

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031220\
 Data File : VX015234.D
 Acq On : 12 Mar 2020 14:35
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Manual Integrations
 APPROVED

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

Quant Time: Mar 13 04:03:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X031220W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 12 14:12:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.00	128	46722	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	6.84	114	256256	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	231233	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.04	65	92881	29.47	ug/l	-0.01
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.23%
60) 4-Bromofluorobenzene	11.13	95	108526	29.48	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	98.27%
63) Toluene-d8	8.71	98	325835	32.90	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.67%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.19	85	48016	20.435 ug/l	99
3) Chloromethane	1.32	50	70288	20.719 ug/l	100
4) Vinyl Chloride	1.40	62	71652	20.756 ug/l	97
5) Bromomethane	1.64	94	47870	21.284 ug/l	98
6) Chloroethane	1.72	64	44426	20.489 ug/l	98
7) Trichlorofluoromethane	1.93	101	91622	20.818 ug/l	97
8) Diethyl Ether	2.18	74	39844	20.426 ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	53545	19.838 ug/l	99
10) 1,1-Dichloroethene	2.37	96	55155	20.269 ug/l	98
11) Methyl Iodide	2.50	142	46889	16.753 ug/l	97
12) Methyl Acetate	2.76	43	65528	19.521 ug/l	99
13) Acrolein	2.28	56	51215	96.614 ug/l	99
14) Acrylonitrile	3.13	53	148885	95.583 ug/l	100
15) Acetone	2.43	58	40648	88.937 ug/l	97
16) Carbon Disulfide	2.56	76	149391	19.605 ug/l	100
17) Allyl chloride	2.72	41	95349	18.887 ug/l	96
18) Methylene Chloride	2.84	84	58781	19.115 ug/l	99
19) trans-1,2-Dichloroethene	3.15	96	58513	19.935 ug/l	96
20) Diisopropyl ether	3.84	45	196747	19.619 ug/l	96
21) 1,1-Dichloroethane	3.69	63	102588	19.307 ug/l	98
22) cis-1,2-Dichloroethene	4.58	96	65095	19.620 ug/l	98
23) tert-Butyl Alcohol	3.03	59	59878	98.322 ug/l	# 100
24) Methyl tert-Butyl Ether	3.18	73	172815	19.656 ug/l	99
25) Chloroform	5.19	83	98946	19.576 ug/l	99
26) Cyclohexane	5.57	56	95391	19.318 ug/l	100
29) 1,1-Dichloropropene	5.79	75	77722	19.765 ug/l	99
30) 2-Butanone	4.65	43	201586	95.725 ug/l	99
31) 2,2-Dichloropropane	4.56	77	80511	19.929 ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	85195	19.909 ug/l	100
33) Carbon Tetrachloride	5.77	117	73225	19.996 ug/l	97
34) Benzene	6.13	78	235047	19.725 ug/l	100
35) Methacrylonitrile	5.02	41	44369	19.488 ug/l	99
36) 1,2-Dichloroethane	6.18	62	76651	19.285 ug/l	98
37) Trichloroethene	7.20	130	64349	19.526 ug/l	98
38) Methylcyclohexane	7.45	83	95286	19.943 ug/l	99
39) 1,2-Dichloropropane	7.50	63	61973	20.133 ug/l	98
40) Dibromomethane	7.65	93	39385	20.131 ug/l	100

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.89	83	77634	20.063	ug/l	95
42) Vinyl Acetate	3.80	43	814324	98.058	ug/l	100
43) Ethyl Acetate	4.81	43	81593	20.421	ug/l	99
44) Isopropyl Acetate	6.43	43	130972	19.379	ug/l	99
45) 1,4-Dioxane	7.74	88	28868	434.913	ug/l	96
46) Methyl methacrylate	7.76	41	65443	19.638	ug/l	96
47) n-amyl Acetate	10.89	43	112510	18.553	ug/l	98
48) t-1,3-Dichloropropene	9.03	75	91738	21.803	ug/l	100
49) cis-1,3-Dichloropropene	8.43	75	94964	19.874	ug/l	95
50) 1,1,2-Trichloroethane	9.21	97	63852	22.073	ug/l	97
51) Ethyl methacrylate	9.17	69	96106	21.291	ug/l	96
52) 1,3-Dichloropropane	9.36	76	109162	22.296	ug/l	99
53) Dibromochloromethane	9.57	129	67142	21.794	ug/l	94
54) 1,2-Dibromoethane	9.67	107	66164	22.171	ug/l	97
55) 2-Chloroethyl vinyl ether	8.30	63	224340	99.232	ug/l	100
56) Bromoform	10.85	173	46615	19.299	ug/l	98
58) 4-Methyl-2-Pentanone	8.63	43	426138	108.249	ug/l	100
59) 2-Hexanone	9.48	43	325013	109.233	ug/l	99
61) Tetrachloroethene	9.33	164	69377	21.553	ug/l	96
62) Toluene	8.78	91	272809	22.295	ug/l	99
64) Chlorobenzene	10.13	112	155686	19.912	ug/l	97
65) 1,1,1,2-Tetrachloroethane	10.21	131	57638	20.014	ug/l	97
66) Ethyl Benzene	10.25	91	273710	20.080	ug/l	100
67) m/p-Xylenes	10.35	106	207308	39.620	ug/l	98
68) o-Xylene	10.69	106	100305	19.994	ug/l	99
69) Styrene	10.70	104	172669	19.777	ug/l	99
70) Isopropylbenzene	11.01	105	270196	20.236	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.26	83	84477	19.490	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	84066m	23.695	ug/l	
73) Bromobenzene	11.25	156	72786	19.988	ug/l	94
74) n-propylbenzene	11.35	91	311992	19.778	ug/l	100
75) 2-Chlorotoluene	11.42	91	183646	19.940	ug/l	99
76) 1,3,5-Trimethylbenzene	11.50	105	226826	19.900	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	27211	18.313	ug/l	97
78) 4-Chlorotoluene	11.51	91	210201	19.823	ug/l	99
79) tert-butylbenzene	11.76	119	220272	20.612	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	227967	20.229	ug/l	99
81) sec-Butylbenzene	11.94	105	263317	19.854	ug/l	100
82) p-Isopropyltoluene	12.06	119	244969	20.086	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	126938	19.728	ug/l	100
84) 1,4-Dichlorobenzene	12.09	146	126416	19.642	ug/l	99
85) n-Butylbenzene	12.38	91	212625	19.893	ug/l	99
86) Hexachloroethane	12.59	117	41973	19.659	ug/l	94
87) 1,2-Dichlorobenzene	12.38	146	125698	20.036	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	12.99	75	18390	20.608	ug/l	93
89) 1,2,4-Trichlorobenzene	13.64	180	92114	19.865	ug/l	99
90) Hexachlorobutadiene	13.77	225	49875	20.906	ug/l	99
91) Naphthalene	13.83	128	251912	19.610	ug/l	99
92) 1,2,3-Trichlorobenzene	14.01	180	93075	19.943	ug/l	99

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QLast Update : Thu Mar 12 14:12:53 2020
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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

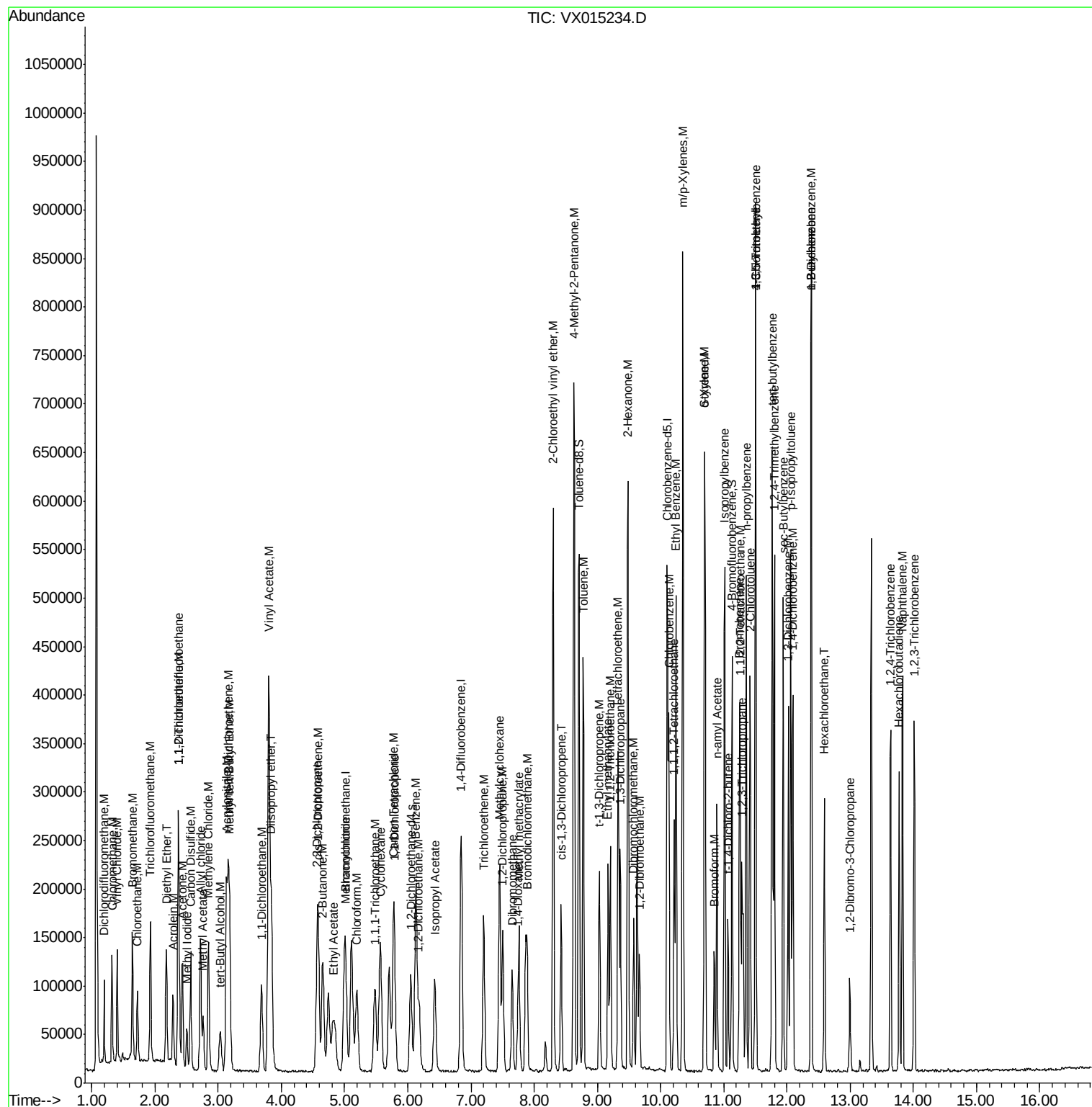
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Data File : VX015234.D
Acq On : 12 Mar 2020 14:35
Operator : JC/SP
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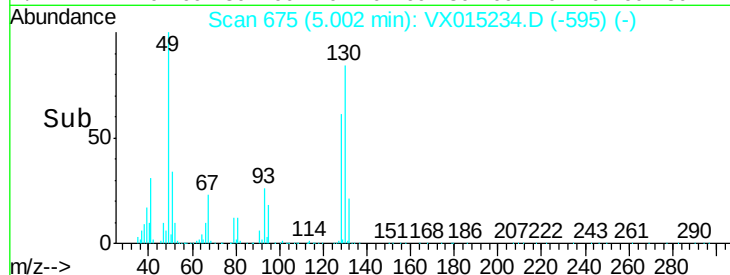
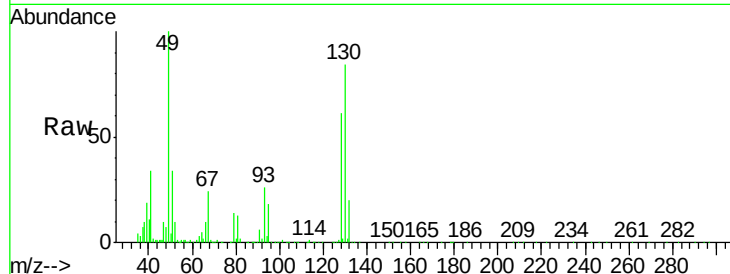
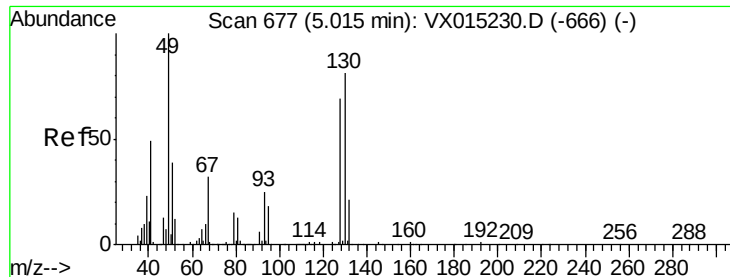
Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

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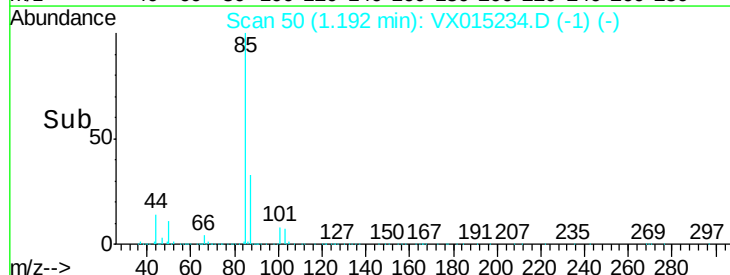
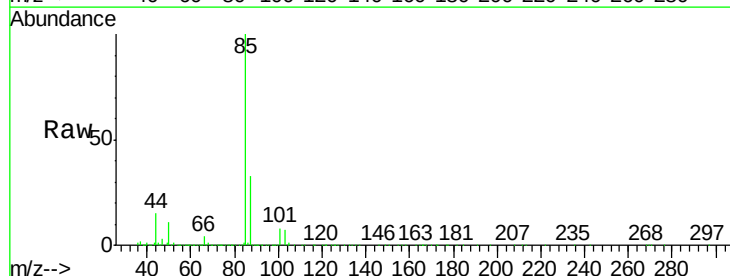
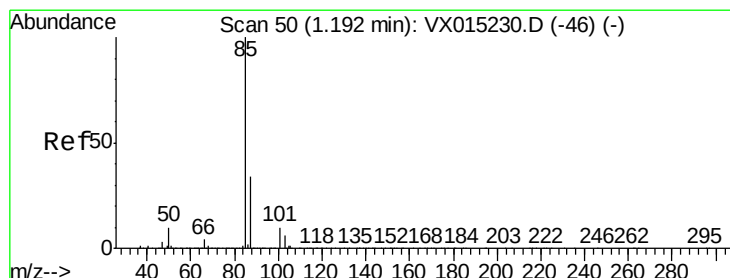
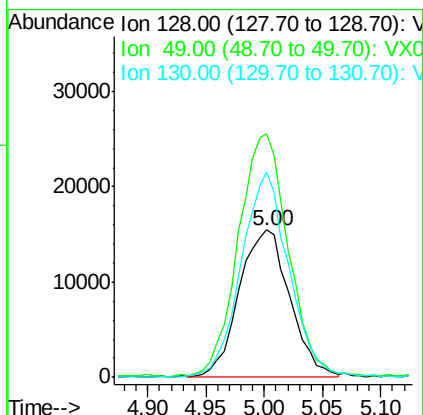
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 5.00 min Scan# 675
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tot Ion	Ratio	Lower	Upper
128	100		
49	162.4	0.0	406.8
130	130.7	0.0	319.3

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

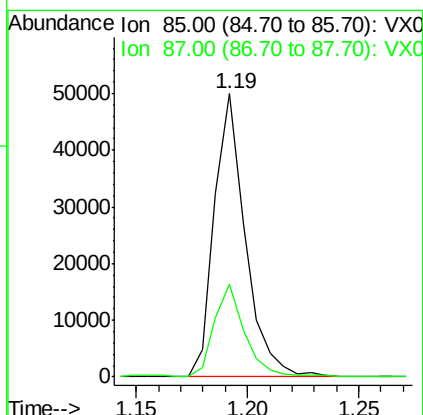
Manual Integrations
APPROVED

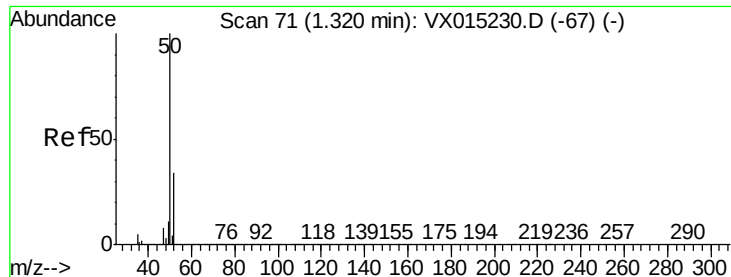
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3/16/2020 11:43:43 AM



#2
Dichlorodifluoromethane
Concen: 20.435 ug/l
RT: 1.19 min Scan# 50
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.6	16.7	50.1





#3

Chloromethane

Concen: 20.719 ug/l

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 50 Resp: 70288

Ion Ratio Lower Upper

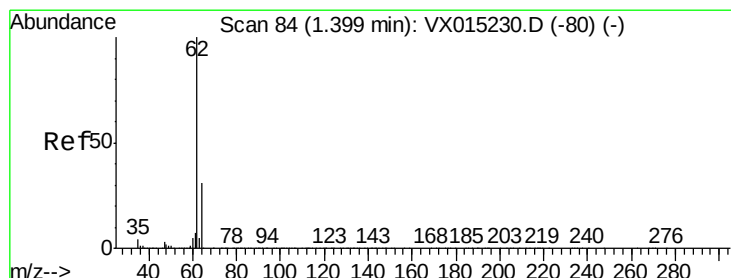
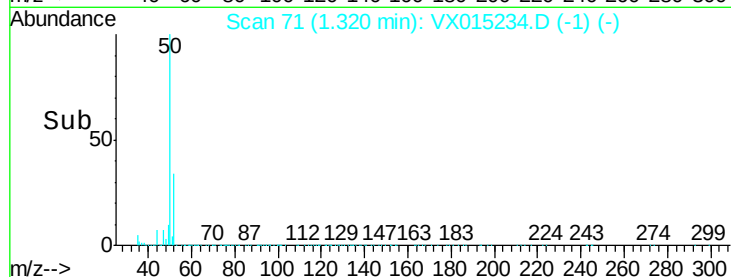
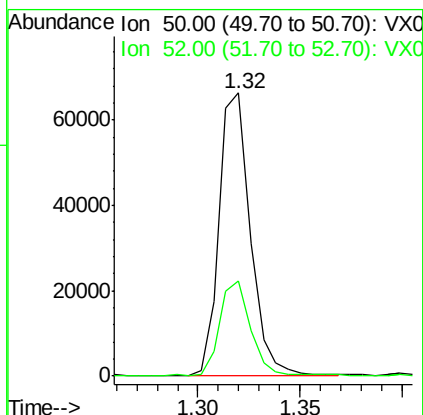
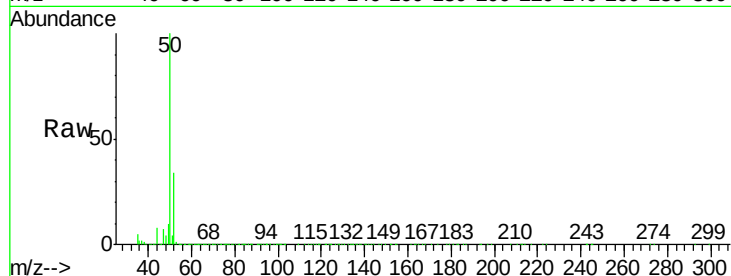
50 100

52 33.4 26.9 40.3

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



#4

Vinyl Chloride

Concen: 20.756 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX015234.D

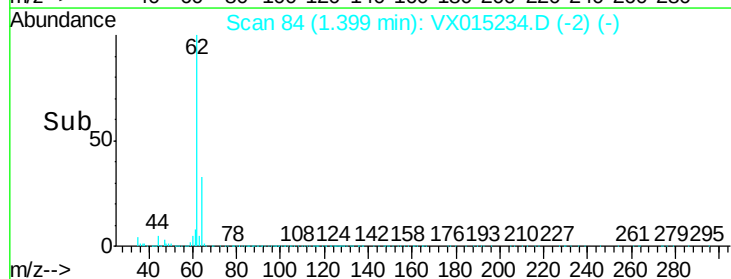
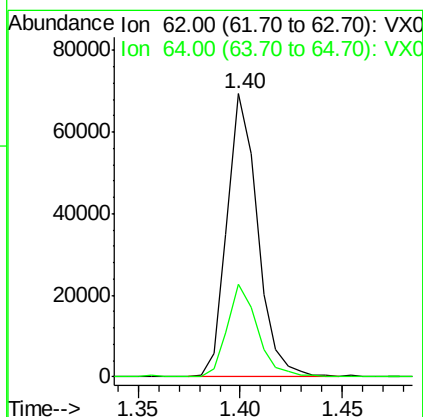
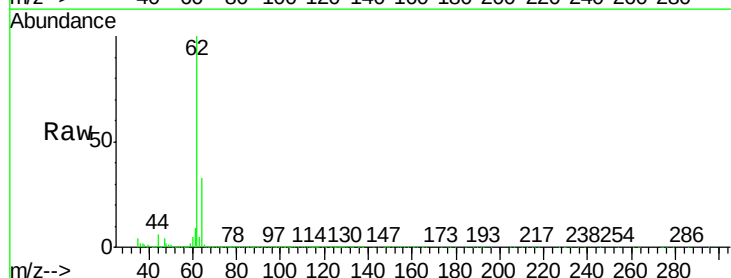
Acq: 12 Mar 2020 14:35

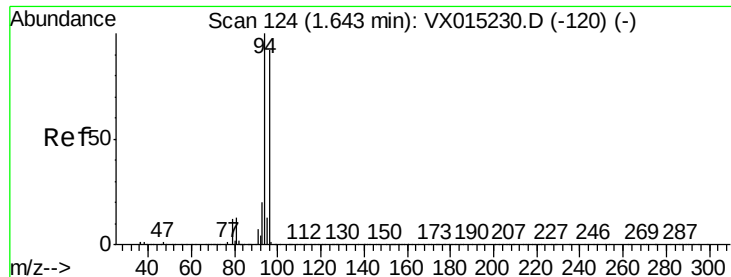
Tgt Ion: 62 Resp: 71652

Ion Ratio Lower Upper

62 100

64 32.6 24.9 37.3





#5

Bromomethane

Concen: 21.284 ug/l

RT: 1.64 min Scan# 124

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 94 Resp: 47870

Ion Ratio Lower Upper

94 100

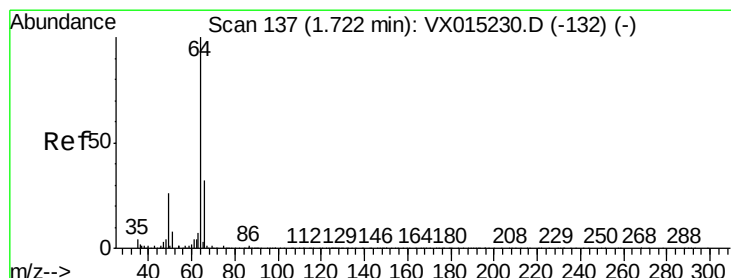
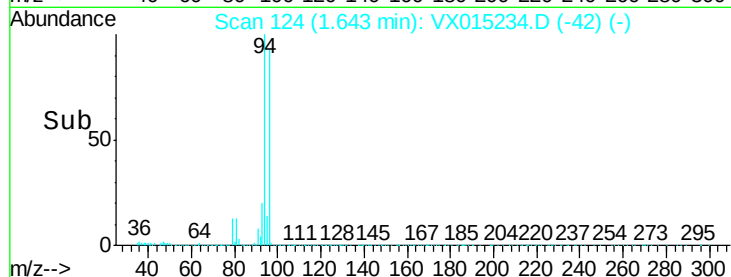
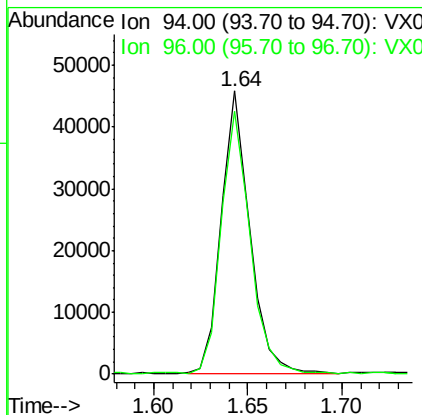
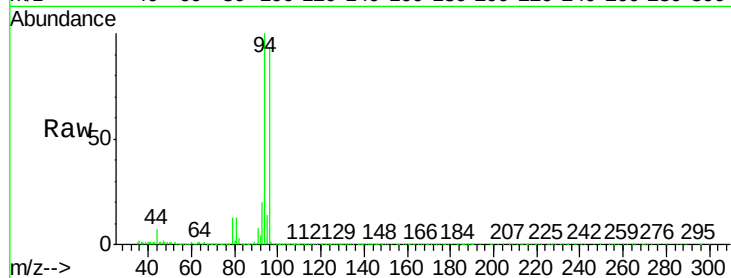
96 92.7 73.0 109.4

Manual Integrations

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#6

Chloroethane

Concen: 20.489 ug/l

RT: 1.72 min Scan# 137

Delta R.T. -0.00 min

Lab File: VX015234.D

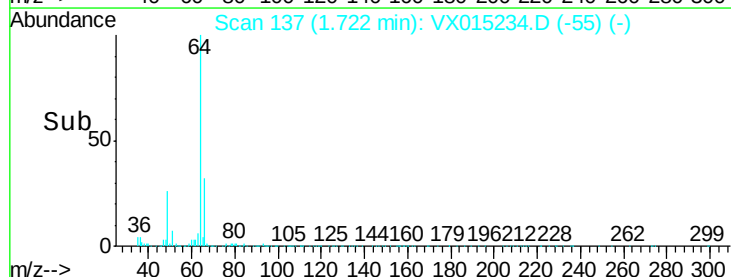
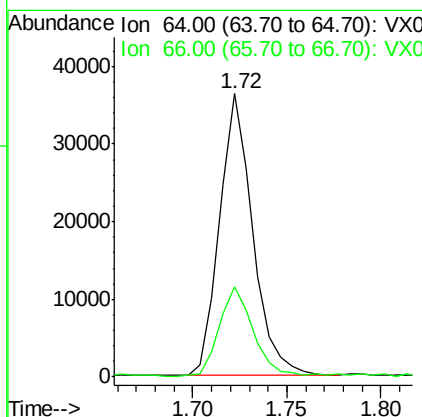
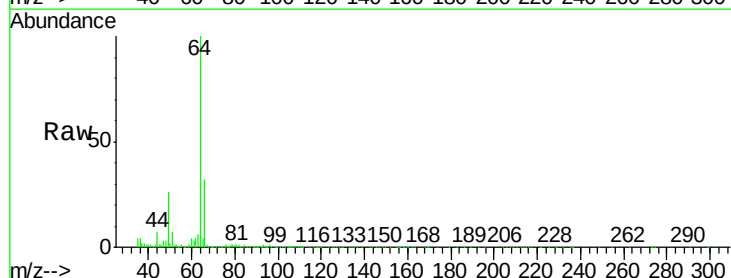
Acq: 12 Mar 2020 14:35

