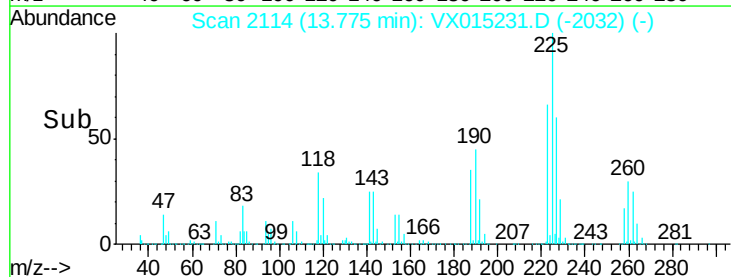
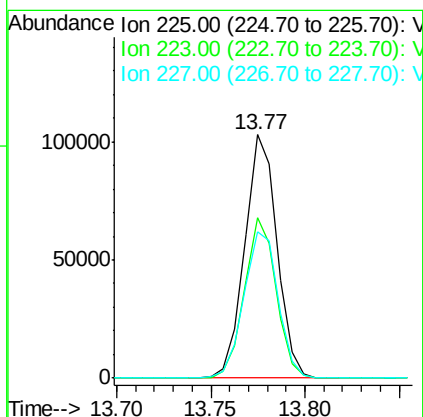
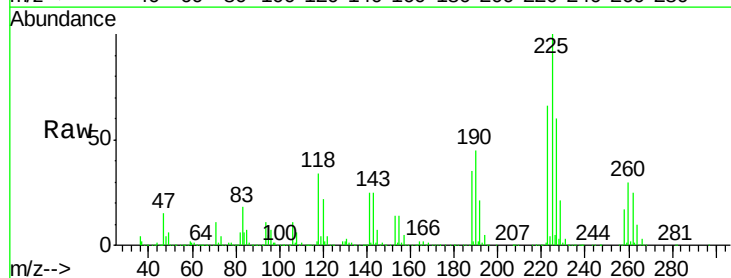
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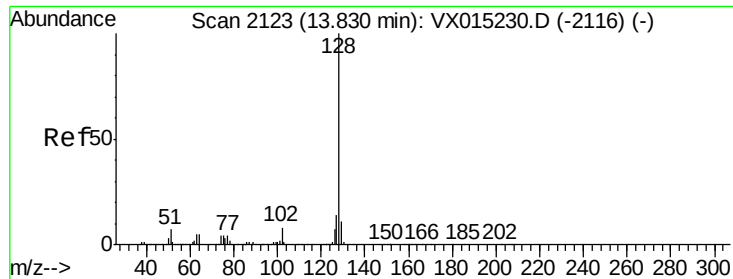
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#90
Hexachlorobutadiene
Concen: 52.198 ug/l
RT: 13.77 min Scan# 2114
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.4	0.0	125.0
227	63.7	0.0	126.2





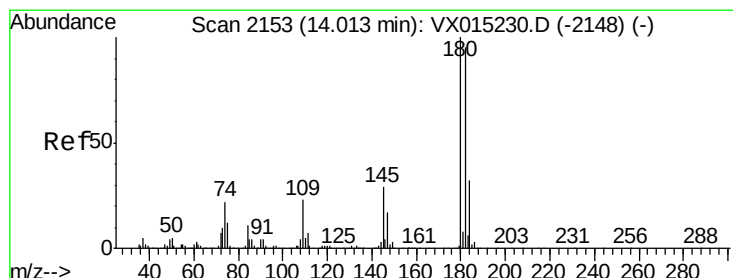
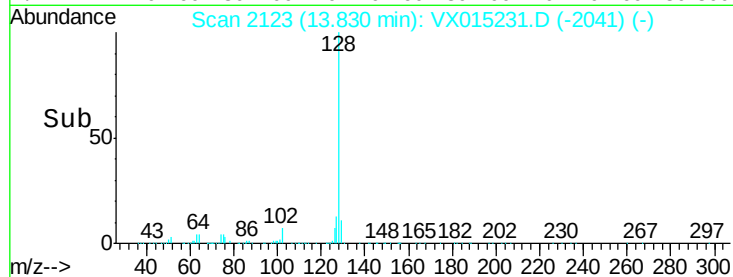
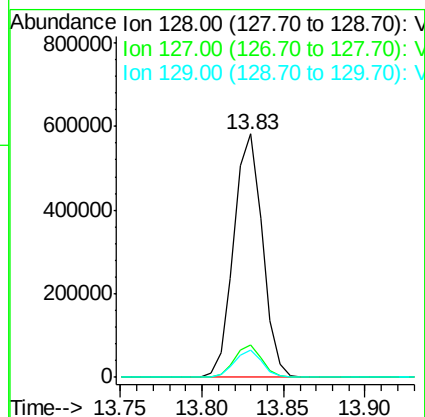
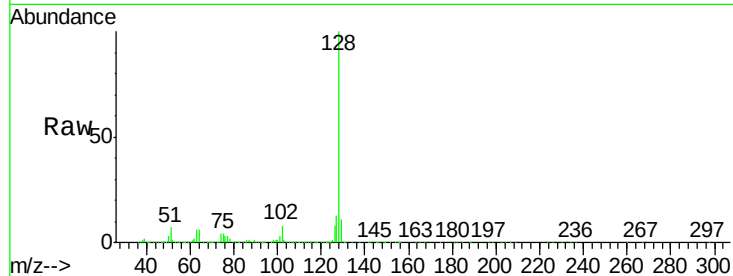
#91
Naphthalene
Concen: 53.514 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC050

Tot Ion:	128	Resp:	714071
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.8	16.2
129	10.9	8.7	13.1

Manual Integrations
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#92
1,2,3-Trichlorobenzene
Concen: 54.009 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015231.D
Acq: 12 Mar 2020 12:38

Tgt Ion:	180	Resp:	252727
Ion Ratio	Lower	Upper	
180	100		
182	94.3	0.0	192.0
145	29.6	0.0	60.0