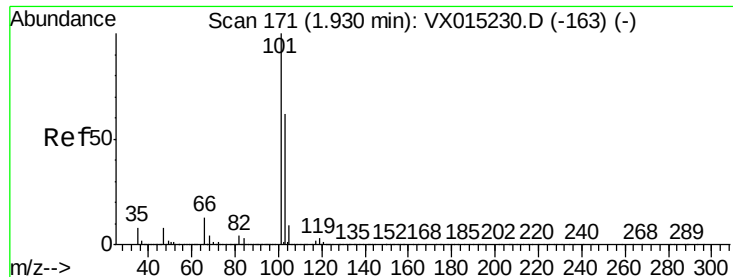
Tgt Ion: 64 Resp: 44426

Ion Ratio Lower Upper

64 100

66 31.4 25.9 38.9





#7

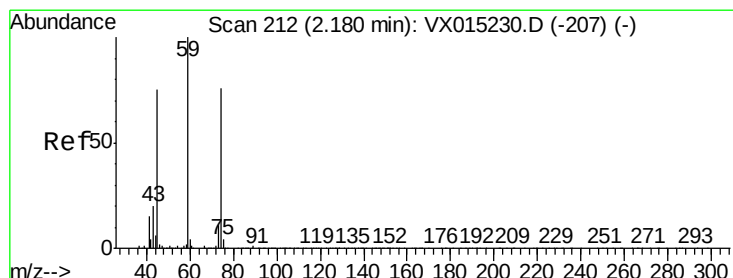
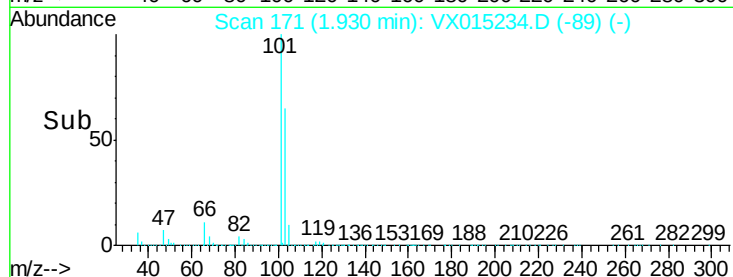
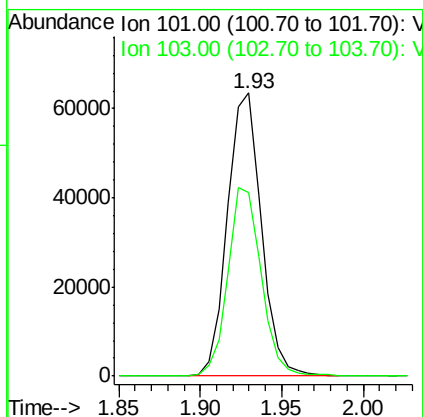
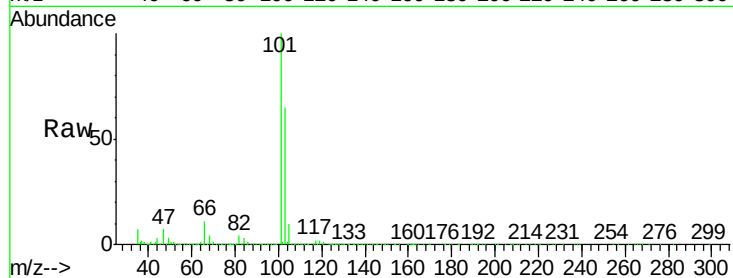
Trichlorofluoromethane
Concen: 20.818 ug/l
RT: 1.93 min Scan# 171
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	49.9	74.9

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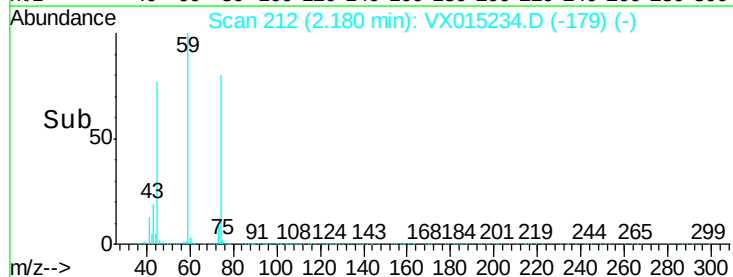
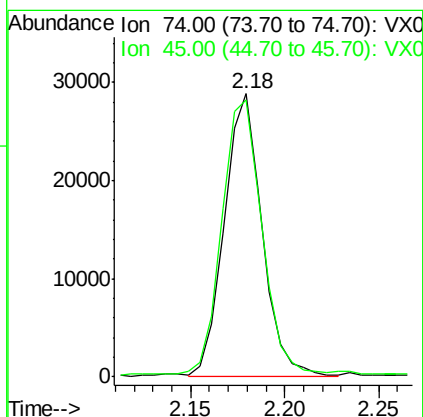
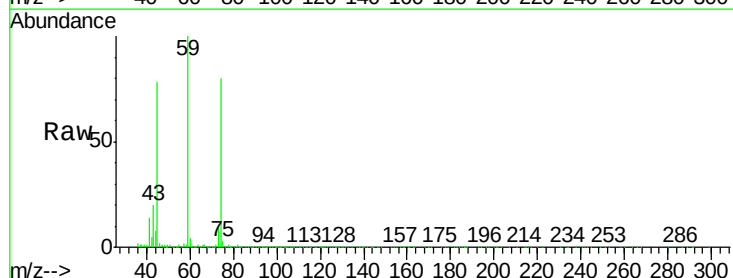
MMDadoda
3/16/2020 11:43:43 AM

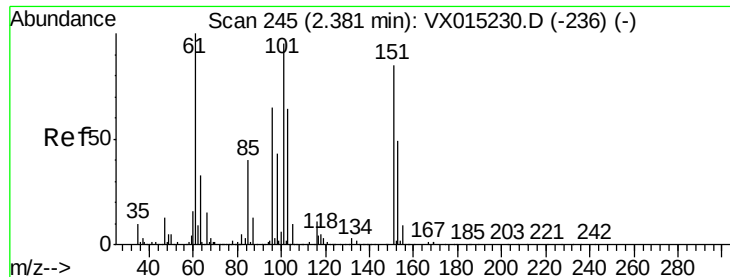


#8

Diethyl Ether
Concen: 20.426 ug/l
RT: 2.18 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
74	100		
45	103.6	20.3	182.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.838 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

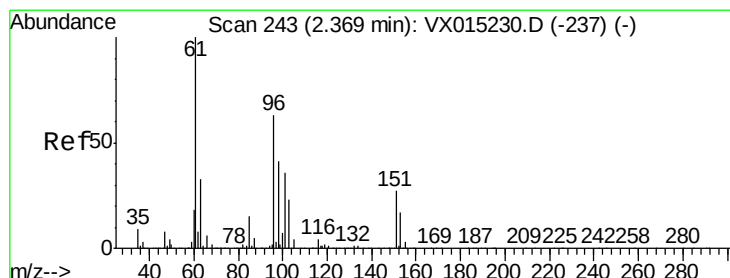
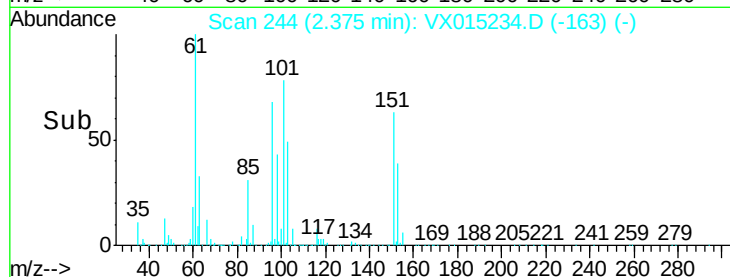
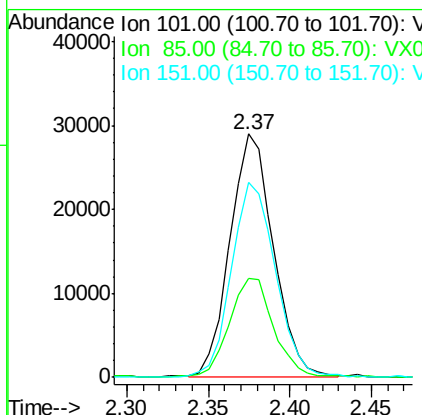
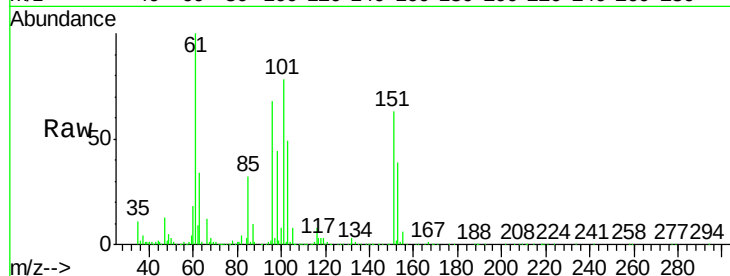
ClientSampleId :

ICVVX031220

Tot Ion:	101	Resp:	53545
Ion Ratio	Lower	Upper	
101	100		
85	42.3	0.0	82.0
151	82.0	0.0	165.0

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



#10

1,1-Dichloroethene

Concen: 20.269 ug/l

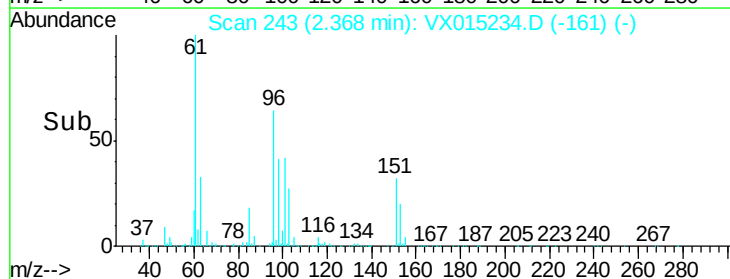
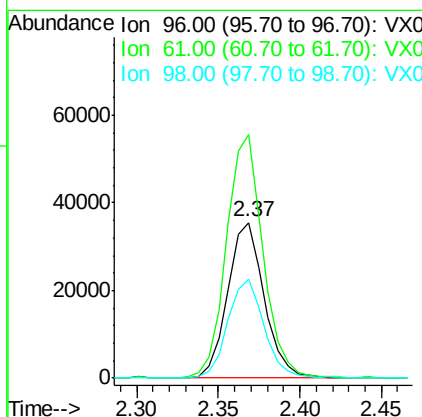
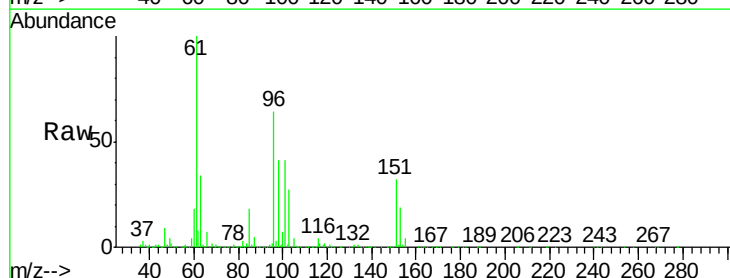
RT: 2.37 min Scan# 243

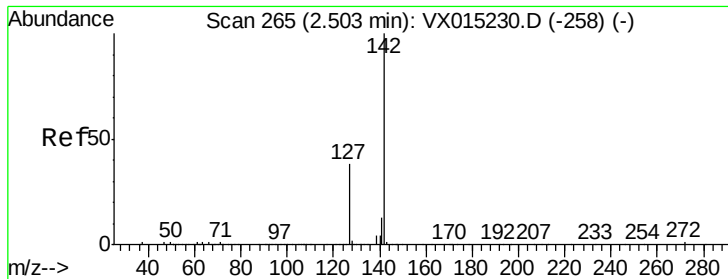
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	96	Resp:	55155
Ion Ratio	Lower	Upper	
96	100		
61	156.2	126.2	189.2
98	63.1	52.1	78.1





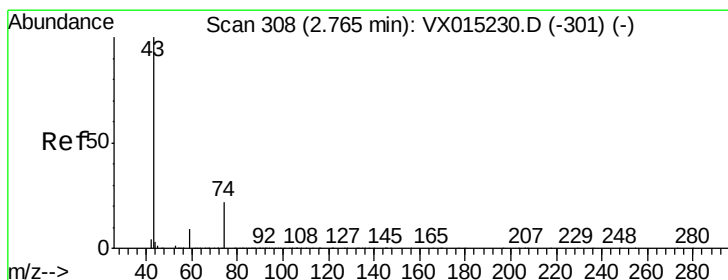
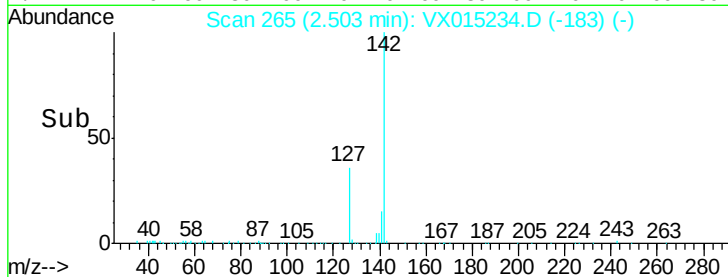
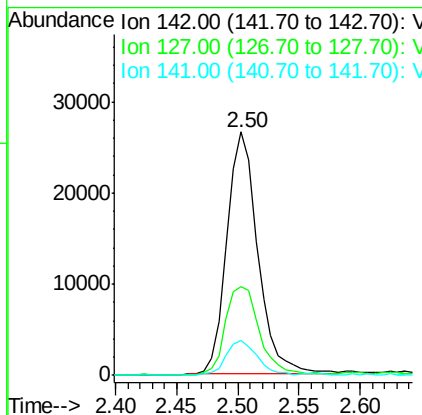
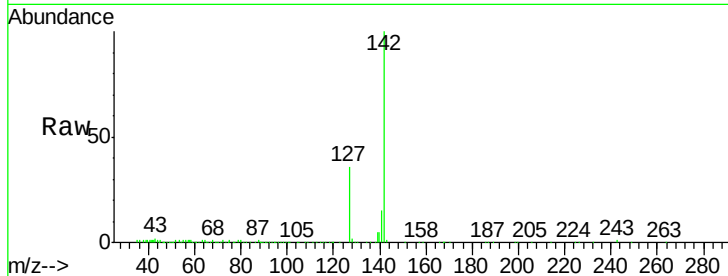
#11
Methvl Iodide
Concen: 16.753 ug/l
RT: 2.50 min Scan# 265
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Resp	Lower	Upper
142	100	46889		
127	36.4	18.9	56.9	
141	14.7	6.6	19.7	

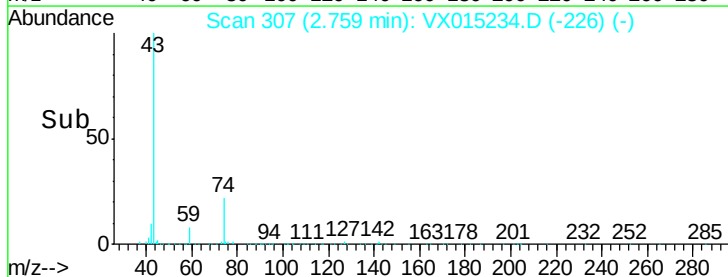
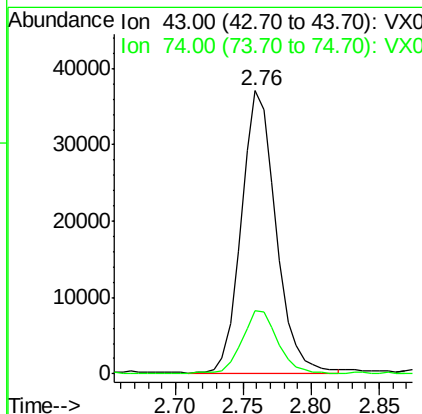
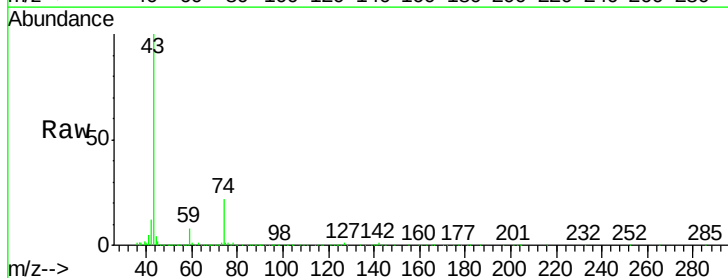
Manual Integrations
APPROVED

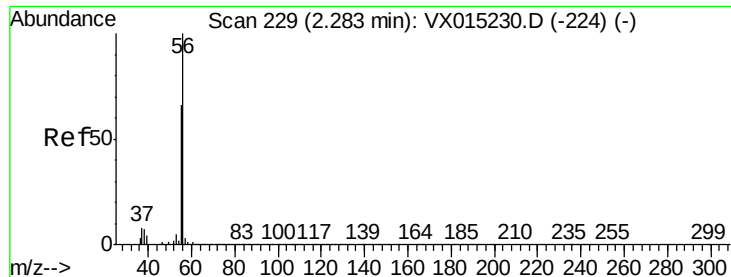
MMDadoda
3/16/2020 11:43:43 AM



#12
Methyl Acetate
Concen: 19.521 ug/l
RT: 2.76 min Scan# 307
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
43	100	65528		
74	22.0	18.0	27.0	





#13

Acrolein

Concen: 96.614 ug/l

RT: 2.28 min Scan# 229

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 56 Resp: 51215

Ion Ratio Lower Upper

56 100

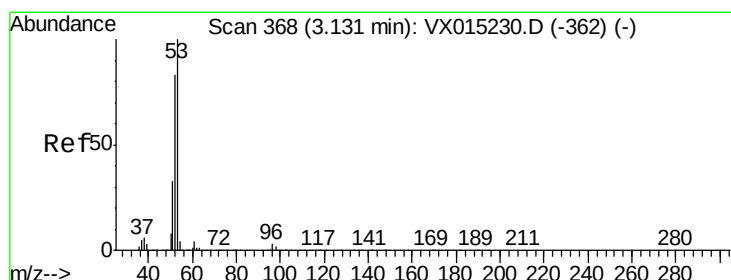
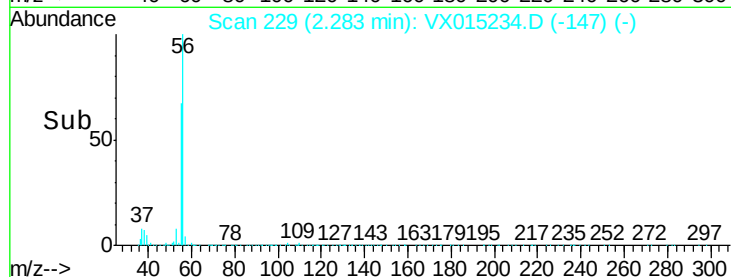
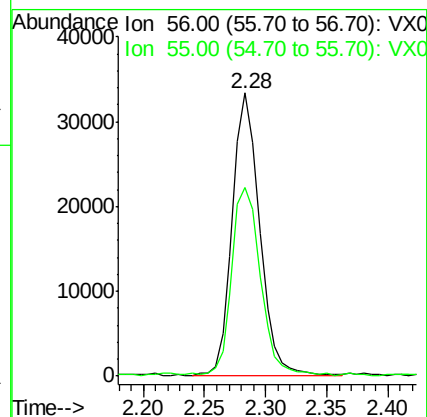
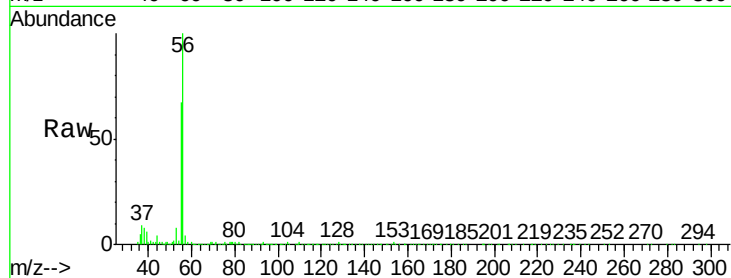
55 69.4 55.1 82.7

Manual Integrations

APPROVED

MMDadoda

3/16/2020 11:43:43 AM



#14

Acrylonitrile

Concen: 95.583 ug/l

RT: 3.13 min Scan# 368

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

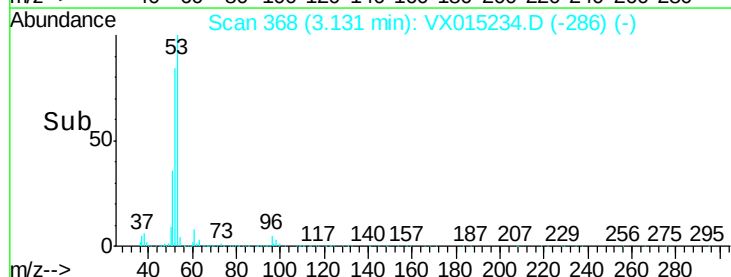
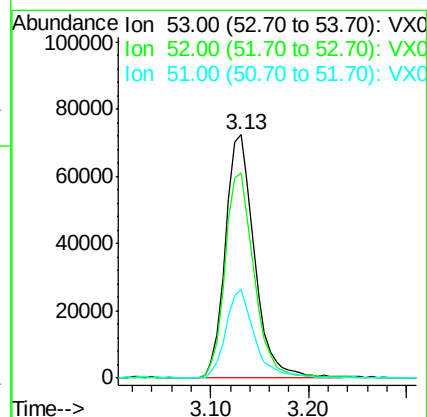
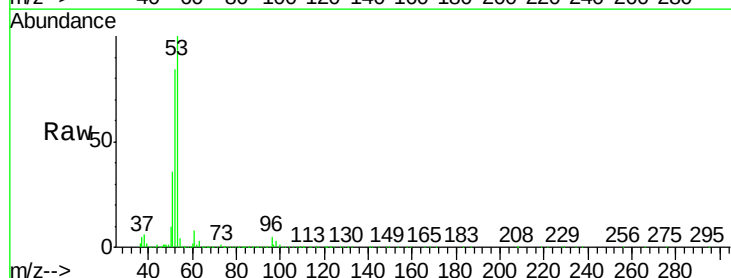
Tgt Ion: 53 Resp: 148885

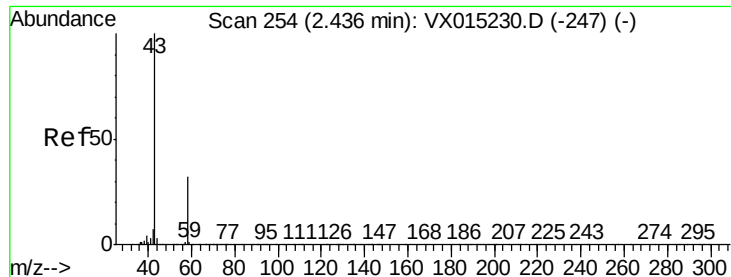
Ion Ratio Lower Upper

53 100

52 83.1 41.5 124.5

51 35.7 17.7 53.1





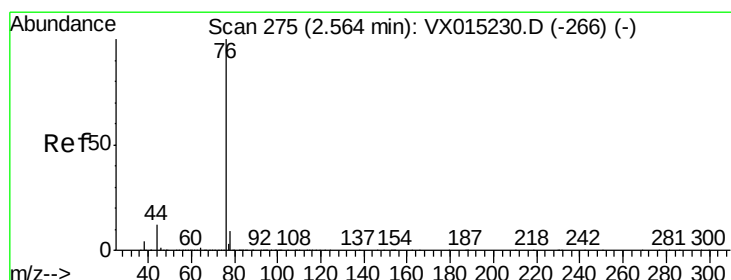
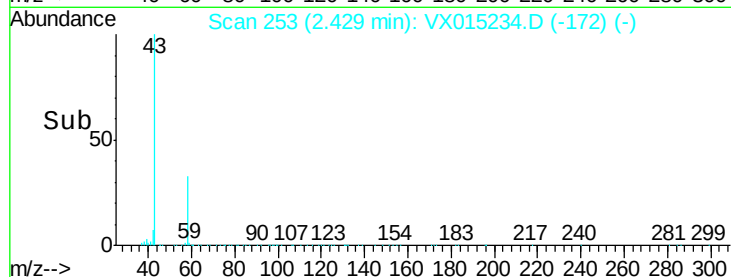
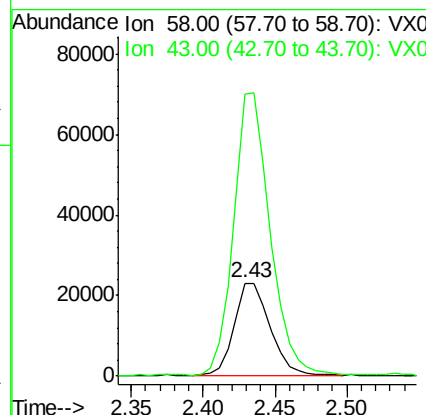
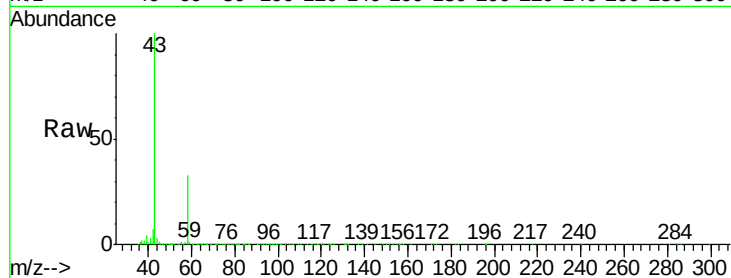
#15
Acetone
Concen: 88.937 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	58	Resp	40648
Ion Ratio	Lower	Upper	
58	100		
43	304.7	248.7	373.1

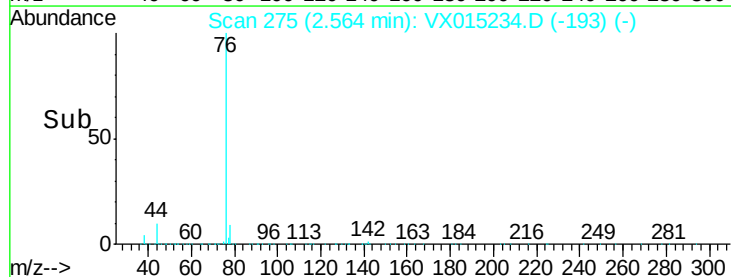
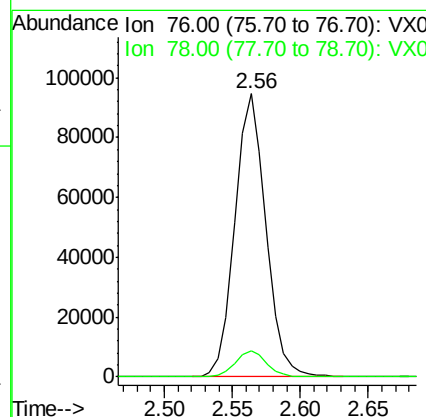
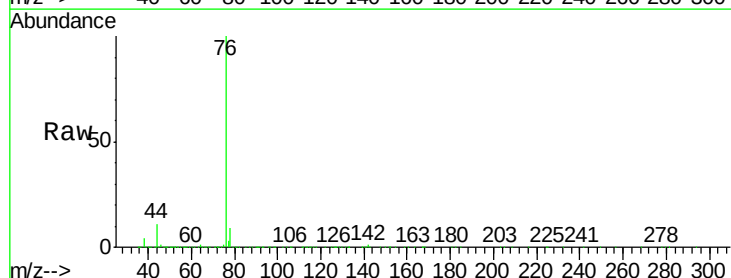
Manual Integrations
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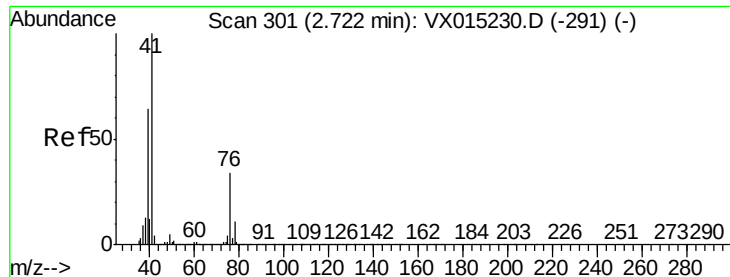
MMDadoda
3/16/2020 11:43:43 AM



#16
Carbon Disulfide
Concen: 19.605 ug/l
RT: 2.56 min Scan# 275
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	76	Resp	149391
Ion Ratio	Lower	Upper	
76	100		
78	9.2	7.3	10.9





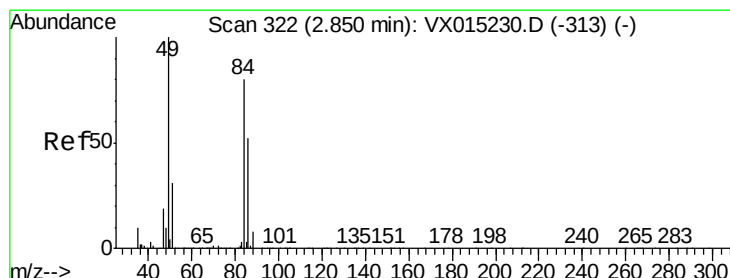
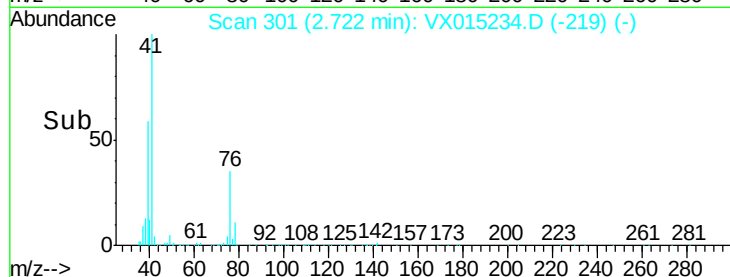
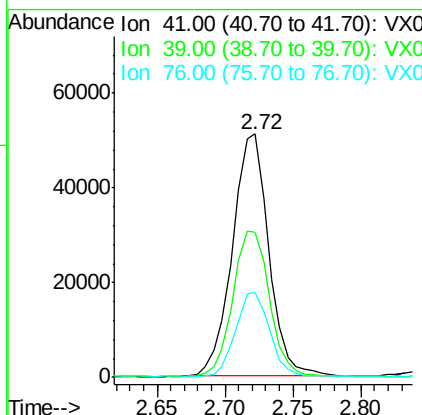
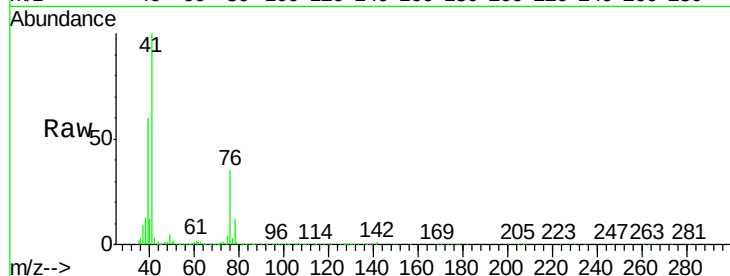
#17
Allvl chloride
Concen: 18.887 ug/l
RT: 2.72 min Scan# 301
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
41	100		
39	59.2	32.1	96.5
76	34.7	17.2	51.5

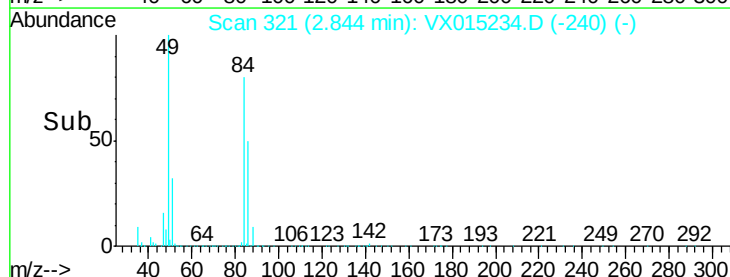
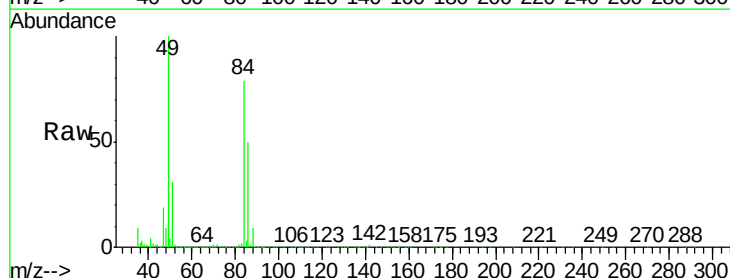
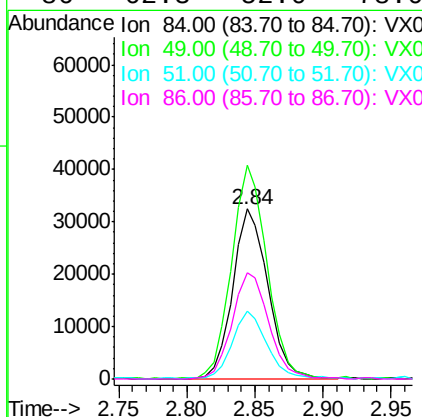
Manual Integrations
APPROVED

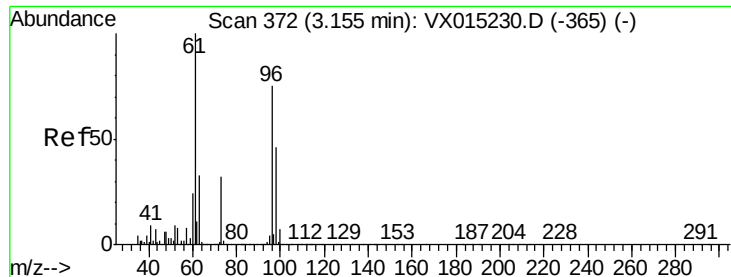
MMDadoda
3/16/2020 11:43:43 AM



#18
Methylene Chloride
Concen: 19.115 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
84	100		
49	125.0	99.5	149.3
51	38.8	31.0	46.6
86	62.3	52.0	78.0





#19

trans-1,2-Dichloroethene

Concen: 19.935 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

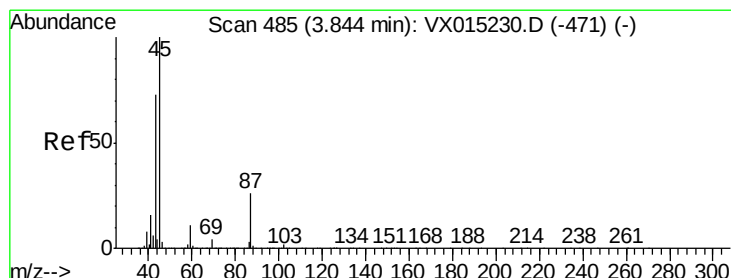
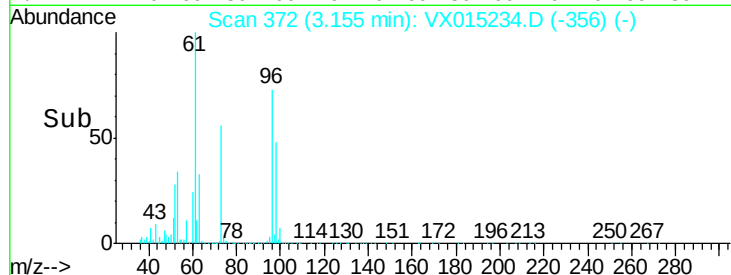
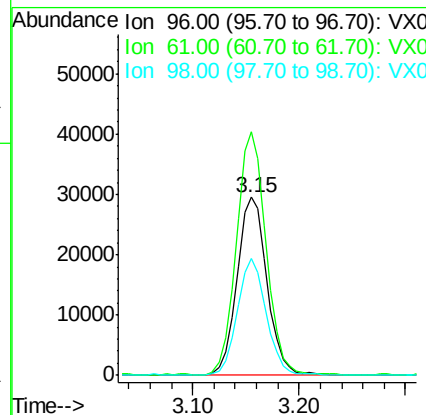
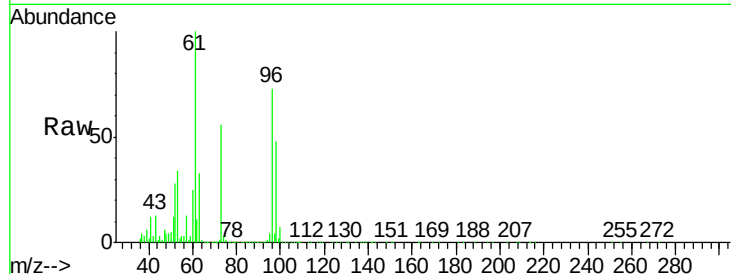
ClientSampleId :

ICVVX031220

Tot Ion:	96	Resp:	58513
Ion	Ratio	Lower	Upper
96	100		
61	136.1	106.3	159.5
98	65.6	49.1	73.7

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



#20

Diisopropyl ether

Concen: 19.619 ug/l

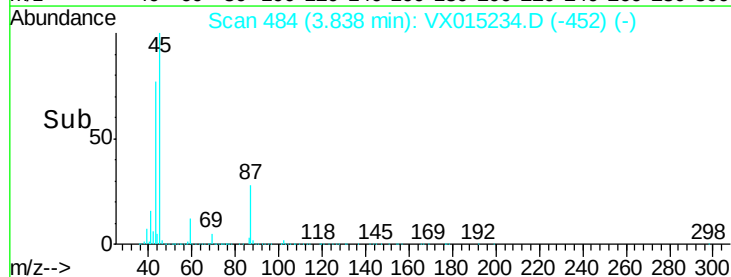
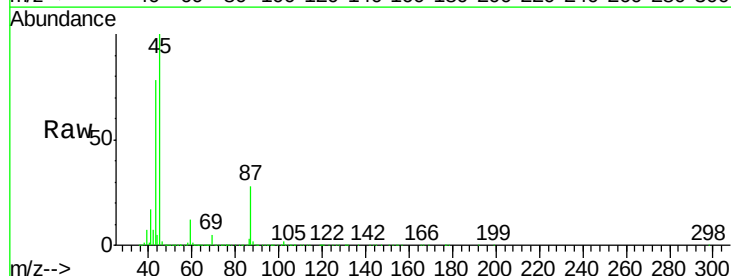
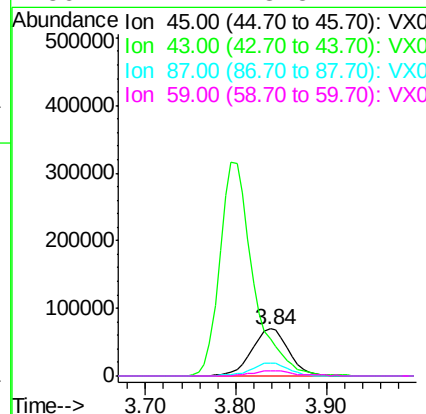
RT: 3.84 min Scan# 484

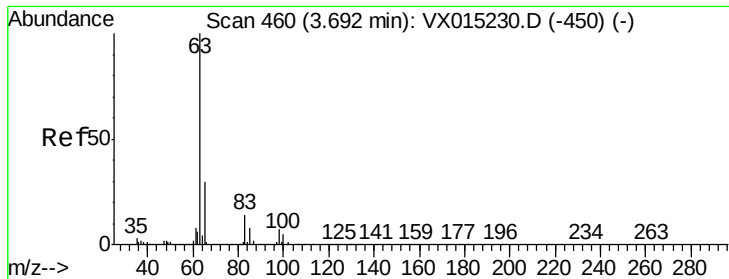
Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	45	Resp:	196747
Ion	Ratio	Lower	Upper
45	100		
43	76.5	58.6	87.8
87	27.8	21.0	31.4
59	11.7	8.5	12.7





#21

1,1-Dichloroethane

Concen: 19.307 ug/l

RT: 3.69 min Scan# 459

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

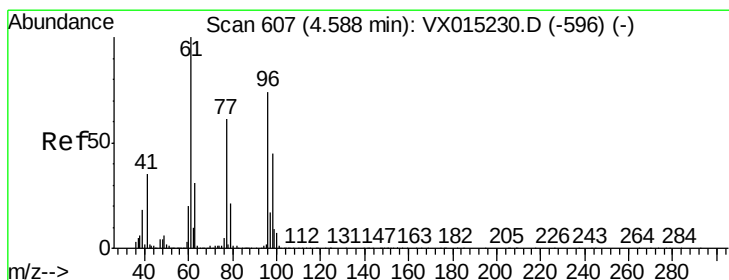
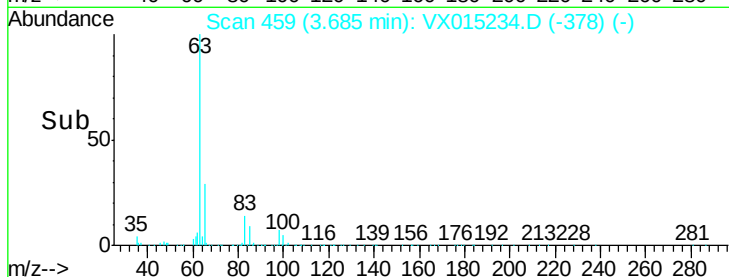
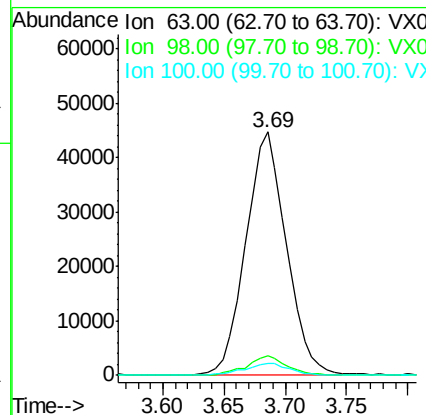
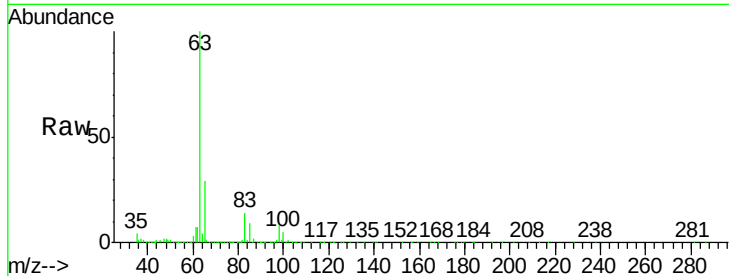
ClientSampleId :

ICVVX031220

Tot Ion:	63	Resp:	102588
Ion Ratio	Lower	Upper	
63	100		
98	8.2	3.5	10.6
100	4.9	2.4	7.1

Manual Integrations
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#22

cis-1,2-Dichloroethene

Concen: 19.620 ug/l

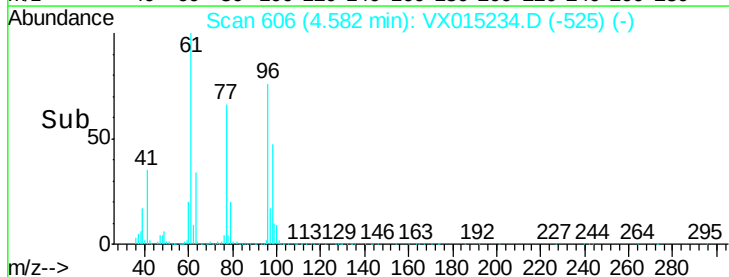
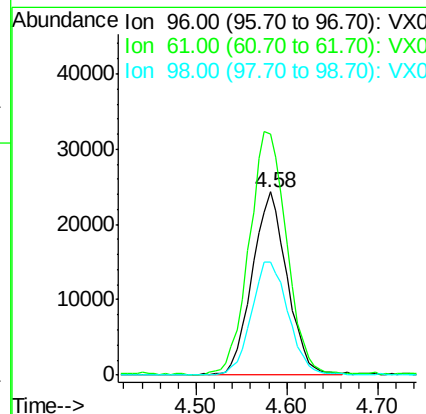
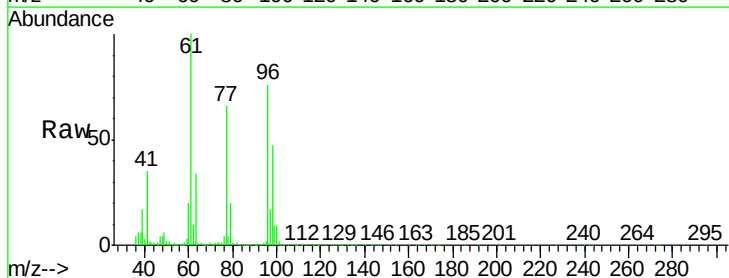
RT: 4.58 min Scan# 606

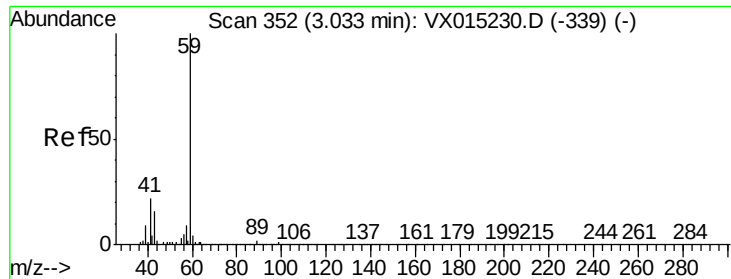
Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	96	Resp:	65095
Ion Ratio	Lower	Upper	
96	100		
61	141.6	111.4	167.0
98	65.2	50.1	75.1





#23

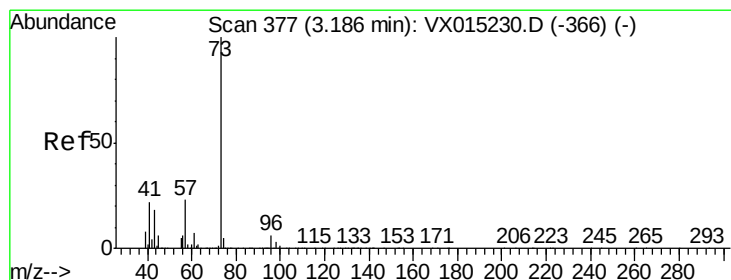
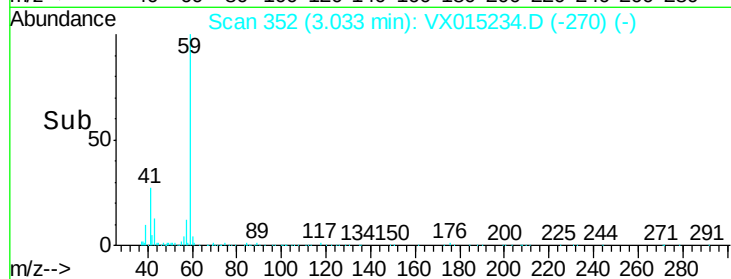
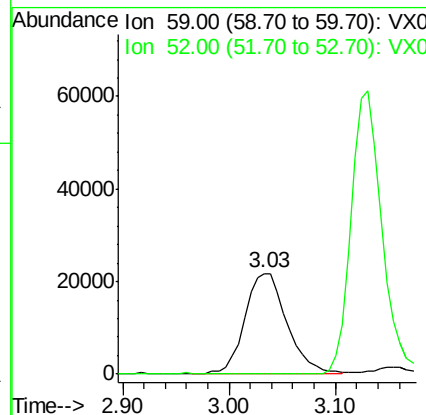
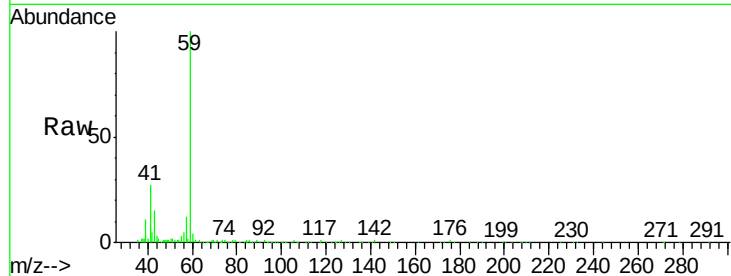
tert-Butyl Alcohol
Concen: 98.322 ug/l
RT: 3.03 min Scan# 352
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
59	100		
52	0.3	0.4	0.6#

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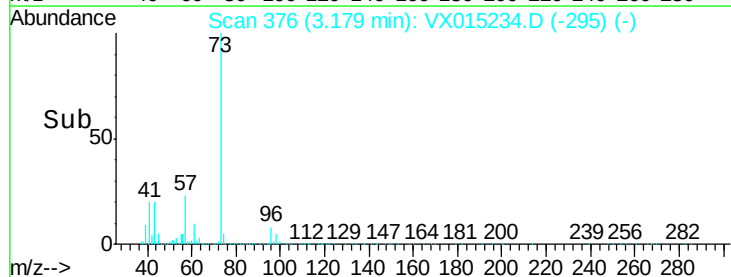
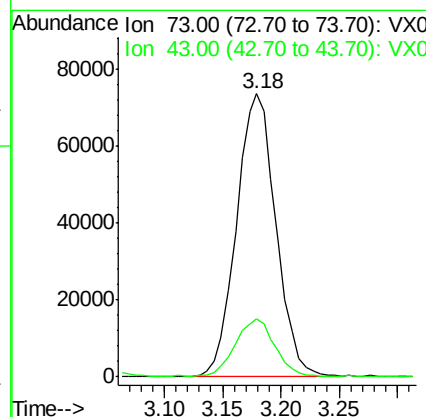
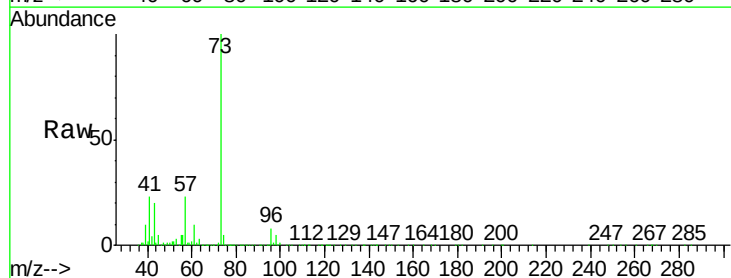
MMDadoda
3/16/2020 11:43:43 AM

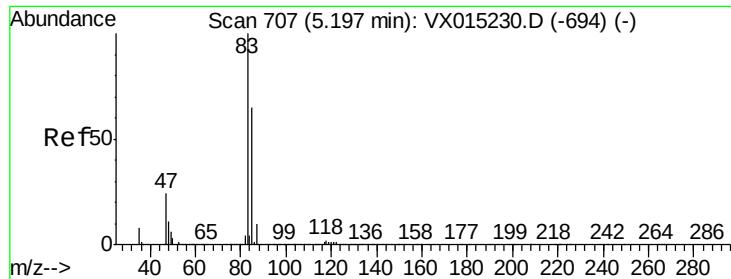


#24

Methyl tert-Butyl Ether
Concen: 19.656 ug/l
RT: 3.18 min Scan# 376
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
73	100		
43	20.4	15.9	23.9





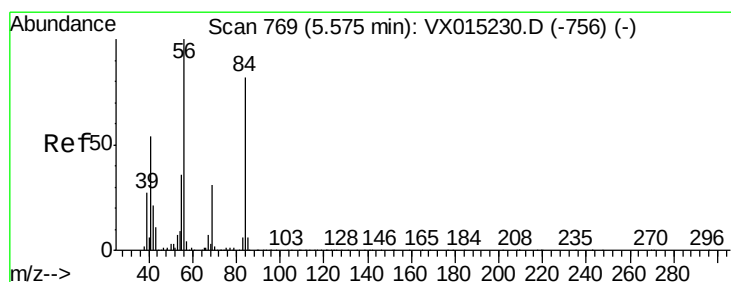
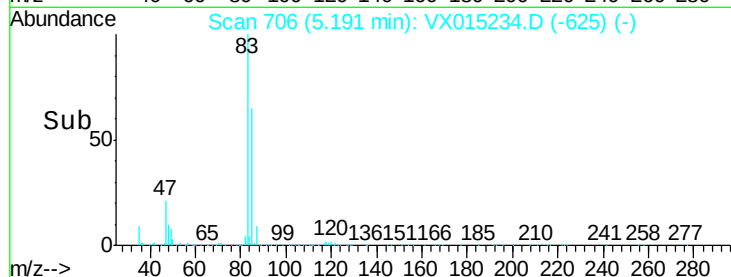
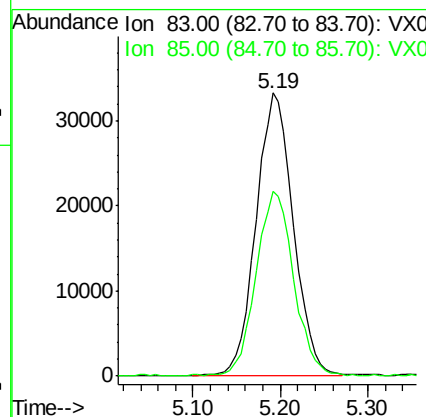
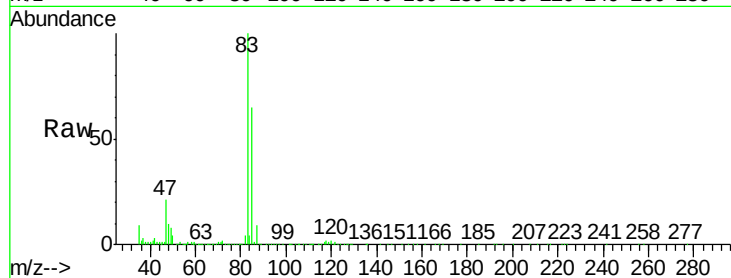
#25
Chloroform
Concen: 19.576 ug/l
RT: 5.19 min Scan# 706
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	83	Resp	98946
Ion Ratio	100	Lower	Upper
83	100		
85	65.0	51.4	77.2

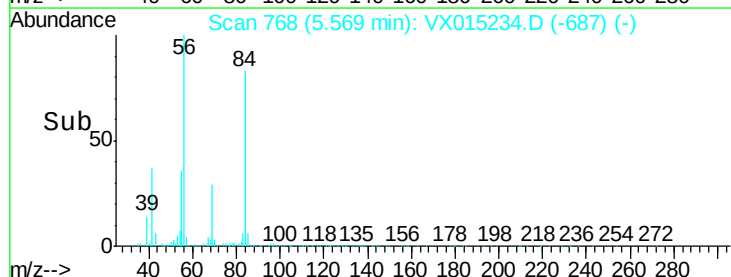
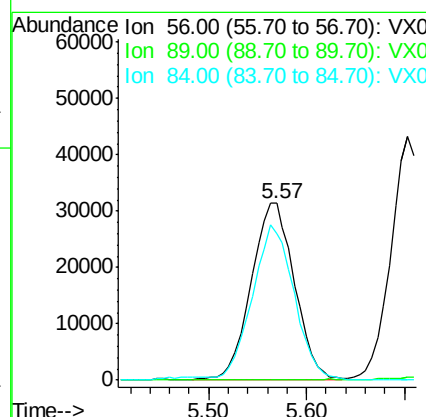
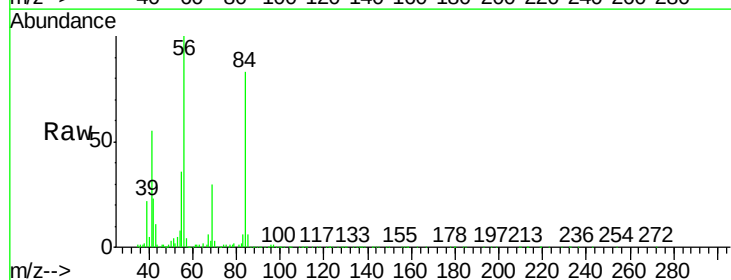
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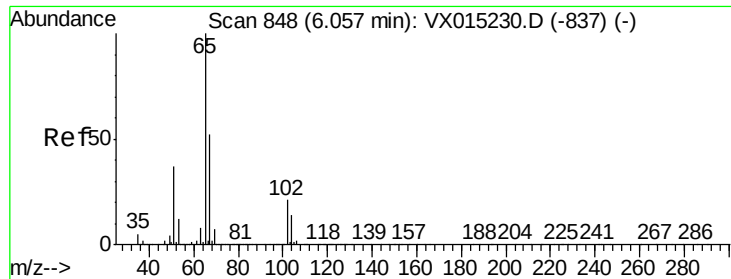
MMDadoda
3/16/2020 11:43:43 AM



#26
Cyclohexane
Concen: 19.318 ug/l
RT: 5.57 min Scan# 768
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	56	Resp	95391
Ion Ratio	100	Lower	Upper
56	100		
89	0.1	0.1	0.1
84	85.1	68.2	102.4





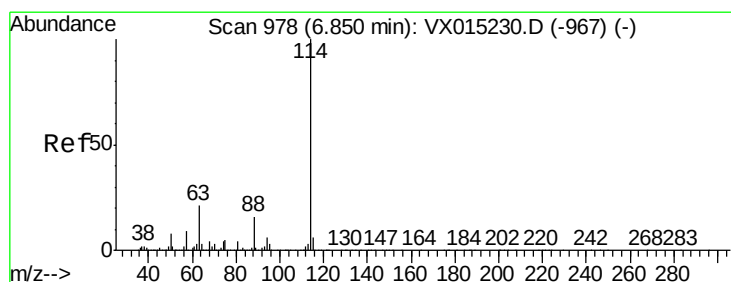
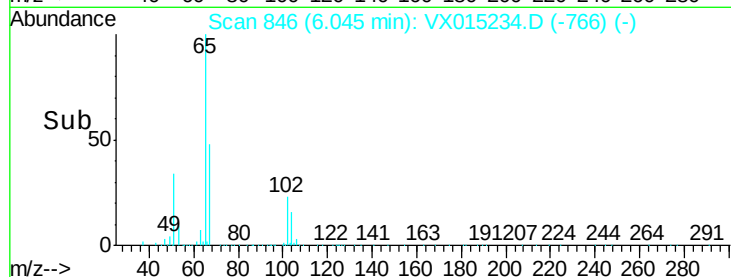
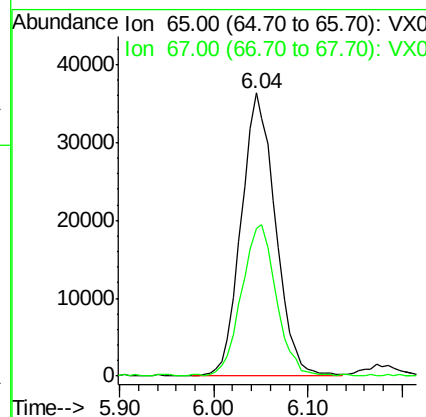
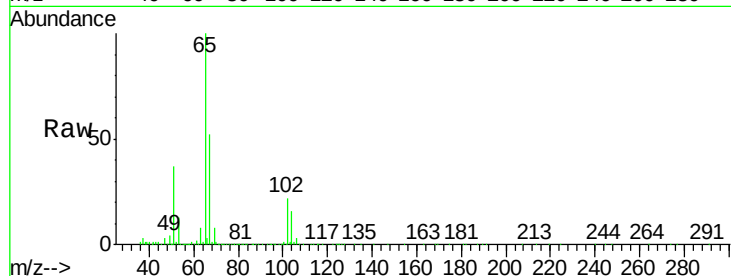
#27
 1,2-Dichloroethane-d4
 Concen: 29.469 ug/l
 RT: 6.04 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.6	43.5	65.3

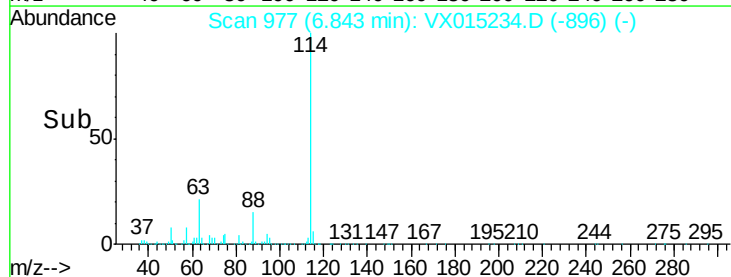
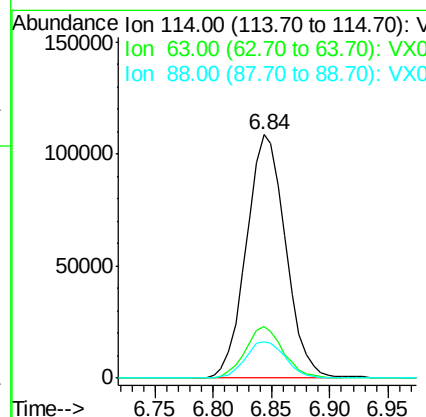
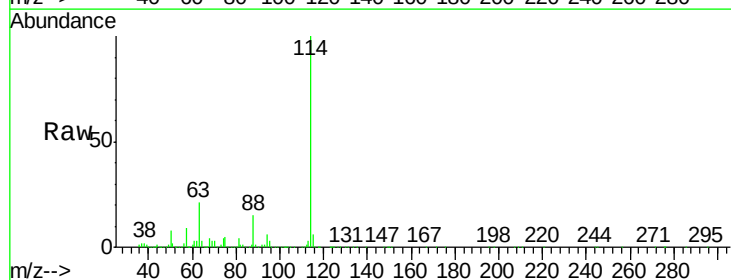
Manual Integrations
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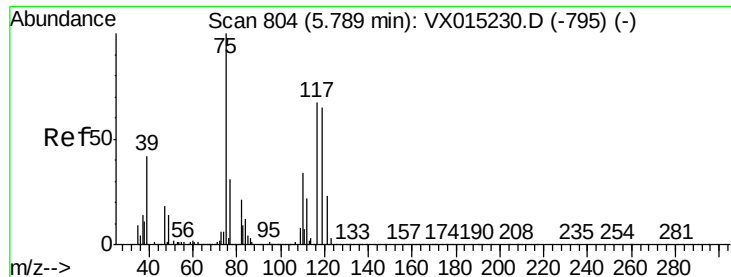
MMDadoda
 3/16/2020 11:43:43 AM



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.3	16.6	24.8
88	15.4	12.6	19.0





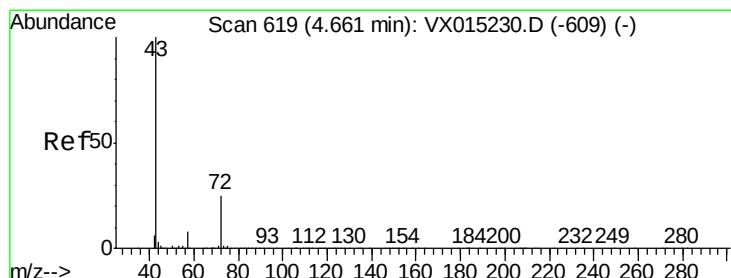
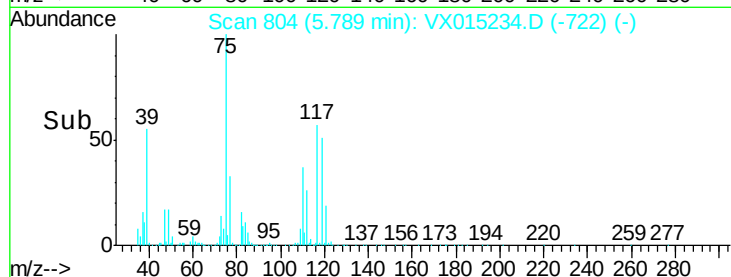
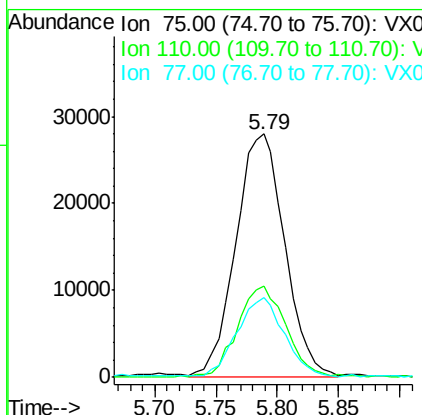
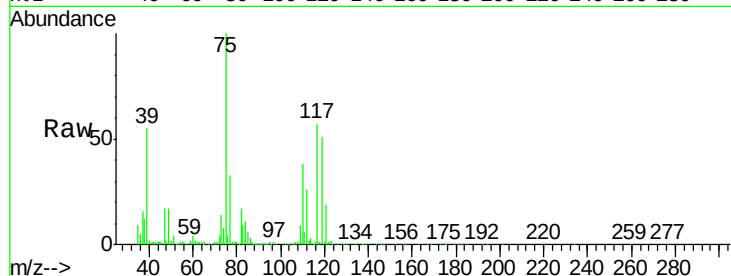
#29
 1,1-Dichloropropene
 Concen: 19.765 ug/l
 RT: 5.79 min Scan# 804
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
75	100		
110	37.6	0.0	73.6
77	31.3	0.0	63.4

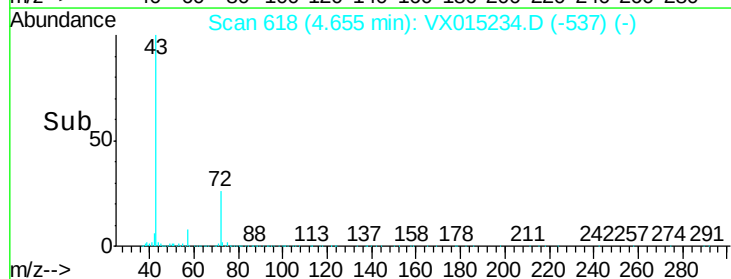
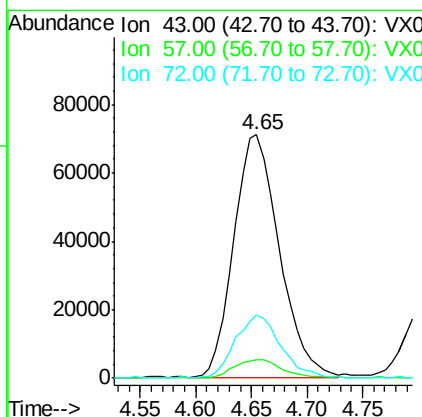
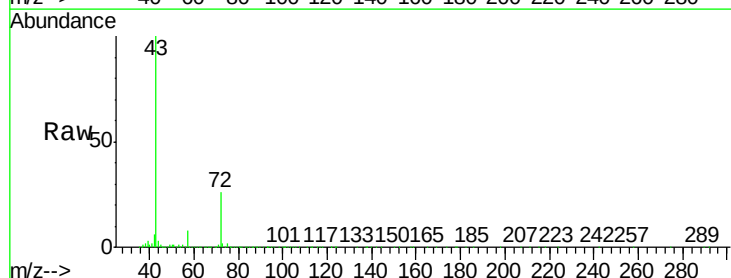
Manual Integrations
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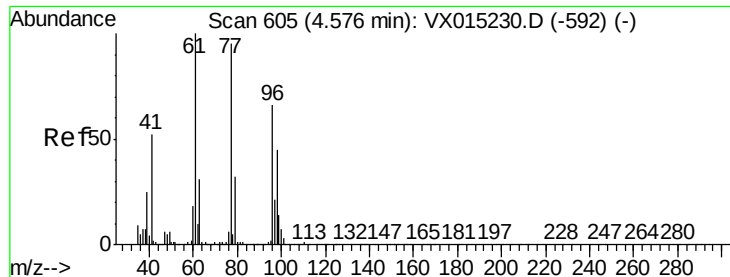
MMDadoda
 3/16/2020 11:43:43 AM



#30
 2-Butanone
 Concen: 95.725 ug/l
 RT: 4.65 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.1	6.4	9.6
72	25.4	19.9	29.9





#31

2,2-Dichloropropane

Concen: 19.929 ug/l

RT: 4.56 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 77 Resp: 80511

Ion Ratio Lower Upper

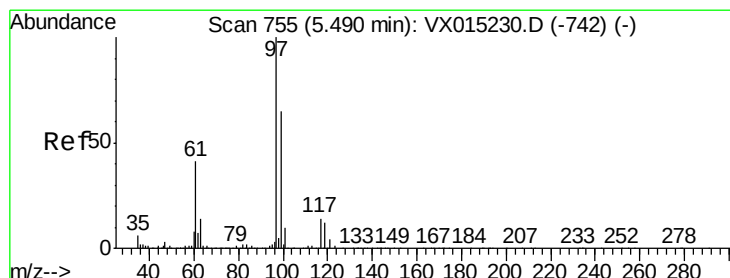
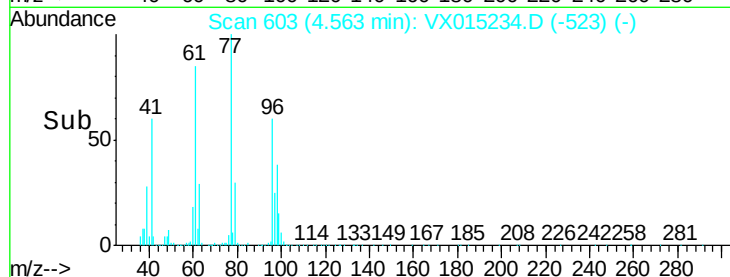
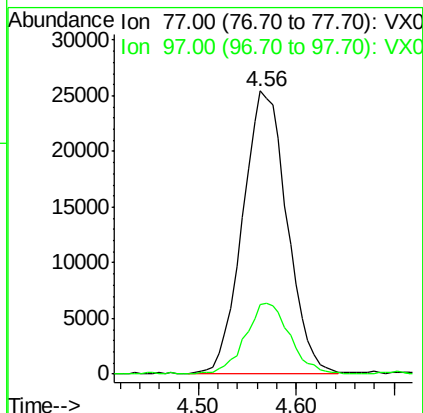
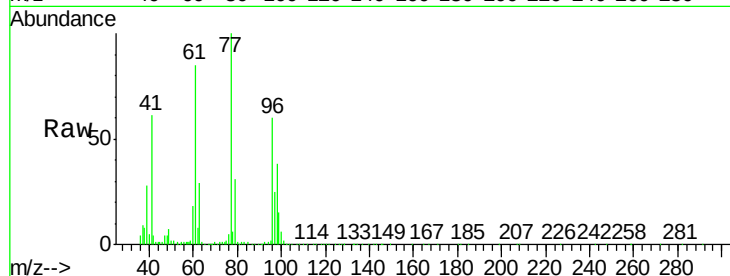
77 100

97 25.1 19.8 29.6

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



#32

1,1,1-Trichloroethane

Concen: 19.909 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

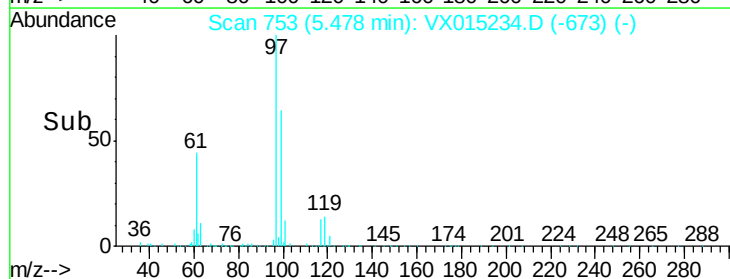
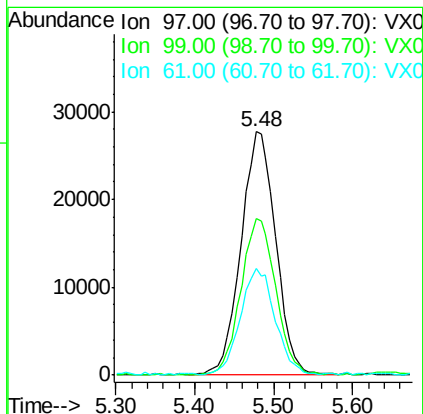
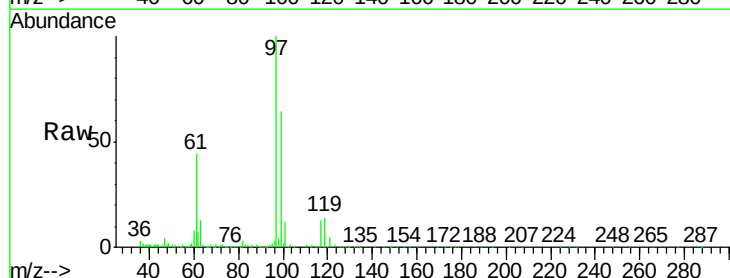
Tgt Ion: 97 Resp: 85195

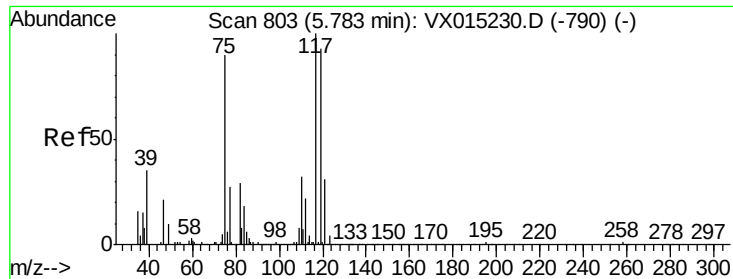
Ion Ratio Lower Upper

97 100

99 64.6 52.0 78.0

61 43.9 35.0 52.6





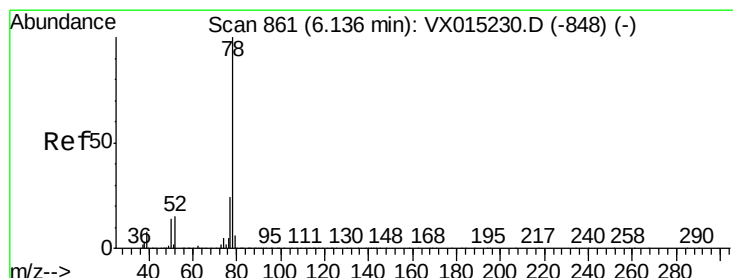
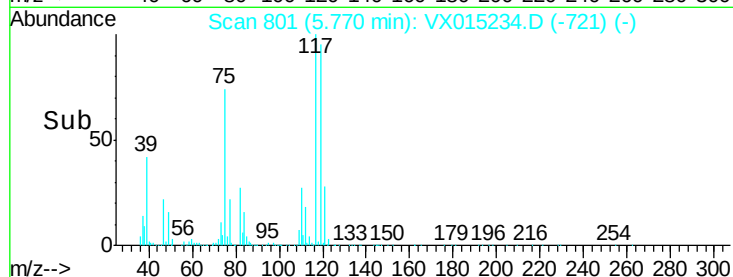
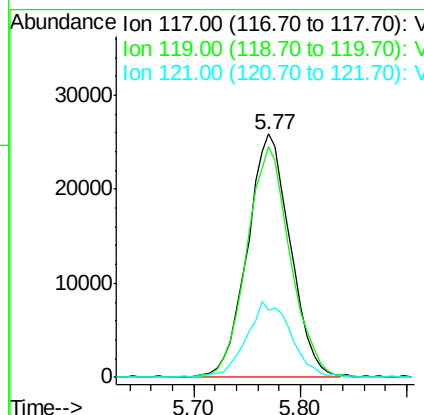
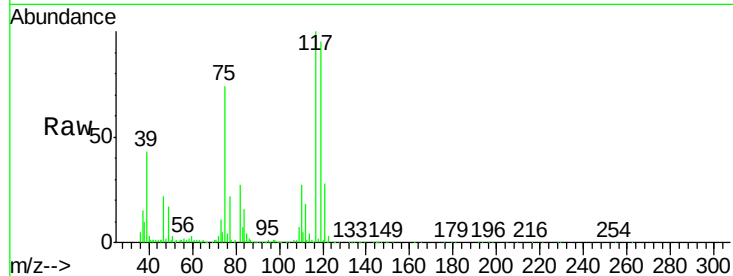
#33
Carbon Tetrachloride
Concen: 19.996 ug/l
RT: 5.77 min Scan# 801
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
117	100		
119	94.5	74.2	111.4
121	27.5	24.3	36.5

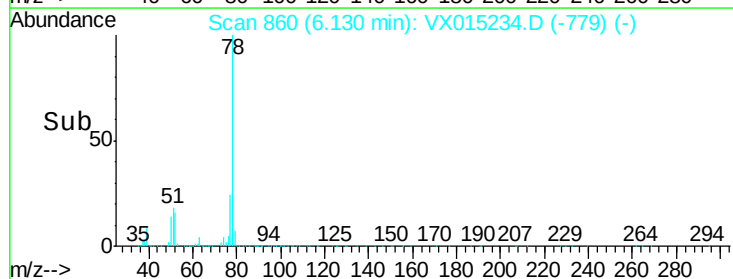
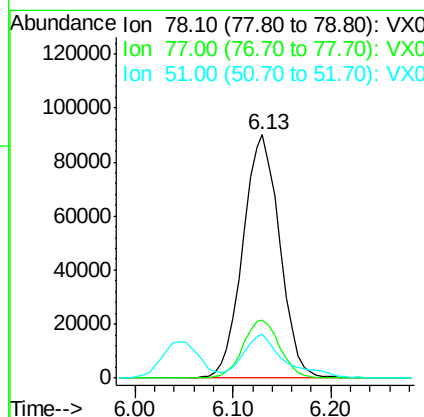
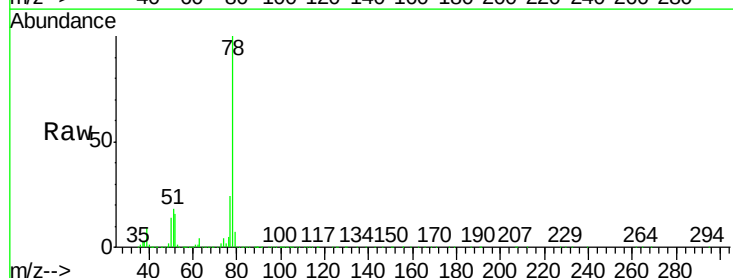
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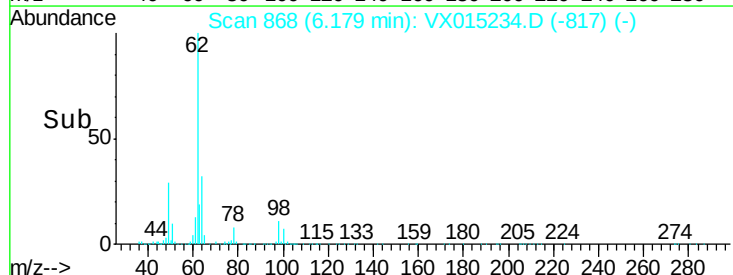
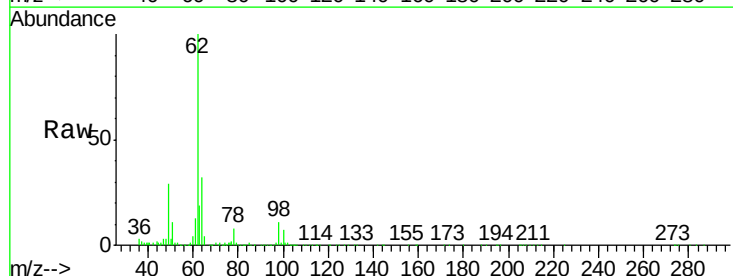
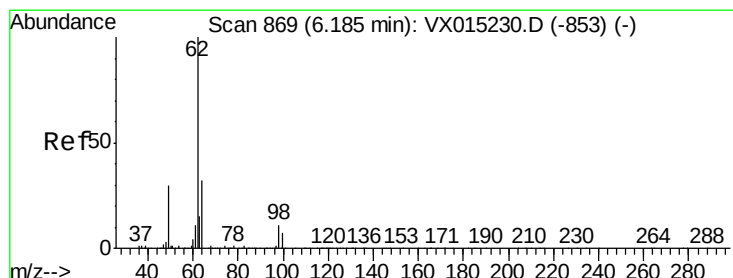
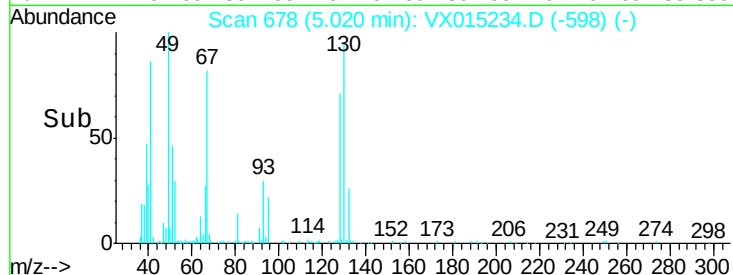
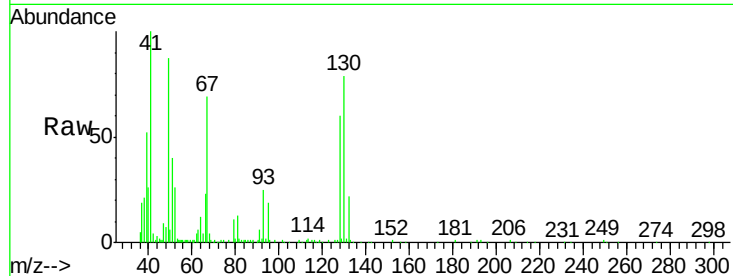
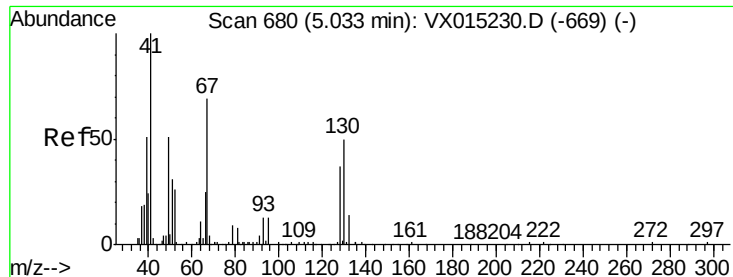
MMDadoda
3/16/2020 11:43:43 AM



#34
Benzene
Concen: 19.725 ug/l
RT: 6.13 min Scan# 860
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

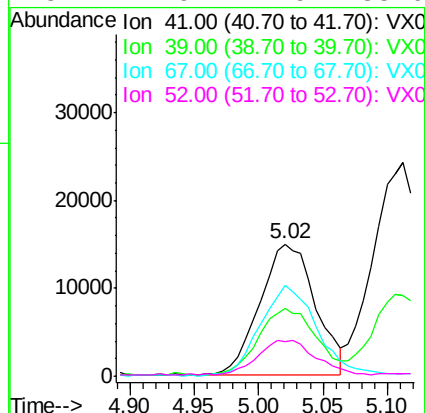
Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	19.1	28.7
51	17.1	13.4	20.2





#35
Methacrylonitrile
Concen: 19.488 ug/l
RT: 5.02 min Scan# 678
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tot Ion	41	Resp	44369
Ion Ratio	Lower	Upper	
41	100		
39	51.2	25.7	77.1
67	68.8	34.3	102.8
52	24.9	12.9	38.6



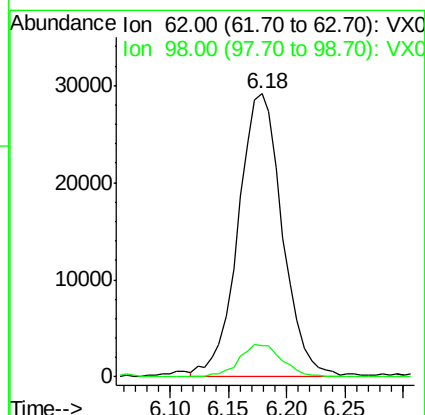
Instrument :
MSVOA_X
ClientSampleId :
ICVX031220

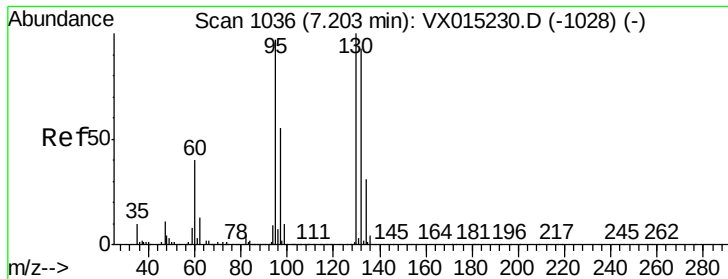
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#36
1,2-Dichloroethane
Concen: 19.285 ug/l
RT: 6.18 min Scan# 868
Delta R.T. -0.19 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	62	Resp	76651
Ion Ratio	Lower	Upper	
62	100		
98	11.4	8.4	12.6





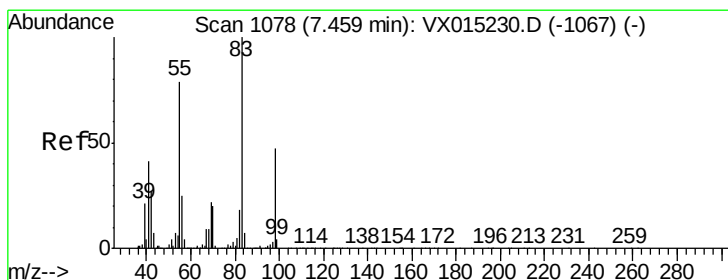
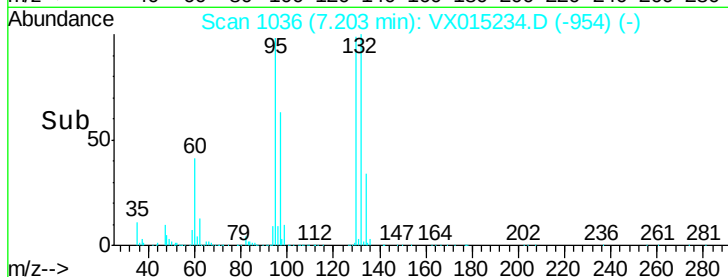
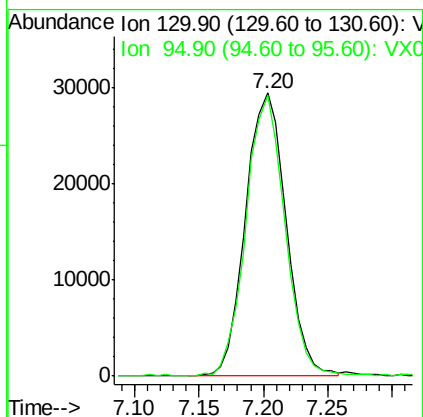
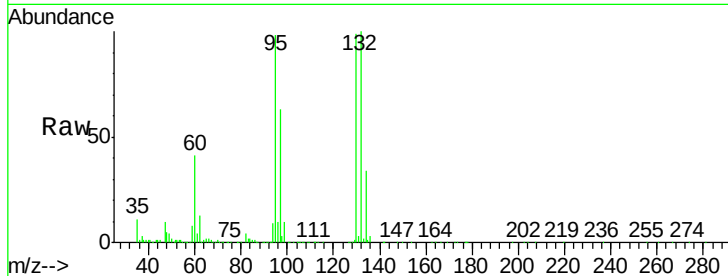
#37
 Trichloroethene
 Concen: 19.526 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion:130 Resp: 64349
 Ion Ratio Lower Upper
 130 100
 95 99.0 77.4 116.0

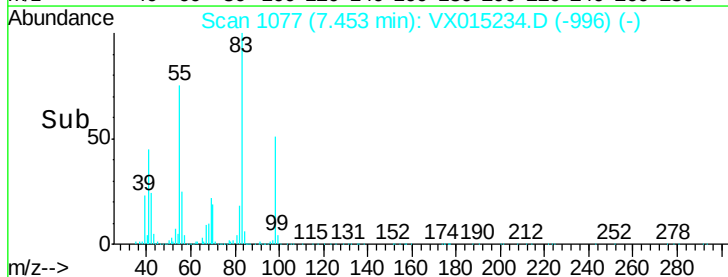
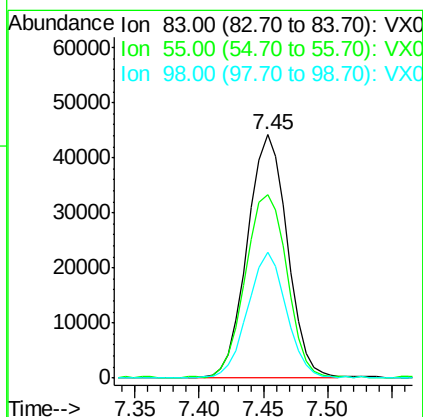
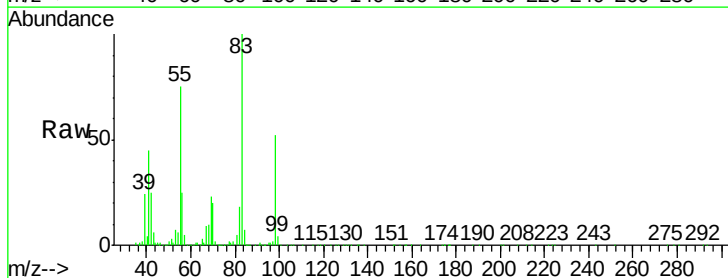
Manual Integrations
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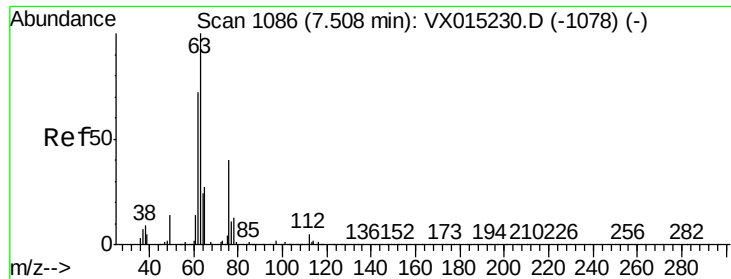
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 3/16/2020 11:43:43 AM



#38
 Methylcyclohexane
 Concen: 19.943 ug/l
 RT: 7.45 min Scan# 1077
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion: 83 Resp: 95286
 Ion Ratio Lower Upper
 83 100
 55 77.4 39.1 117.2
 98 50.2 24.4 73.2





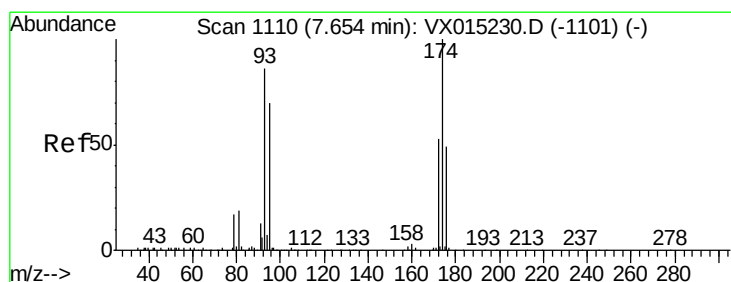
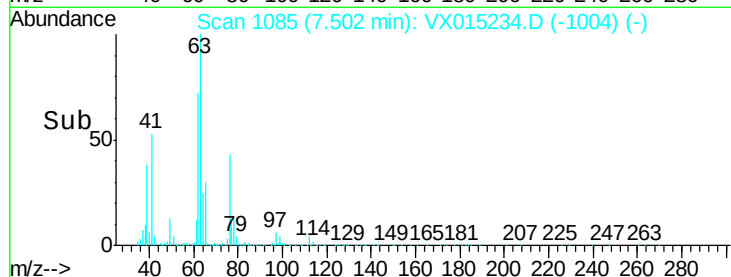
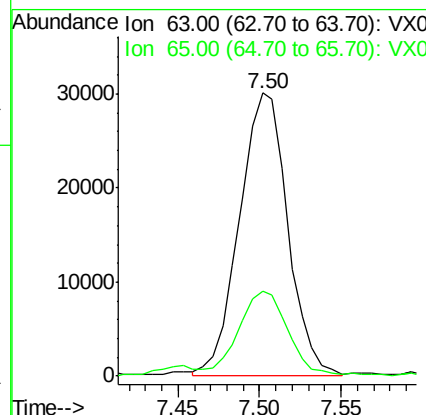
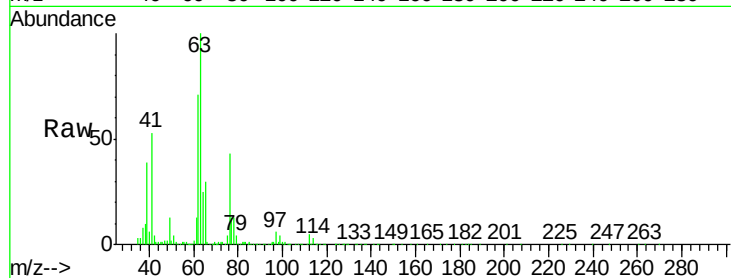
#39
 1,2-Dichloropropane
 Concen: 20.133 ug/l
 RT: 7.50 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.8	23.2	34.8

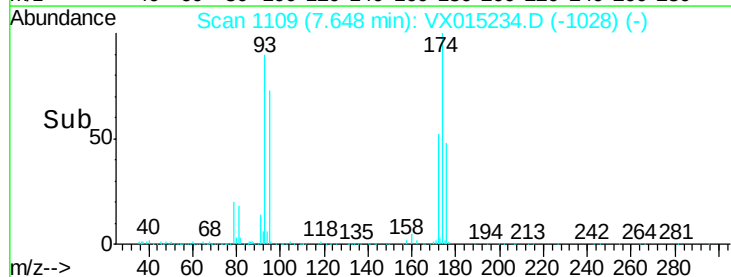
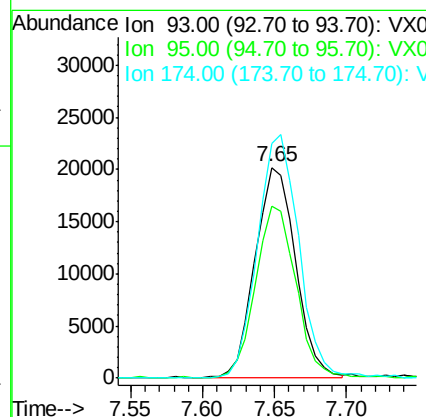
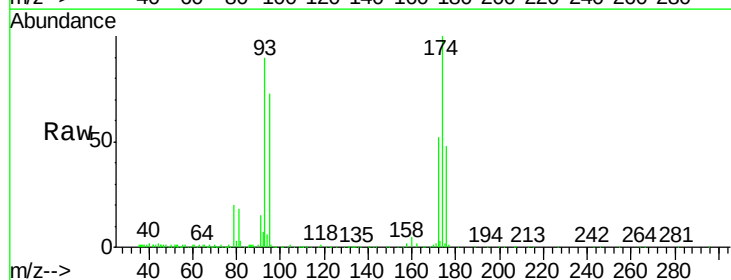
Manual Integrations
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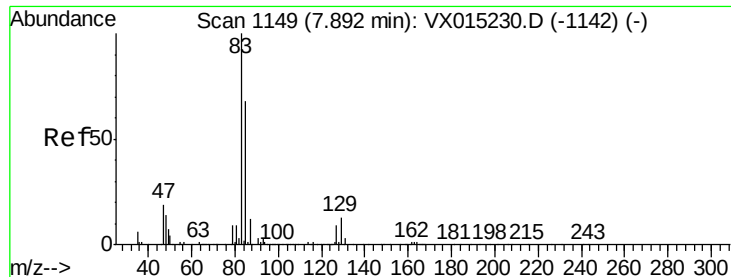
MMDadoda
 3/16/2020 11:43:43 AM



#40
 Dibromomethane
 Concen: 20.131 ug/l
 RT: 7.65 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	81.3	0.0	162.6
174	116.7	0.0	233.6





#41

Bromodichloromethane

Concen: 20.063 ug/l

RT: 7.89 min Scan# 1148

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

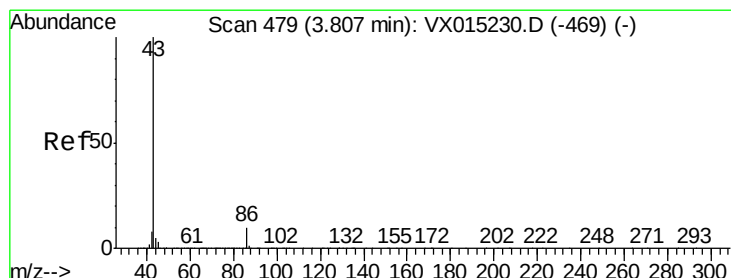
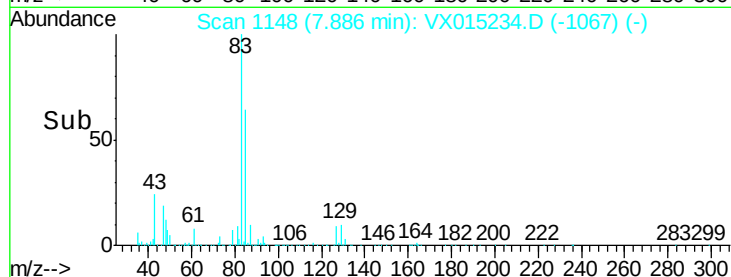
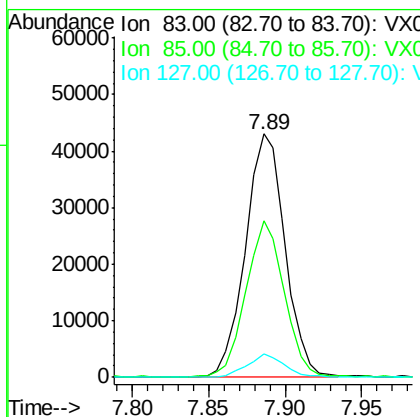
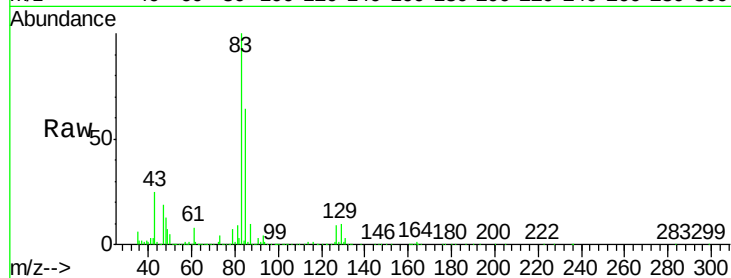
ClientSampleId :

ICVVX031220

Tot Ion:	83	Resp:	77634
Ion Ratio	Lower	Upper	
83	100		
85	63.7	54.2	81.4
127	9.5	7.1	10.7

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



#42

Vinyl Acetate

Concen: 98.058 ug/l

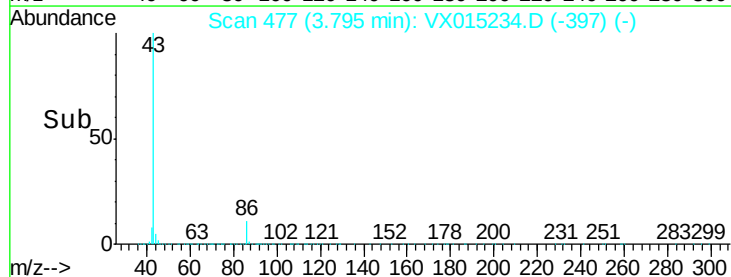
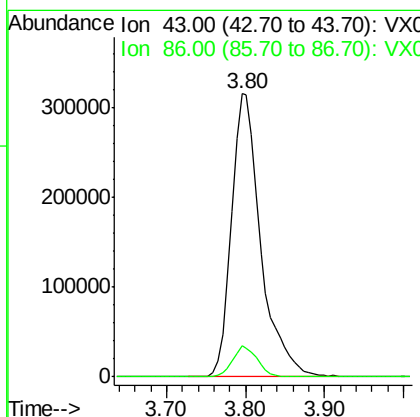
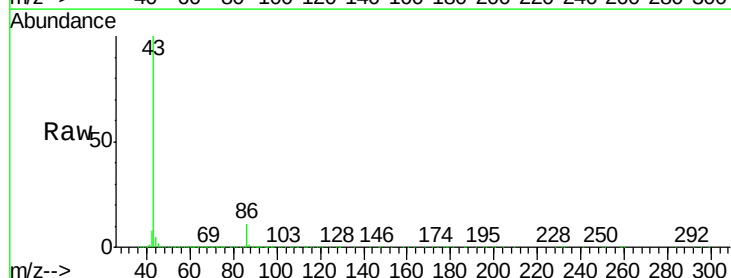
RT: 3.80 min Scan# 477

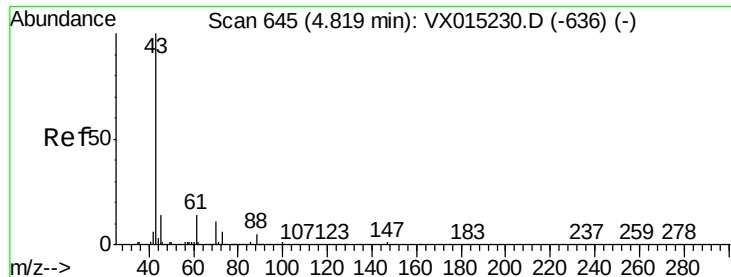
Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	43	Resp:	814324
Ion Ratio	Lower	Upper	
43	100		
86	9.4	7.4	11.2





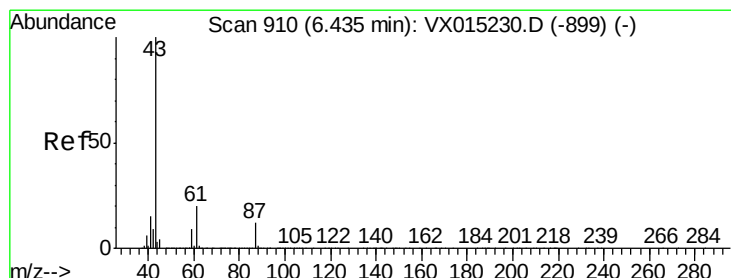
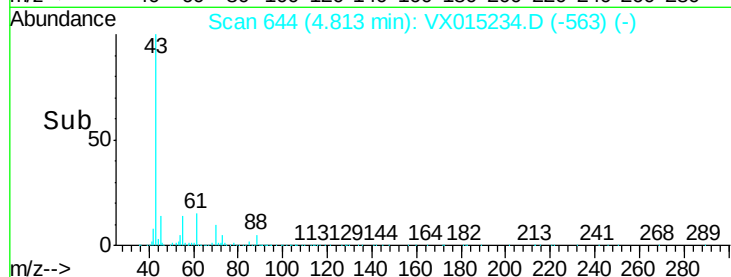
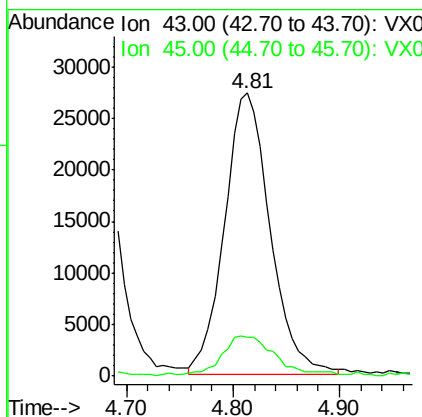
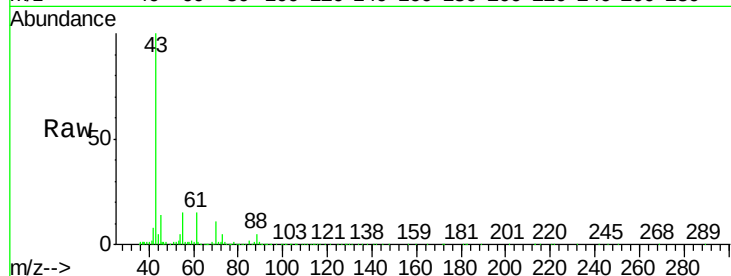
#43
Ethyl Acetate
Concen: 20.421 ug/l
RT: 4.81 min Scan# 644
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion: 43 Resp: 81593
Ion Ratio Lower Upper
43 100
45 14.9 11.7 17.5

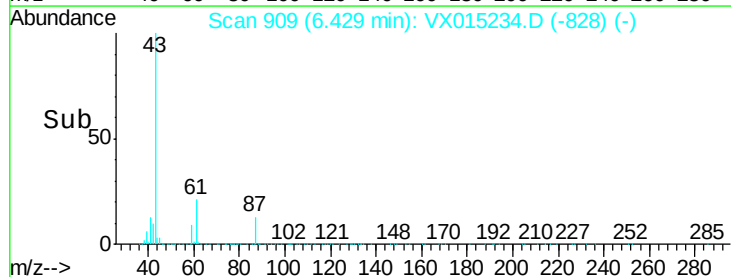
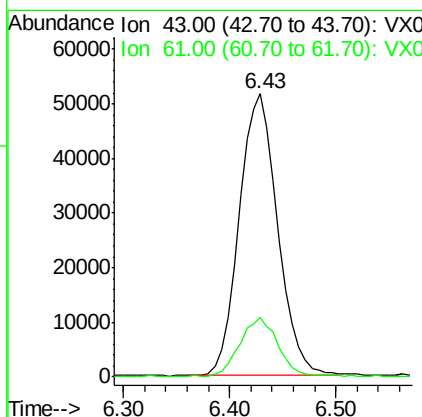
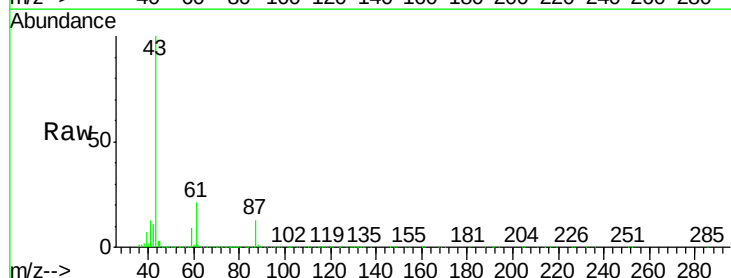
Manual Integrations
APPROVED

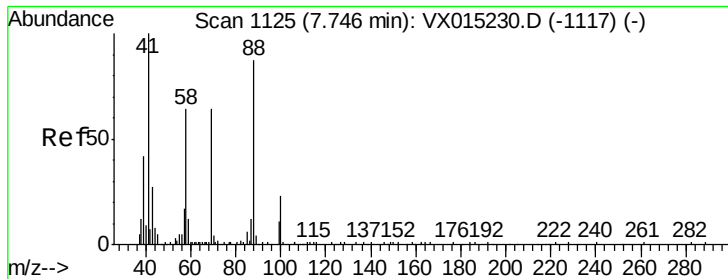
MMDadoda
3/16/2020 11:43:43 AM



#44
Isopropyl Acetate
Concen: 19.379 ug/l
RT: 6.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion: 43 Resp: 130972
Ion Ratio Lower Upper
43 100
61 20.7 17.0 25.4





#45

1,4-Dioxane

Concen: 434.913 ug/l

RT: 7.74 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

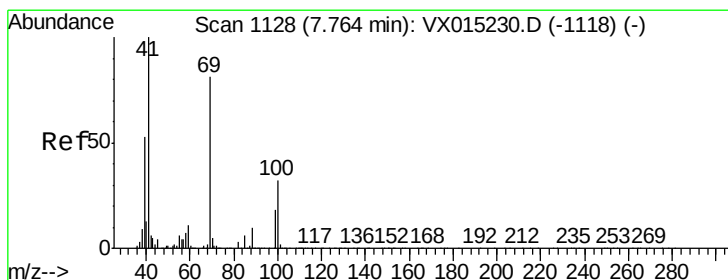
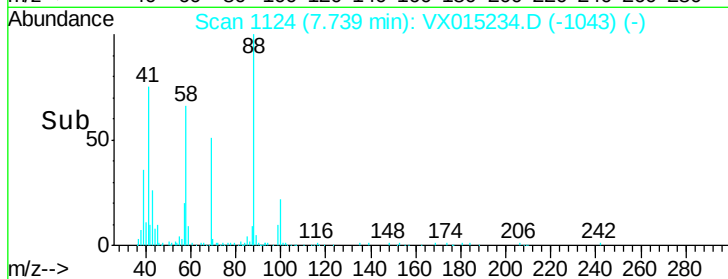
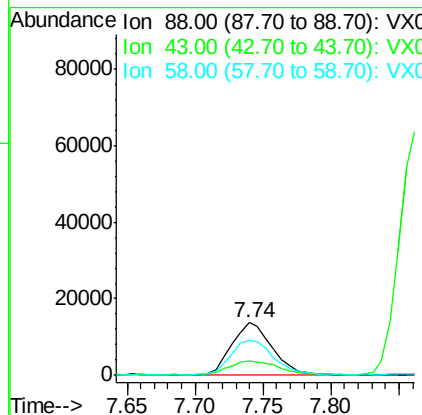
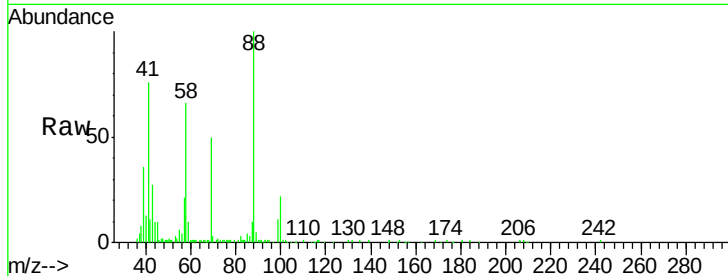
ClientSampleId :

ICVVX031220

Tot Ion:	88	Resp:	28868
Ion	Ratio	Lower	Upper
88	100		
43	29.7	26.4	39.6
58	69.4	57.3	85.9

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



#46

Methyl methacrylate

Concen: 19.638 ug/l

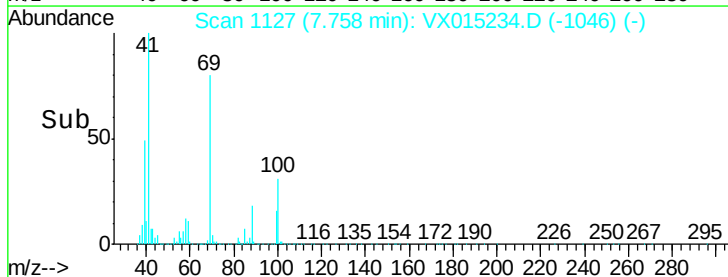
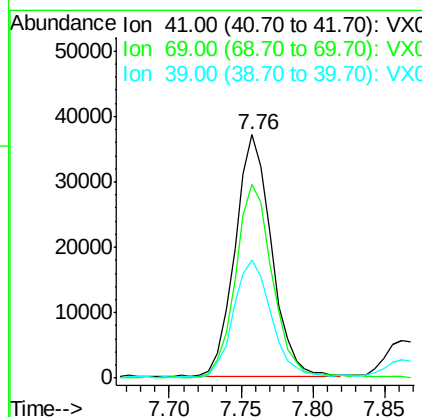
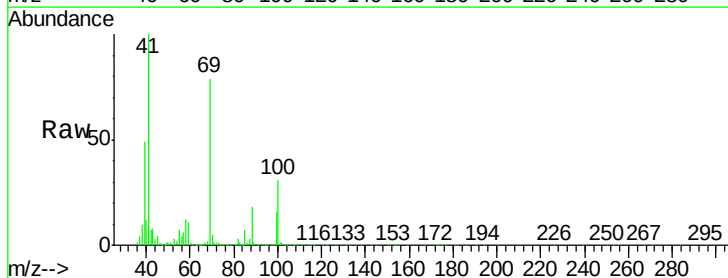
RT: 7.76 min Scan# 1127

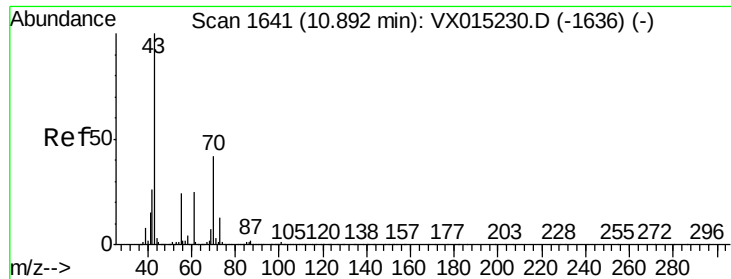
Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	41	Resp:	65443
Ion	Ratio	Lower	Upper
41	100		
69	79.4	40.5	121.4
39	48.2	26.6	79.8





#47

n-amvl Acetate

Concen: 18.553 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 43 Resp: 112510

Ion Ratio Lower Upper

43 100

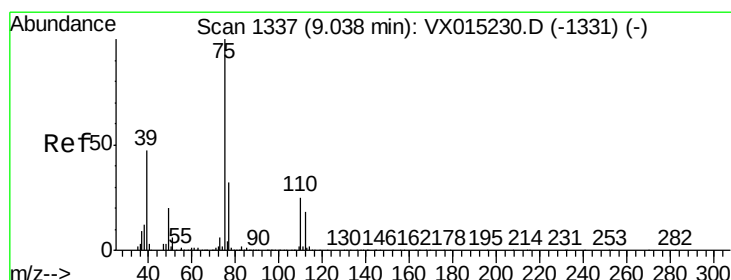
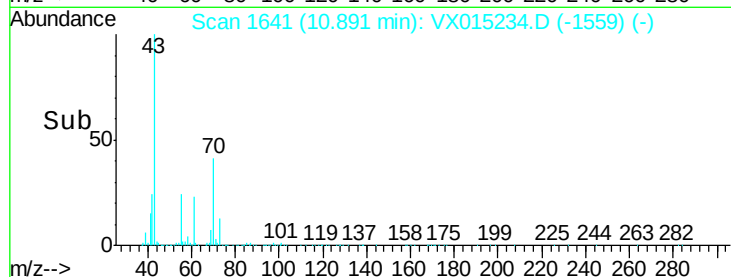
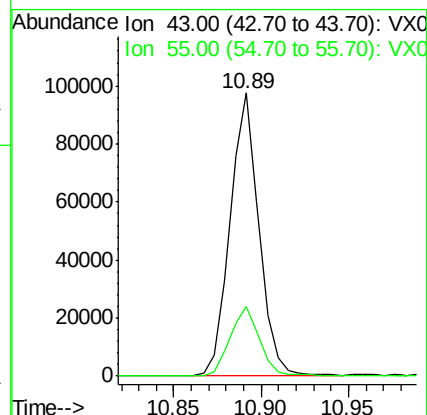
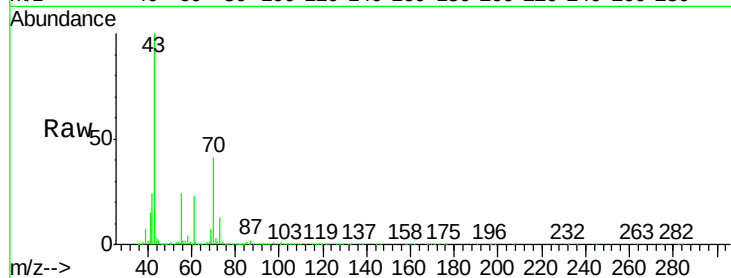
55 24.3 20.4 30.6

Manual Integrations

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3/16/2020 11:43:43 AM



#48

t-1,3-Dichloropropene

Concen: 21.803 ug/l

RT: 9.03 min Scan# 1336

Delta R.T. -0.01 min

Lab File: VX015234.D

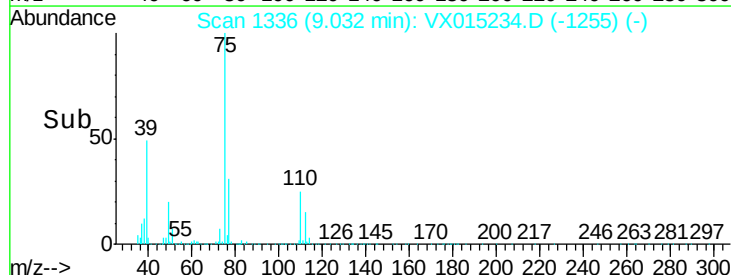
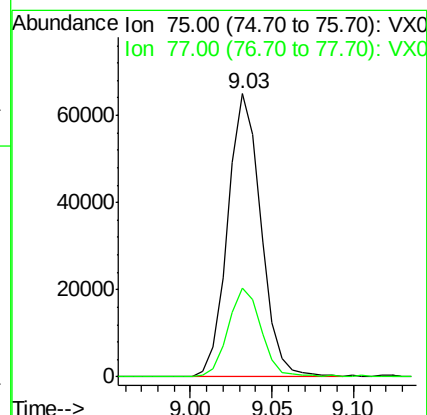
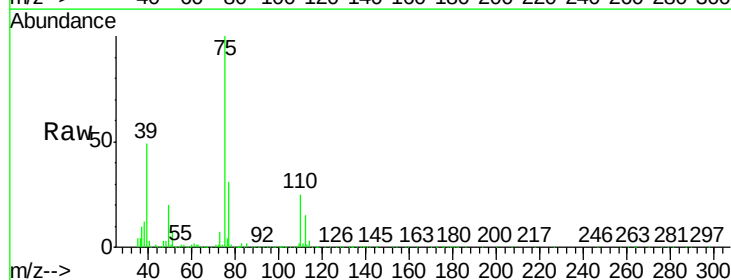
Acq: 12 Mar 2020 14:35

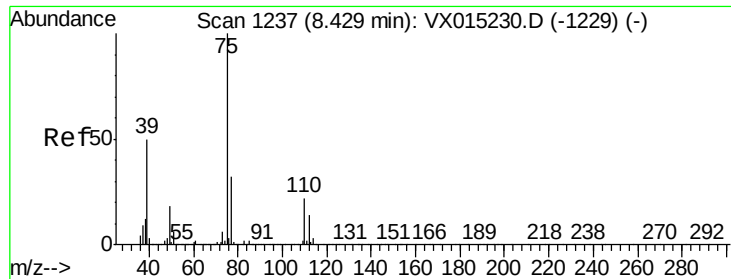
Tgt Ion: 75 Resp: 91738

Ion Ratio Lower Upper

75 100

77 31.2 25.1 37.7





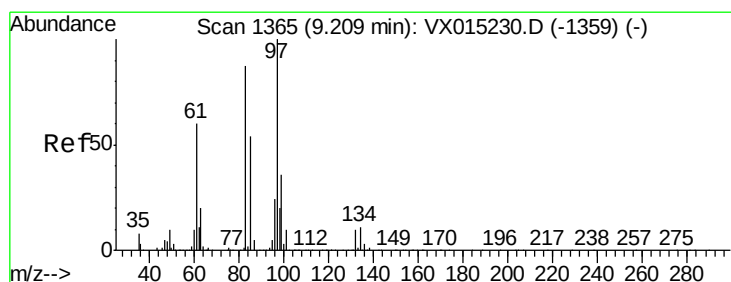
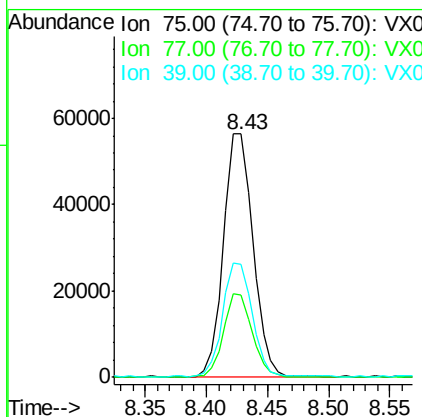
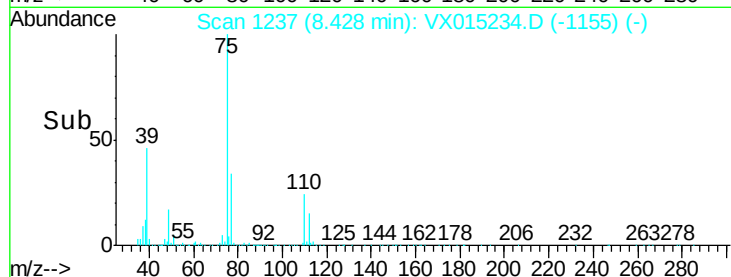
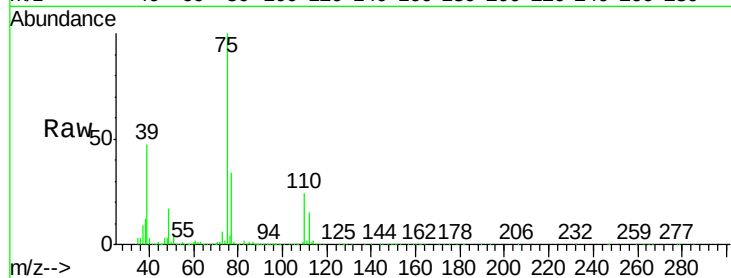
#49
 cis-1,3-Dichloropropene
 Concen: 19.874 ug/l
 RT: 8.43 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion:	75	Resp:	94964
Ion Ratio	Lower	Upper	
75	100		
77	34.0	25.3	37.9
39	46.5	39.8	59.6

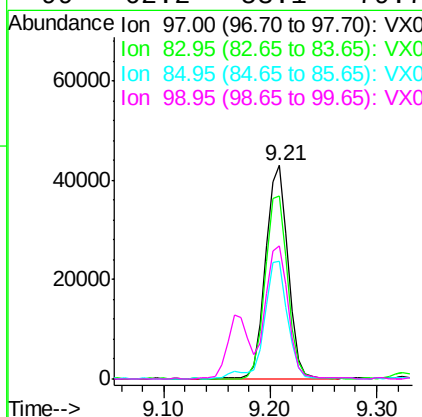
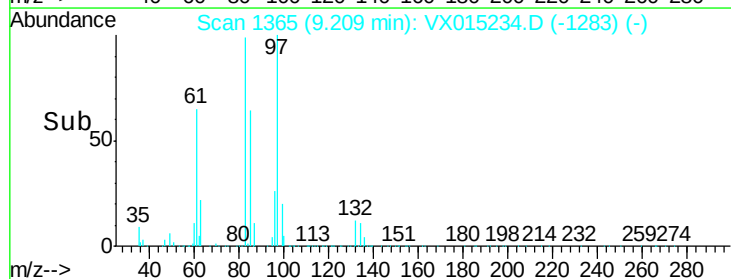
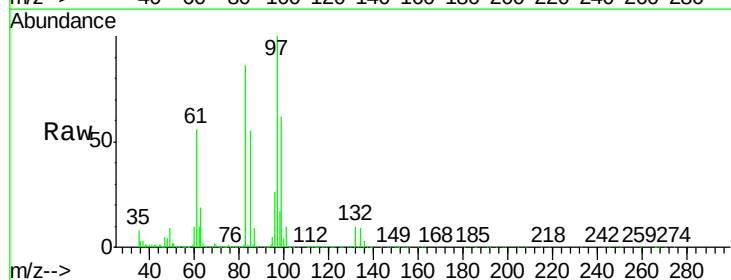
Manual Integrations
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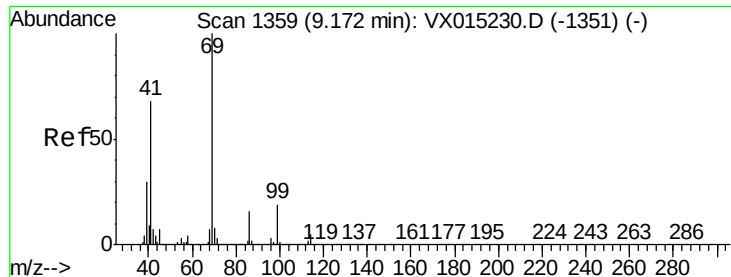
MMDadoda
 3/16/2020 11:43:43 AM



#50
 1,1,2-Trichloroethane
 Concen: 22.073 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion:	97	Resp:	63852
Ion Ratio	Lower	Upper	
97	100		
83	85.6	69.7	104.5
85	54.7	45.4	68.0
99	62.2	53.1	79.7





#51

Ethyl methacrylate

Concen: 21.291 ug/l

RT: 9.17 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

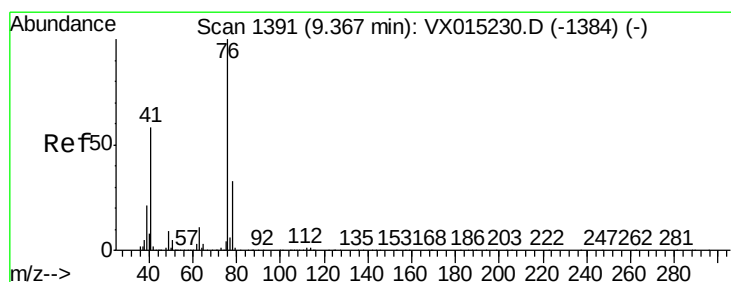
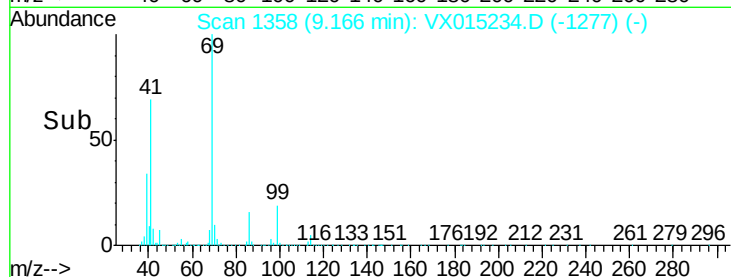
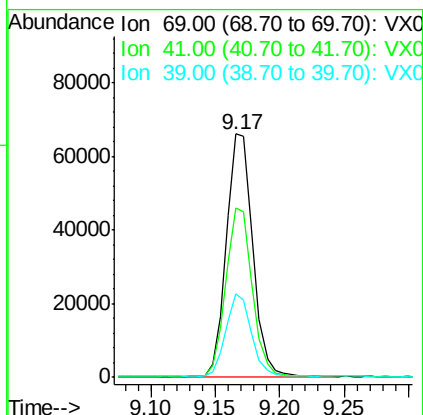
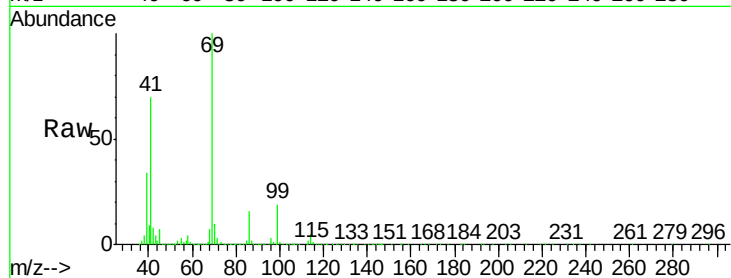
ClientSampleId :

ICVVX031220

Tot Ion:	69	Resp:	96106
Ion Ratio	Lower	Upper	
69	100		
41	69.4	33.8	101.3
39	34.0	15.1	45.3

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



#52

1,3-Dichloropropane

Concen: 22.296 ug/l

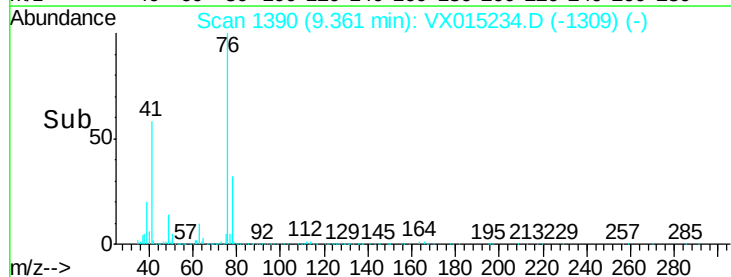
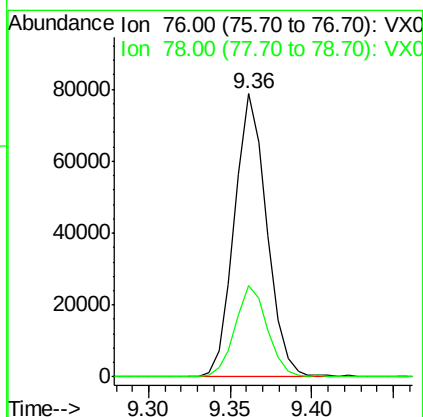
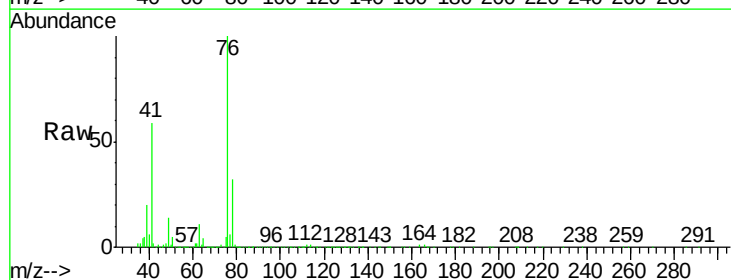
RT: 9.36 min Scan# 1390

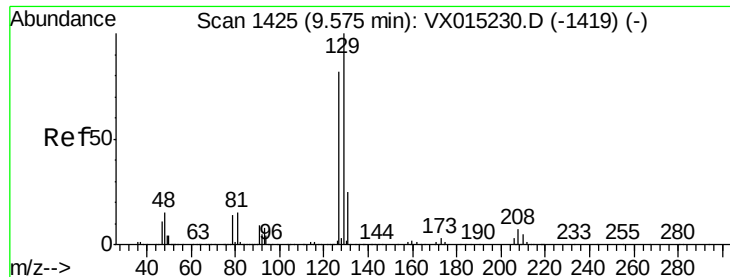
Delta R.T. -0.01 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	76	Resp:	109162
Ion Ratio	Lower	Upper	
76	100		
78	31.9	0.0	65.2





#53

Dibromochloromethane

Concen: 21.794 ug/l

RT: 9.57 min Scan# 1425

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion:129 Resp: 67142

Ion Ratio Lower Upper

129 100

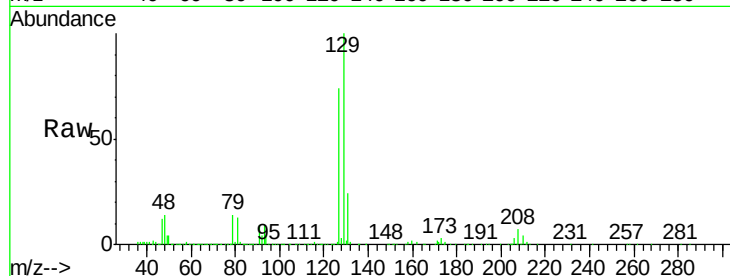
127 75.7 40.4 121.1

Manual Integrations

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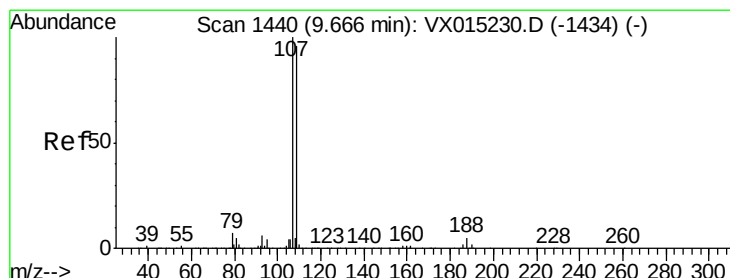
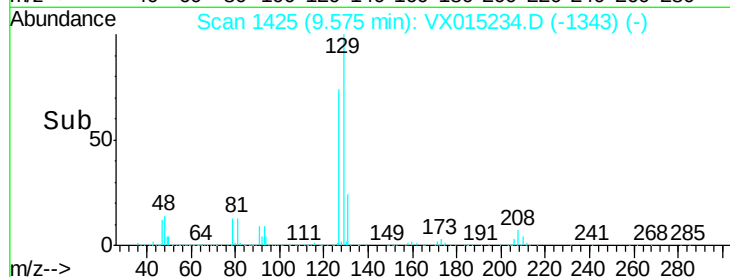
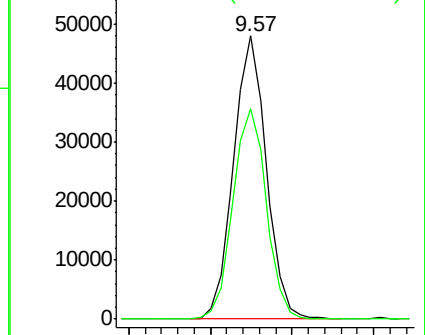
MMDadoda

3/16/2020 11:43:43 AM



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.171 ug/l

RT: 9.67 min Scan# 1440

Delta R.T. -0.00 min

Lab File: VX015234.D

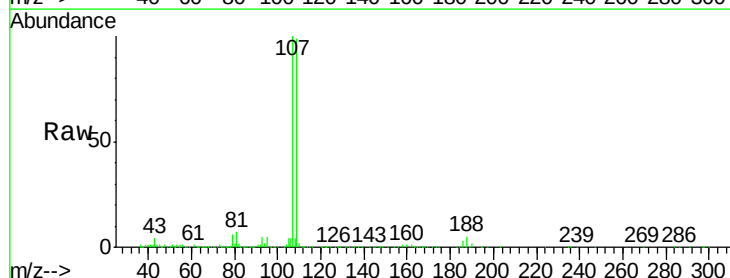
Acq: 12 Mar 2020 14:35

Tgt Ion:107 Resp: 66164

Ion Ratio Lower Upper

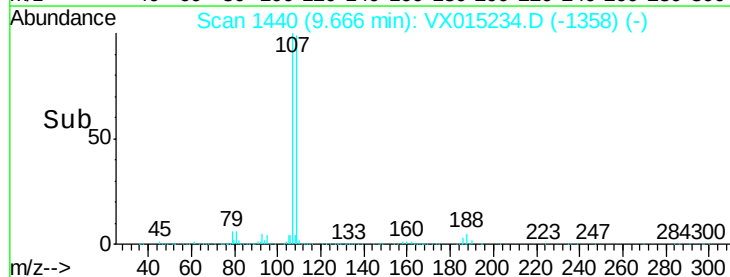
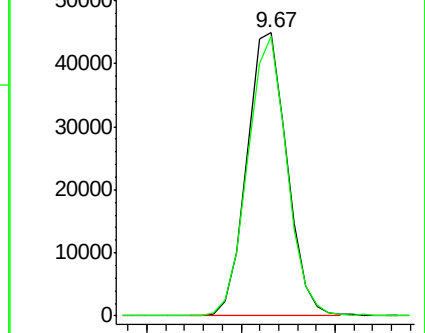
107 100

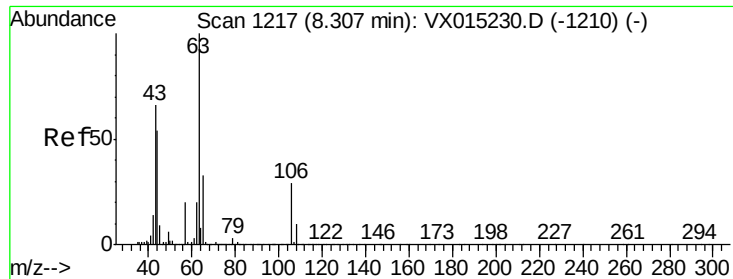
109 96.4 75.0 112.4



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





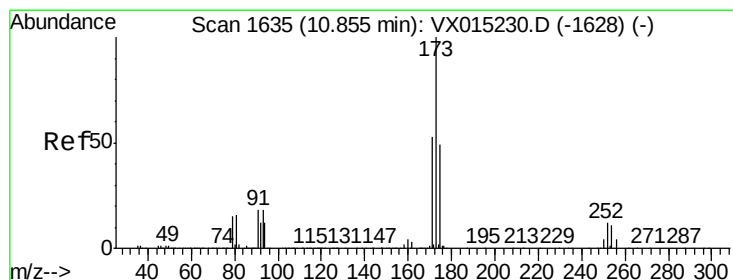
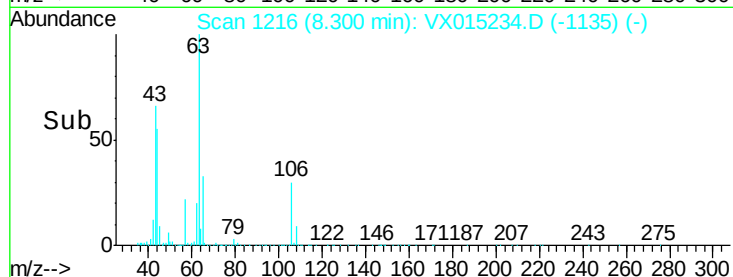
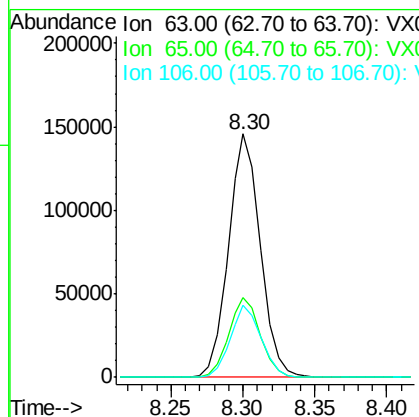
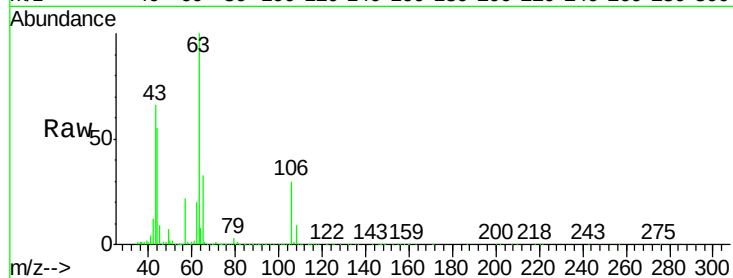
#55
2-Chloroethyl vinyl ether
Concen: 99.232 ug/l
RT: 8.30 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	25.6	38.4
106	28.9	23.0	34.4

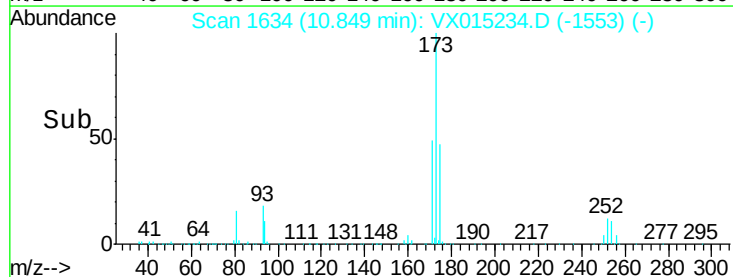
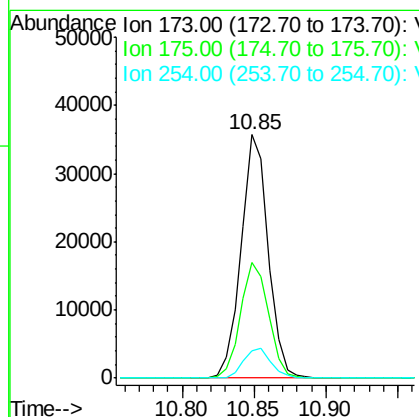
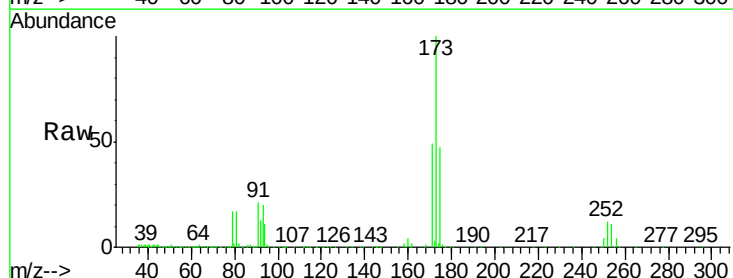
Manual Integrations
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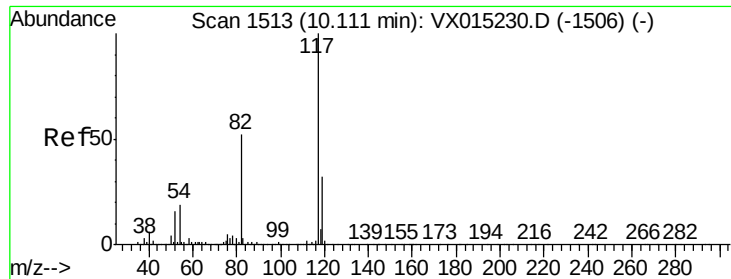
MMDadoda
3/16/2020 11:43:43 AM



#56
Bromoform
Concen: 19.299 ug/l
RT: 10.85 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.4	38.9	58.3
254	12.6	9.1	13.7





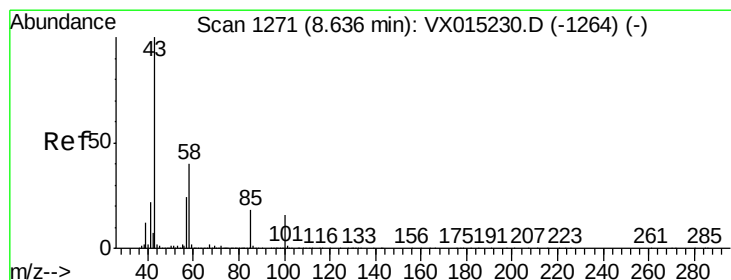
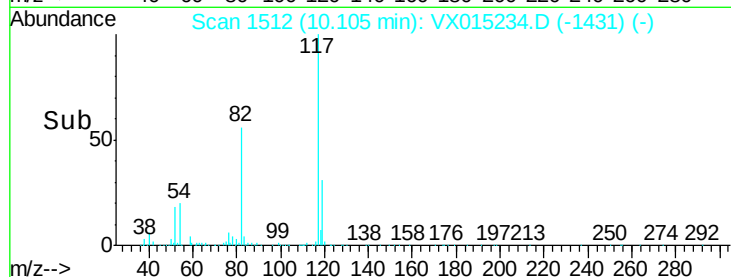
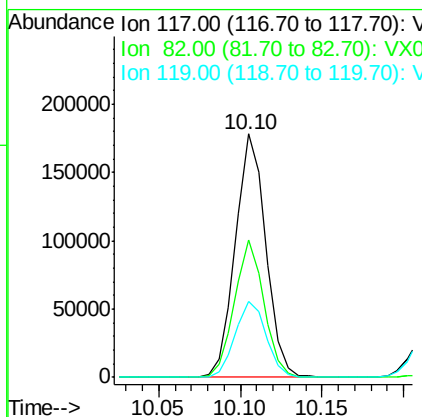
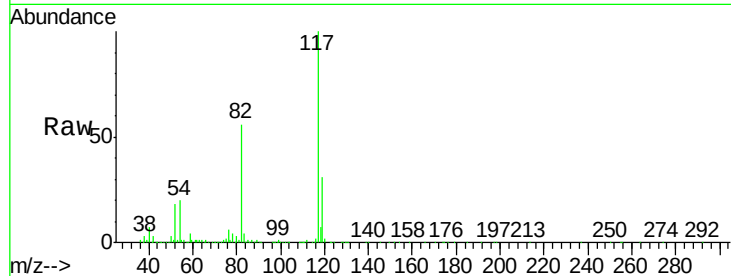
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.2	64.8
119	32.1	25.8	38.8

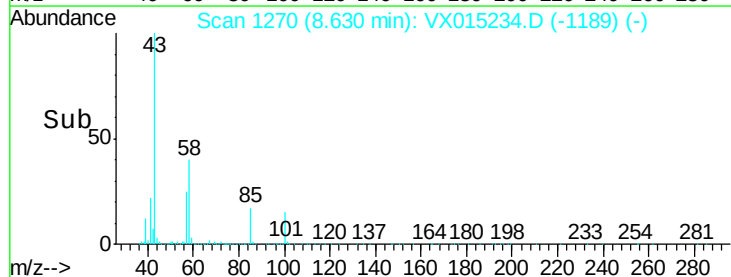
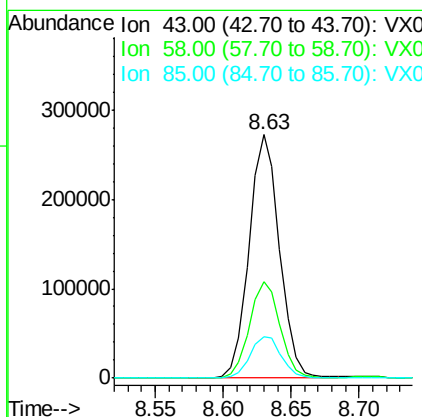
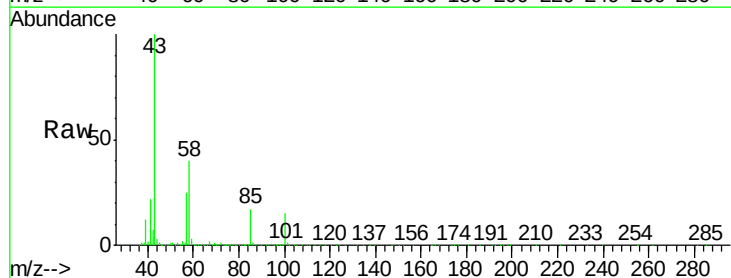
Manual Integrations
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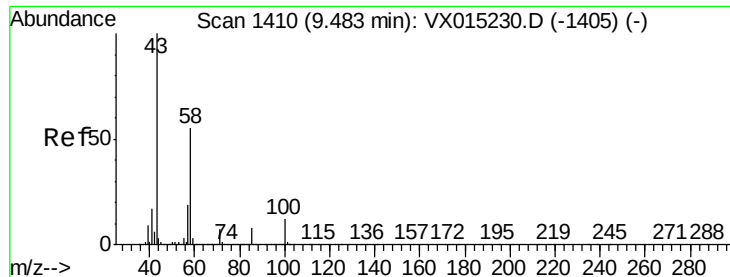
MMDadoda
3/16/2020 11:43:43 AM



#58
4-Methyl-2-Pentanone
Concen: 108.249 ug/l
RT: 8.63 min Scan# 1270
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
43	100		
58	39.7	31.6	47.4
85	17.4	13.8	20.8





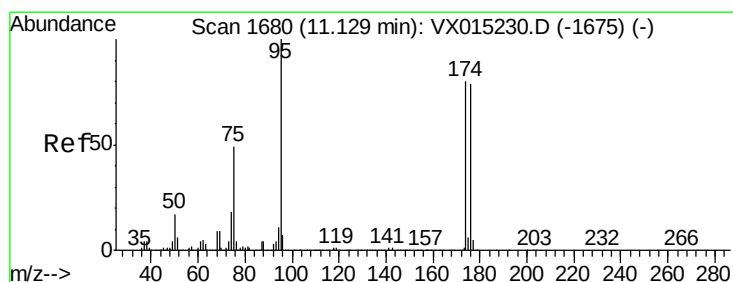
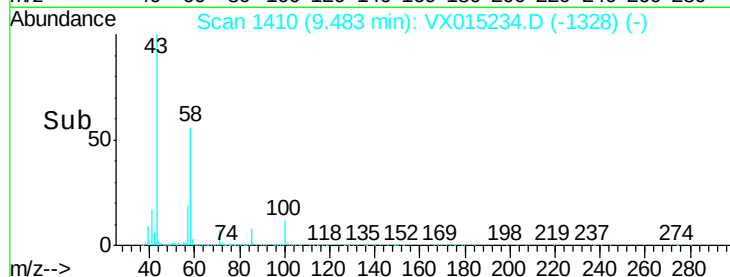
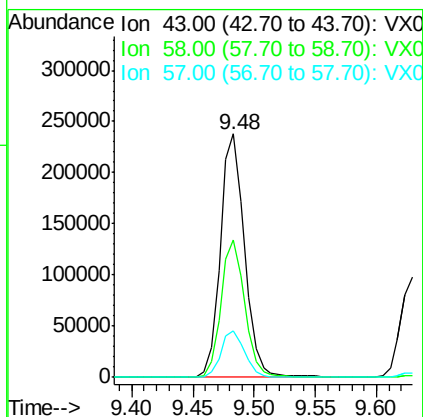
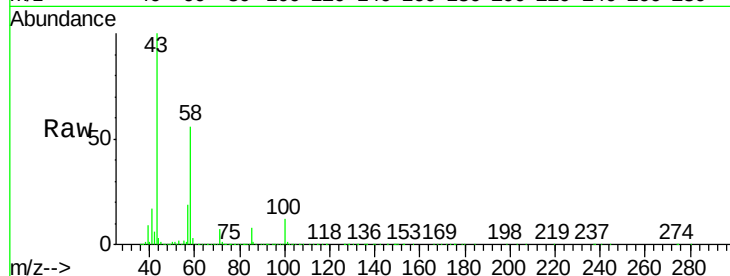
#59
2-Hexanone
Concen: 109.233 ug/l
RT: 9.48 min Scan# 1410
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
43	100		
58	55.4	44.6	66.8
57	19.0	14.6	21.8

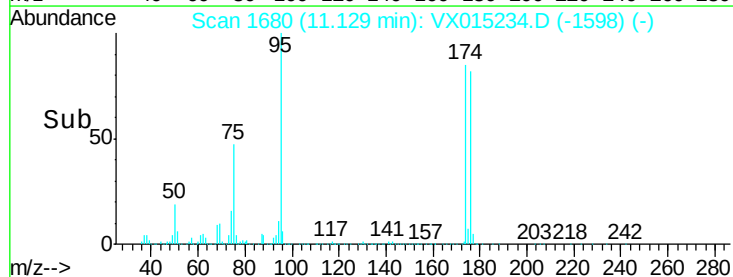
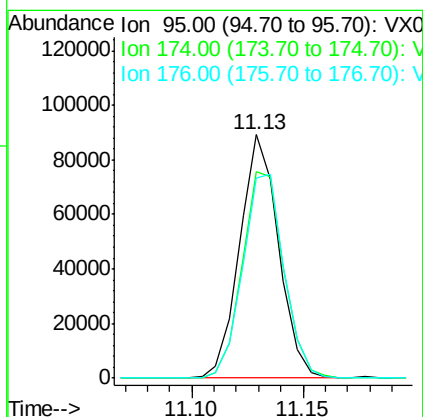
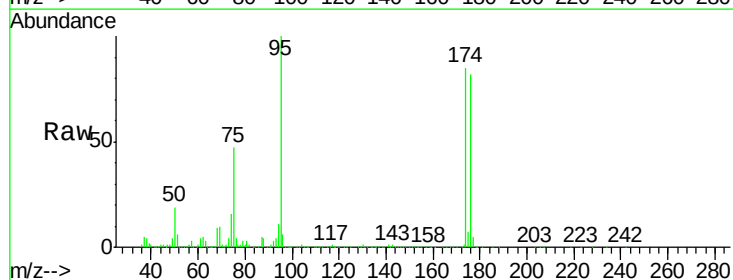
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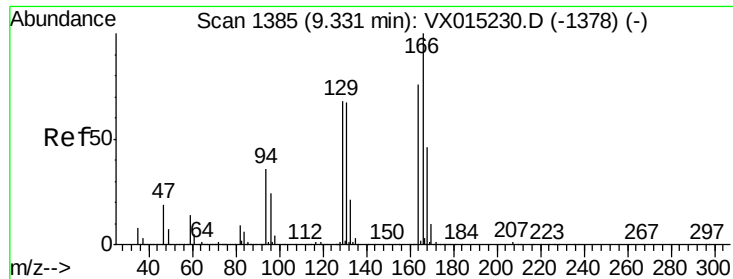
MMDadoda
3/16/2020 11:43:43 AM



#60
4-Bromofluorobenzene
Concen: 29.484 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
95	100		
174	90.5	72.0	108.0
176	89.3	70.1	105.1





#61

Tetrachloroethene

Concen: 21.553 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

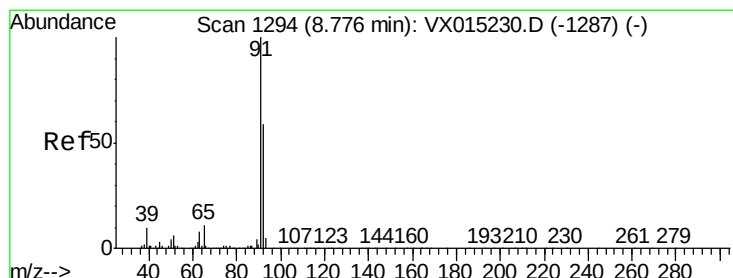
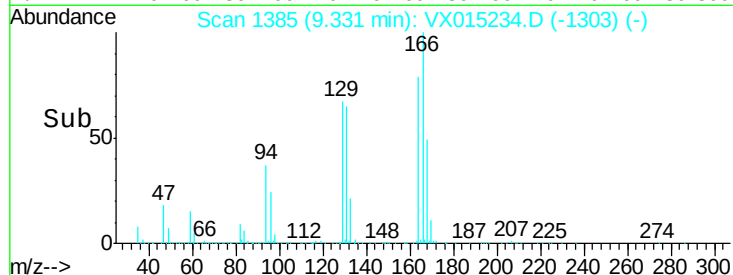
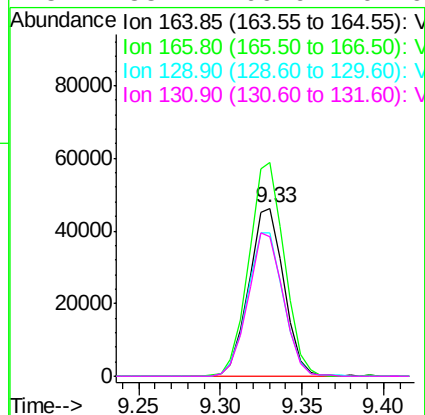
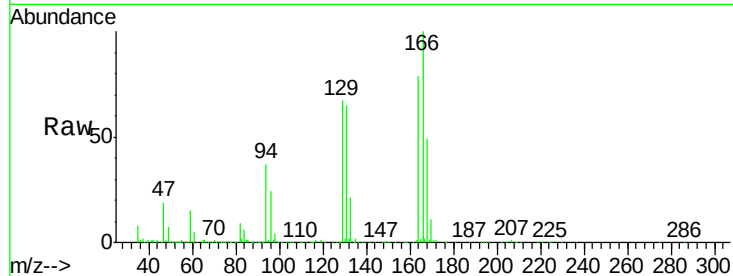
ClientSampleId :

ICVVX031220

Tot Ion:	164	Resp:	69377
Ion	Ratio	Lower	Upper
164	100		
166	127.1	105.1	157.7
129	85.4	71.5	107.3
131	83.2	69.9	104.9

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#62

Toluene

Concen: 22.295 ug/l

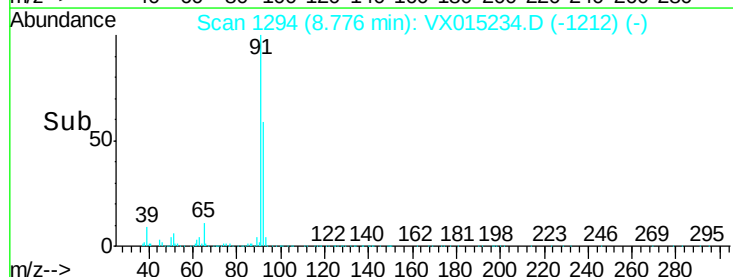
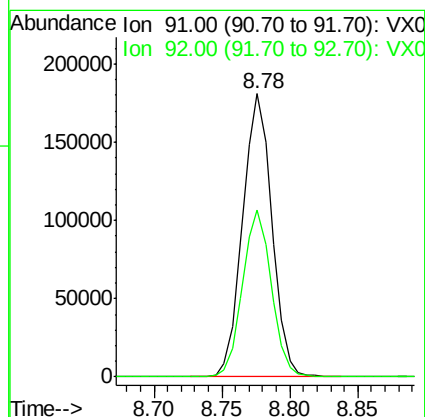
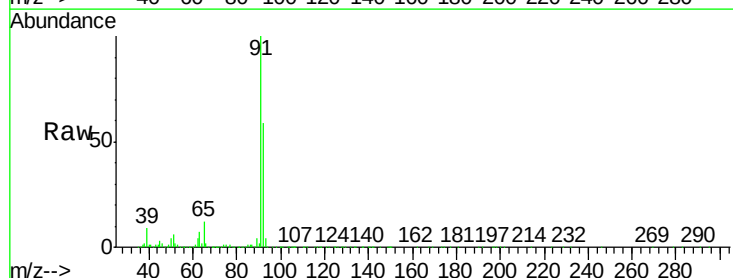
RT: 8.78 min Scan# 1294

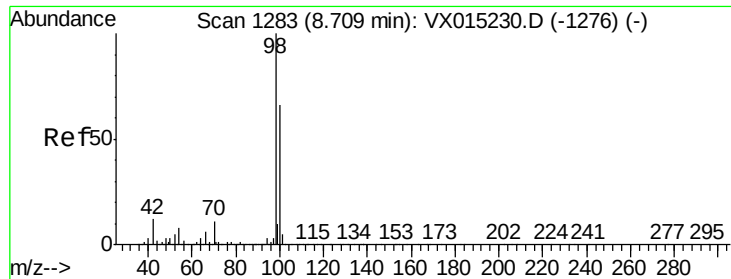
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	91	Resp:	272809
Ion	Ratio	Lower	Upper
91	100		
92	58.1	47.1	70.7





#63

Toluene-d8

Concen: 32.897 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 98 Resp: 325835

Ion Ratio Lower Upper

98 100

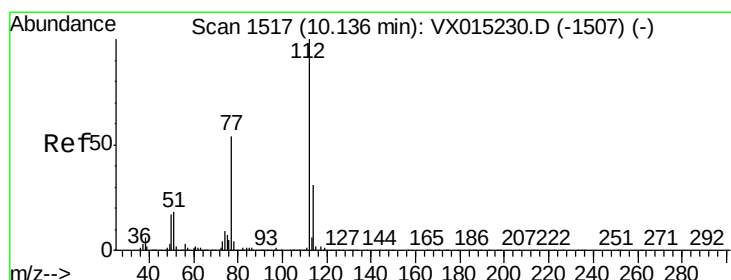
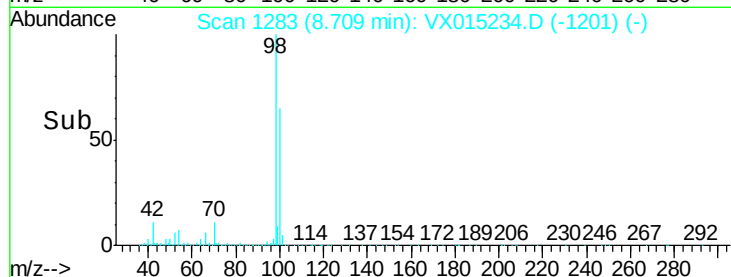
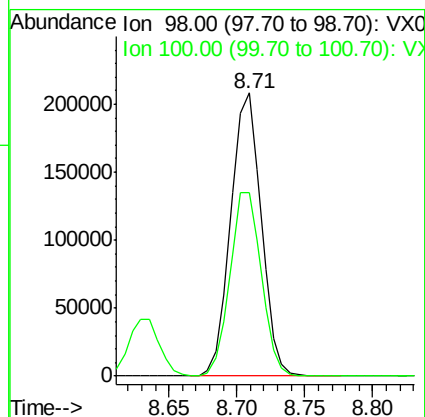
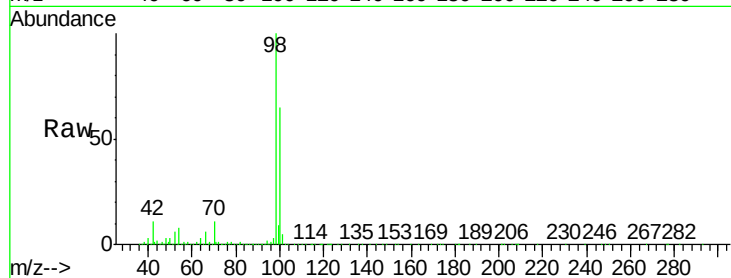
100 66.2 53.0 79.4

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3/16/2020 11:43:43 AM



#64

Chlorobenzene

Concen: 19.912 ug/l

RT: 10.13 min Scan# 1516

Delta R.T. -0.01 min

Lab File: VX015234.D

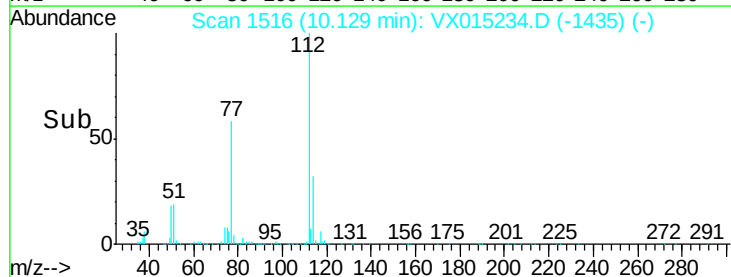
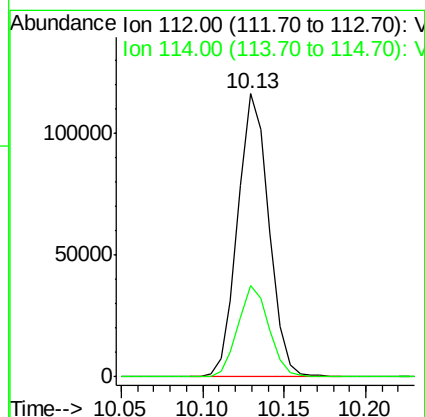
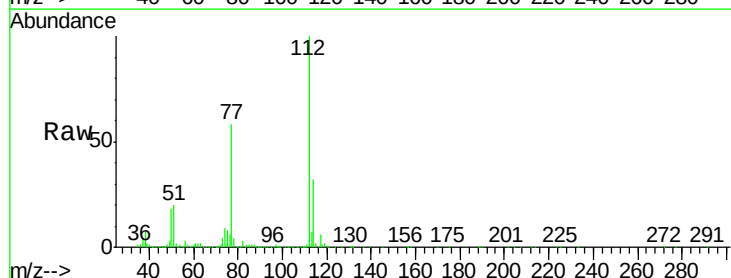
Acq: 12 Mar 2020 14:35

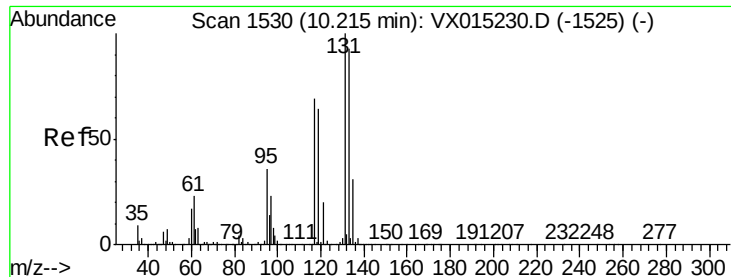
Tgt Ion: 112 Resp: 155686

Ion Ratio Lower Upper

112 100

114 32.4 24.8 37.2





#65

1,1,1,2-Tetrachloroethane

Concen: 20.014 ug/l

RT: 10.21 min Scan# 1530

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

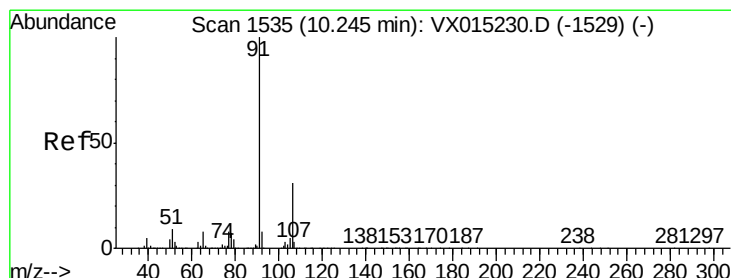
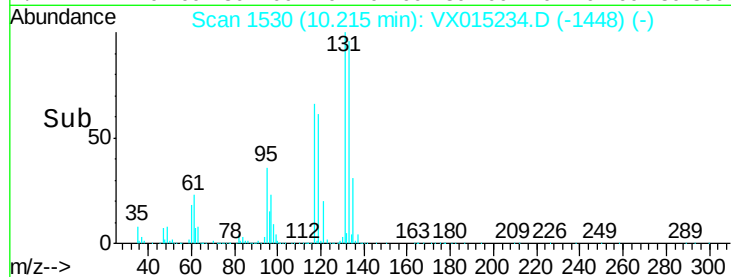
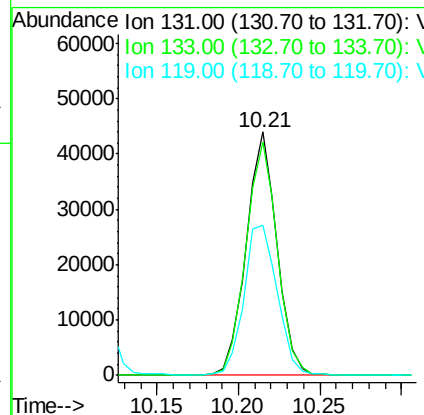
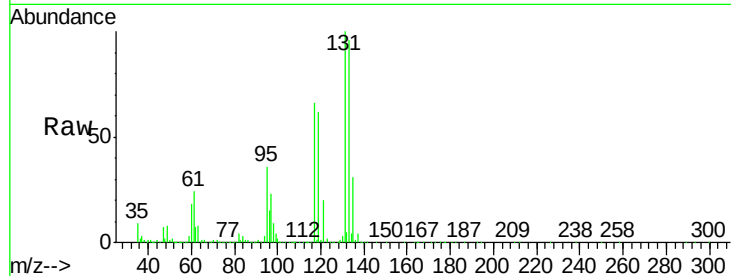
ClientSampleId :

ICVVX031220

Tot Ion	Ratio	Resp	Lower	Upper
131	100	57638		
133	97.8	0.0	188.0	
119	66.7	0.0	131.0	

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#66

Ethyl Benzene

Concen: 20.080 ug/l

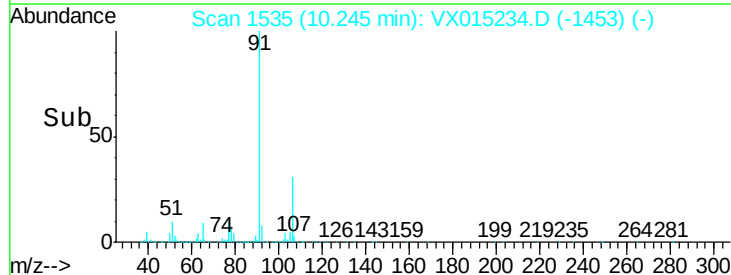
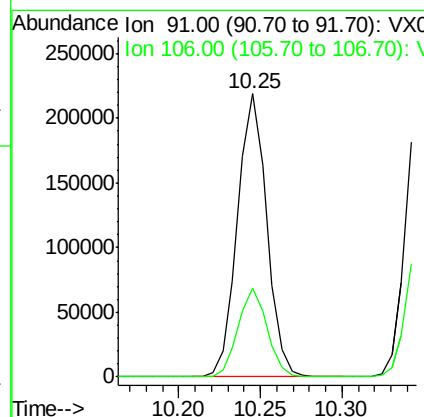
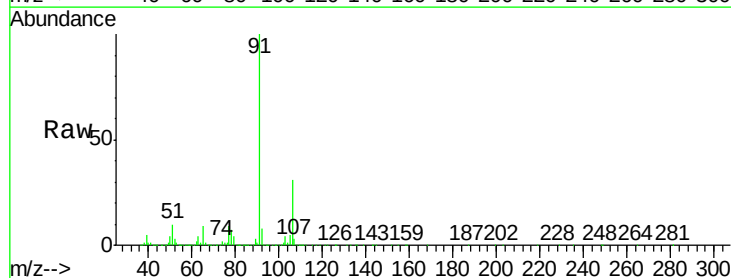
RT: 10.25 min Scan# 1535

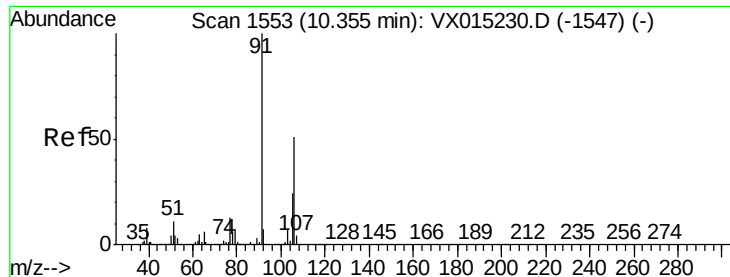
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	273710		
106	31.2	24.9	37.3	





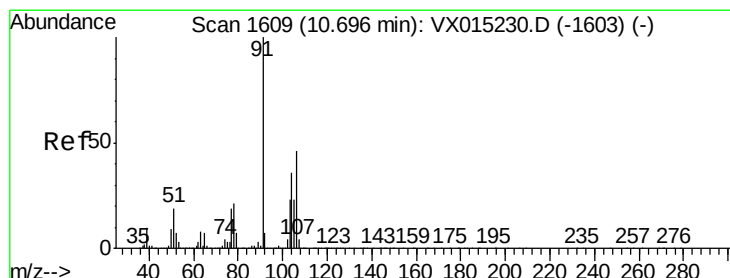
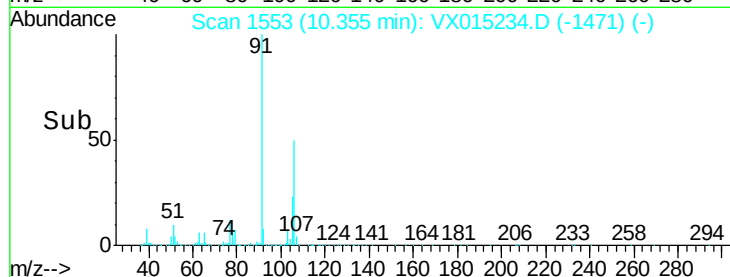
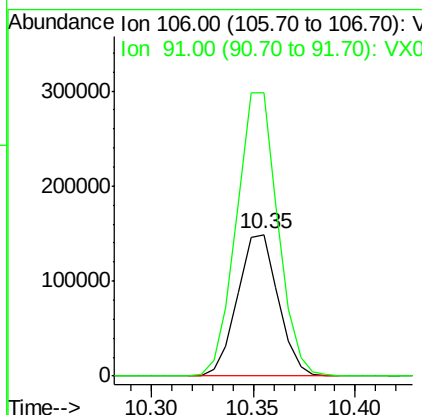
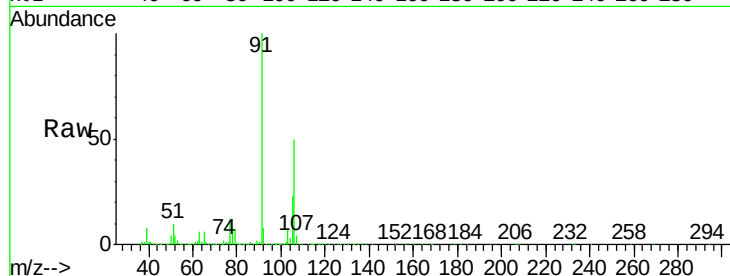
#67
m/p-Xylenes
Concen: 39.620 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.9	160.1	240.1

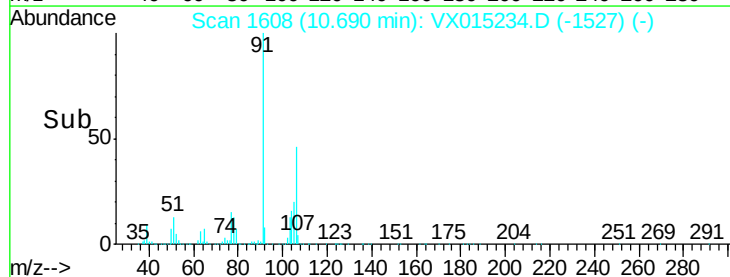
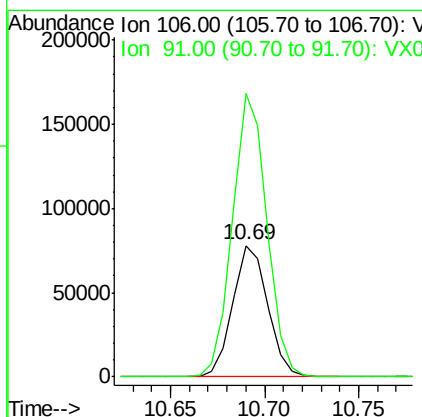
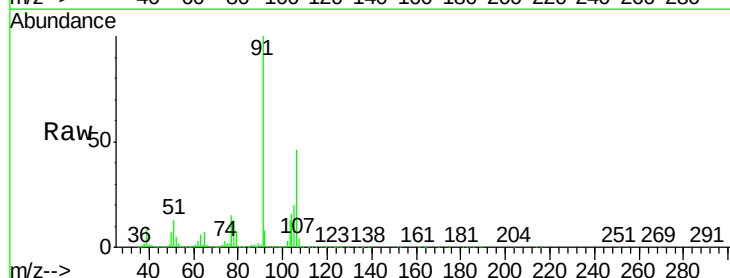
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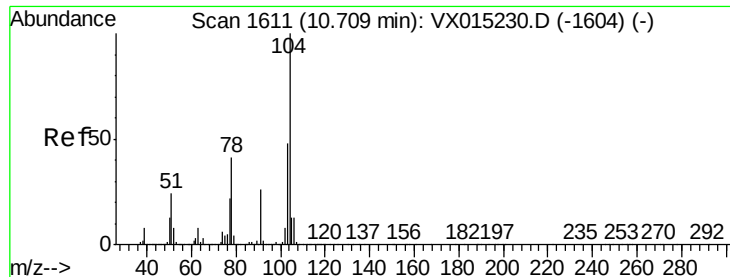
MMDadoda
3/16/2020 11:43:43 AM



#68
o-Xylene
Concen: 19.994 ug/l
RT: 10.69 min Scan# 1608
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
106	100		
91	212.0	106.4	319.2





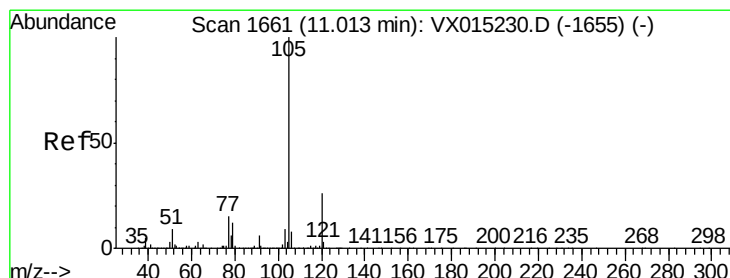
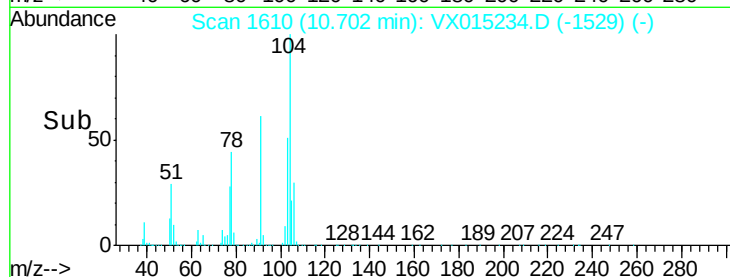
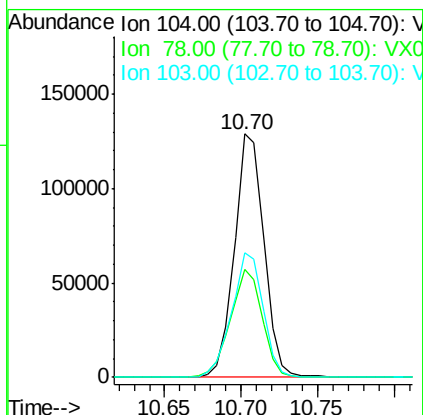
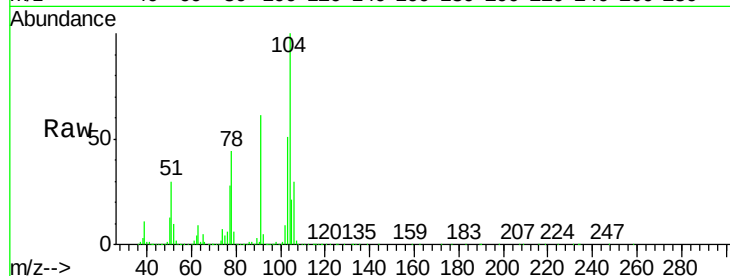
#69
Stvrene
Concen: 19.777 ug/l
RT: 10.70 min Scan# 1610
Delta R.T. -0.01 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
104	100		
78	48.1	38.9	58.3
103	54.3	43.2	64.8

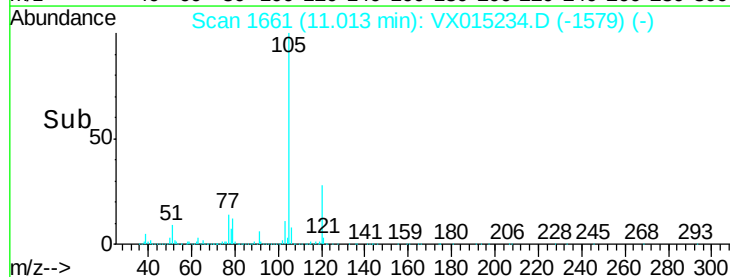
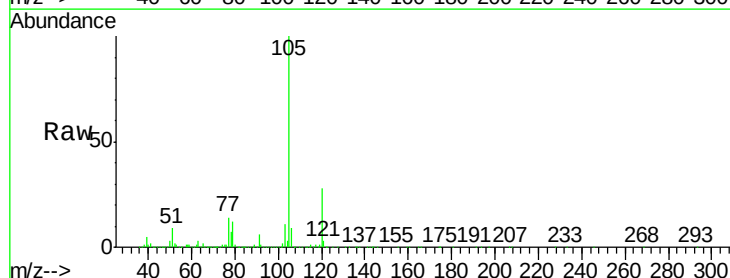
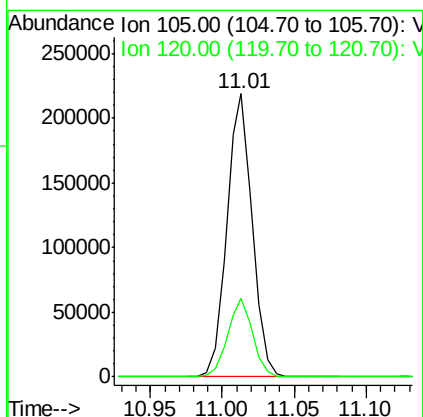
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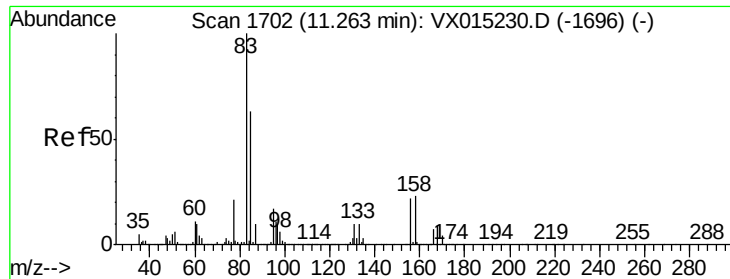
MMDadoda
3/16/2020 11:43:43 AM



#70
Isopropylbenzene
Concen: 20.236 ug/l
RT: 11.01 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
105	100		
120	27.5	18.6	34.6





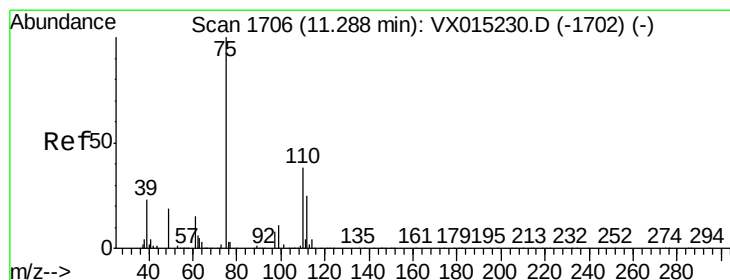
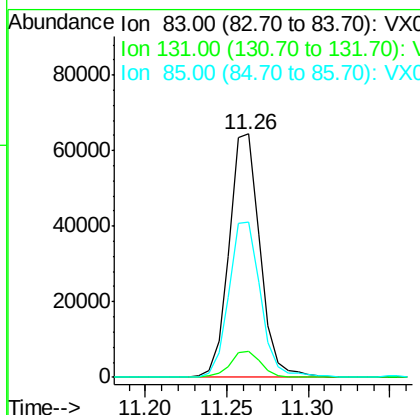
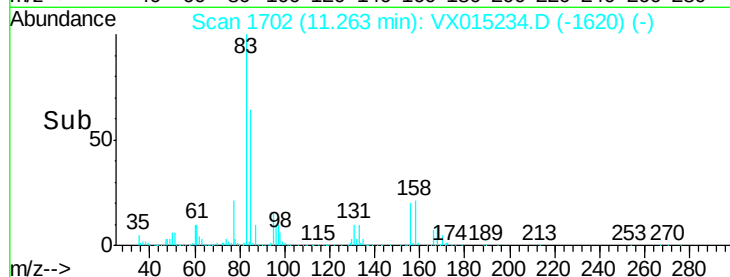
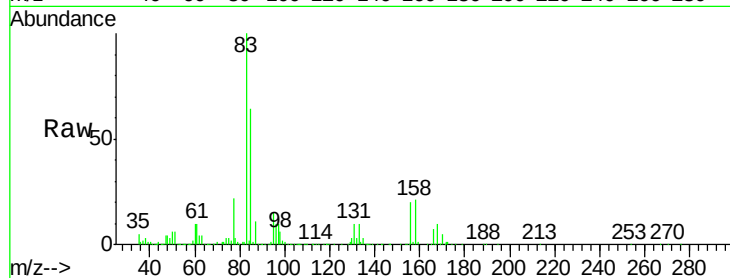
#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.490 ug/l
 RT: 11.26 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
83	100		
131	10.9	5.0	14.9
85	65.9	31.8	95.4

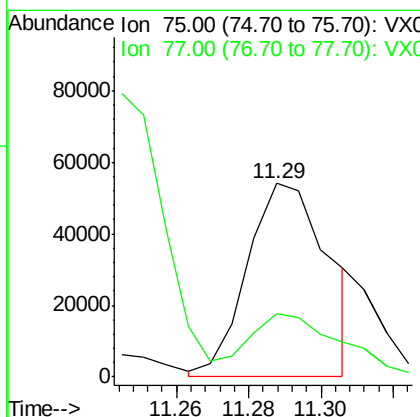
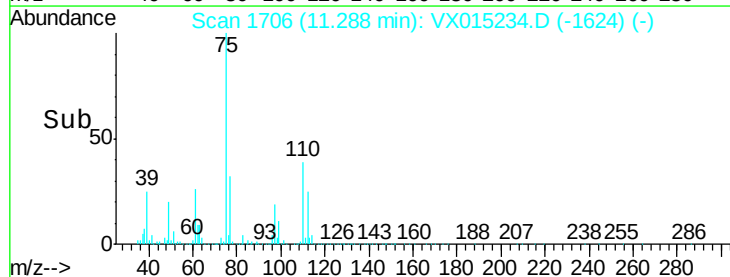
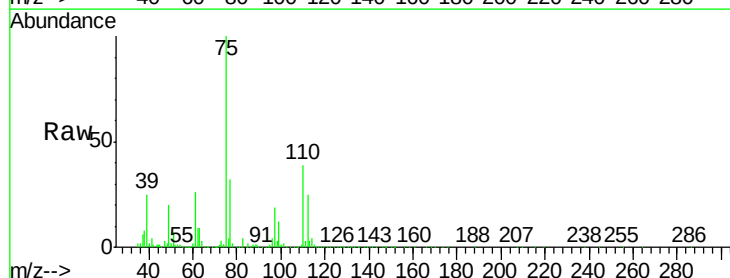
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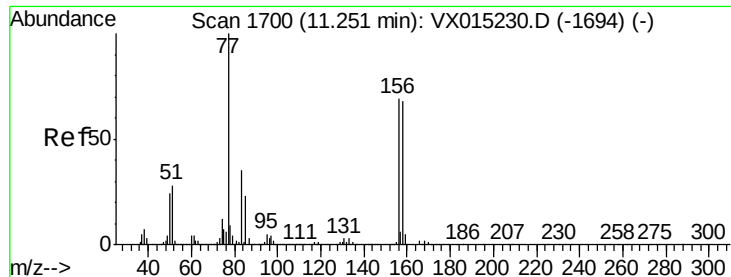
MMDadoda
 3/16/2020 11:43:43 AM



#72
 1,2,3-Trichloropropane
 Concen: 23.695 ug/l m
 RT: 11.29 min Scan# 1706
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
75	100		
77	36.9	0.0	83.0





#73

Bromobenzene

Concen: 19.988 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

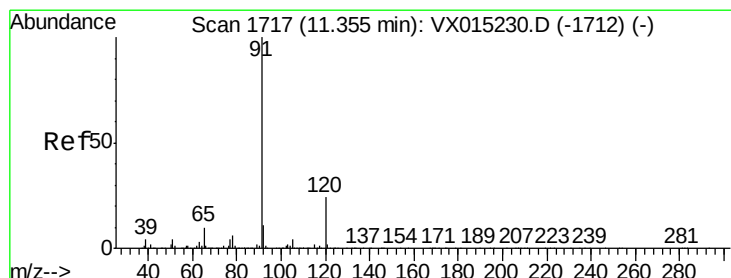
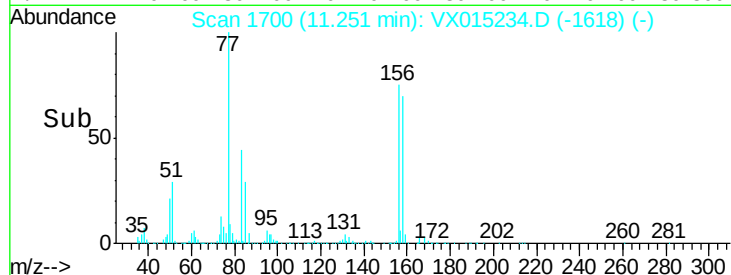
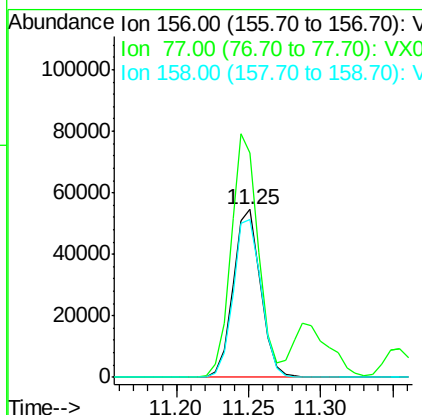
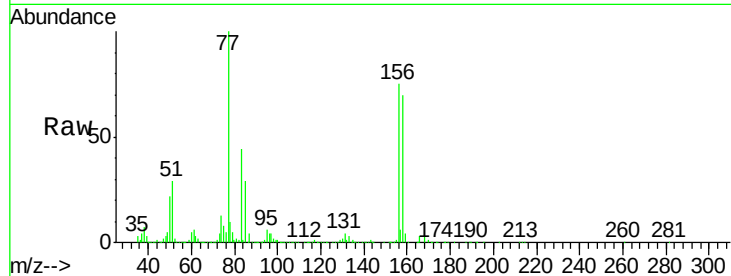
ClientSampleId :

ICVVX031220

Tot Ion	Ratio	Lower	Upper
156	100		
77	142.4	0.0	305.0
158	95.8	0.0	197.2

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3/16/2020 11:43:43 AM



#74

n-propylbenzene

Concen: 19.778 ug/l

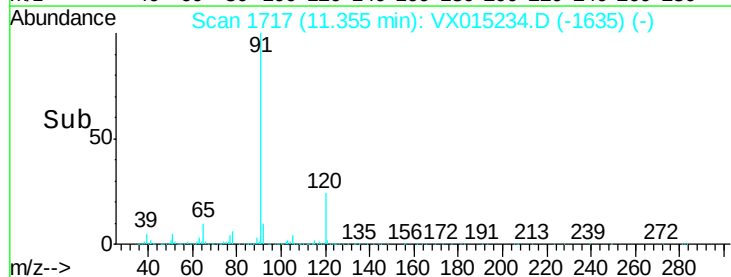
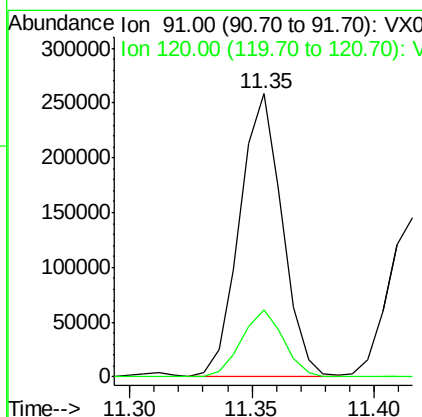
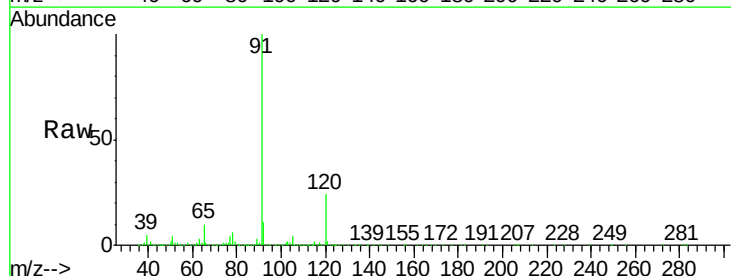
RT: 11.35 min Scan# 1717

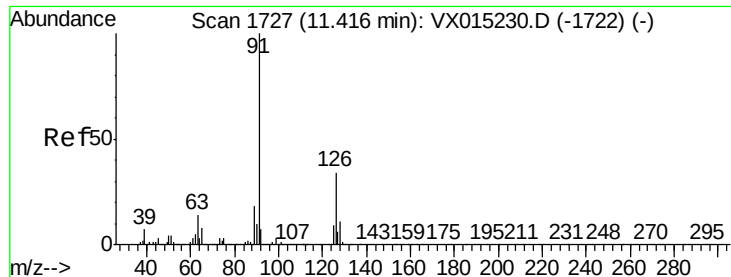
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.4	0.0	47.0





#75

2-Chlorotoluene

Concen: 19.940 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

ClientSampleId :

ICVVX031220

Tot Ion: 91 Resp: 183646

Ion Ratio Lower Upper

91 100

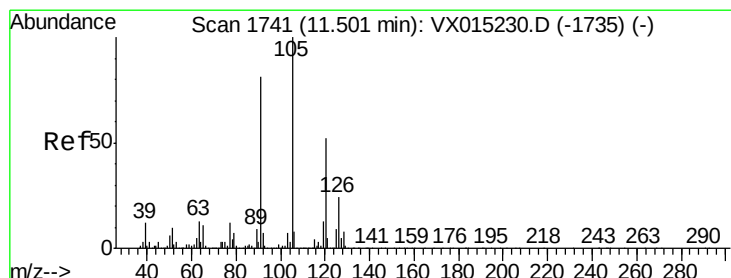
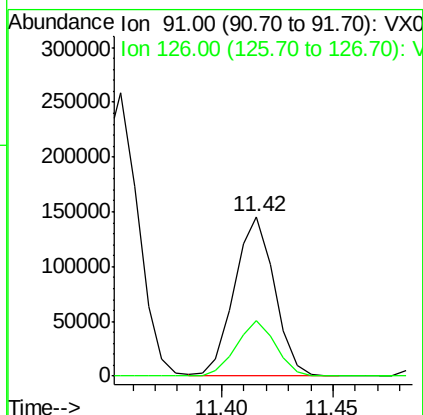
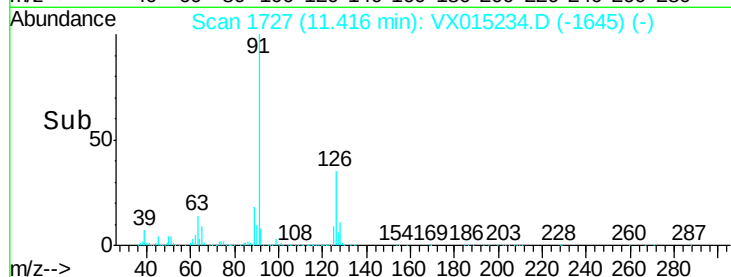
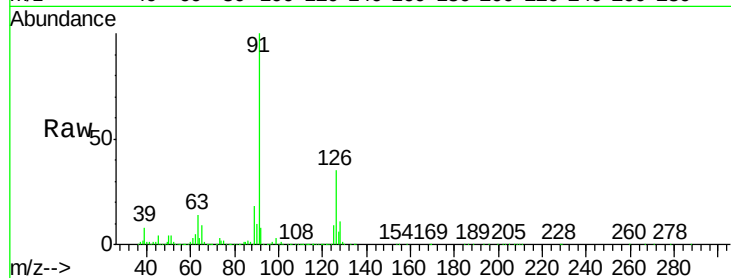
126 34.2 0.0 69.8

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3/16/2020 11:43:43 AM



#76

1,3,5-Trimethylbenzene

Concen: 19.900 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX015234.D

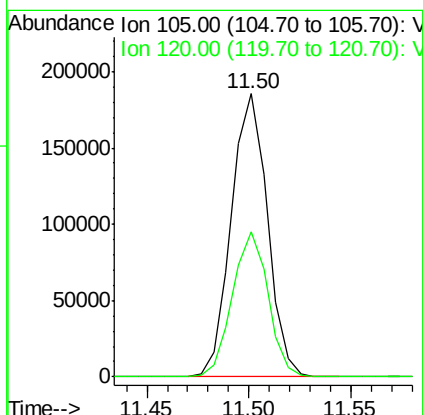
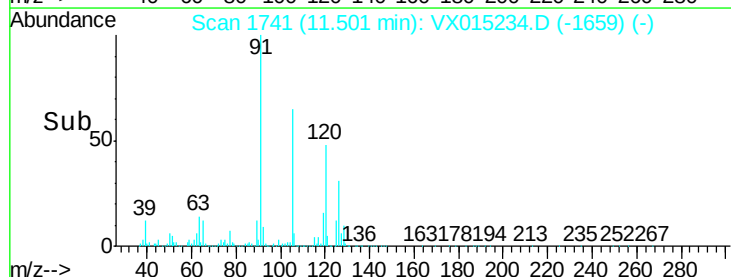
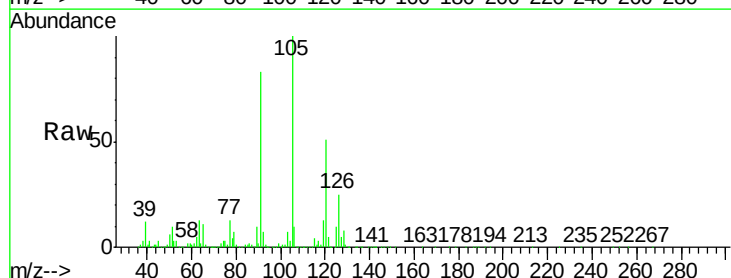
Acq: 12 Mar 2020 14:35

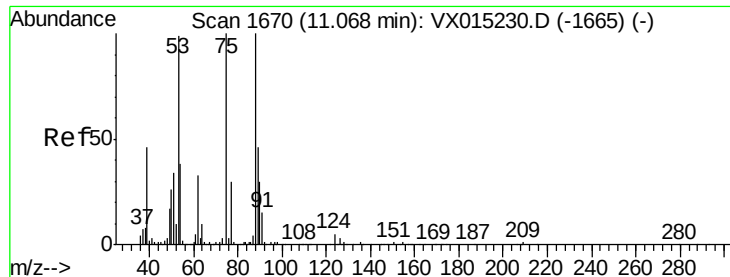
Tgt Ion: 105 Resp: 226826

Ion Ratio Lower Upper

105 100

120 50.5 0.0 101.2





#77

t-1,4-Dichloro-2-butene

Concen: 18.313 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

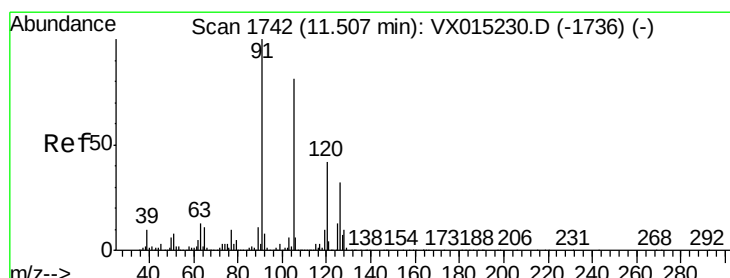
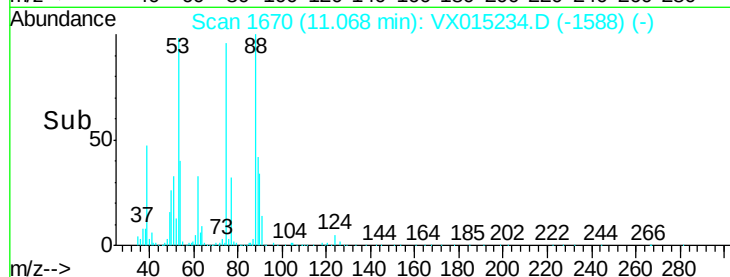
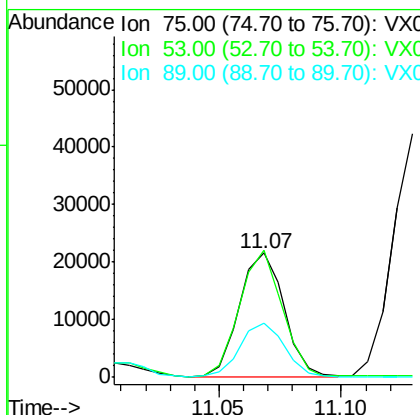
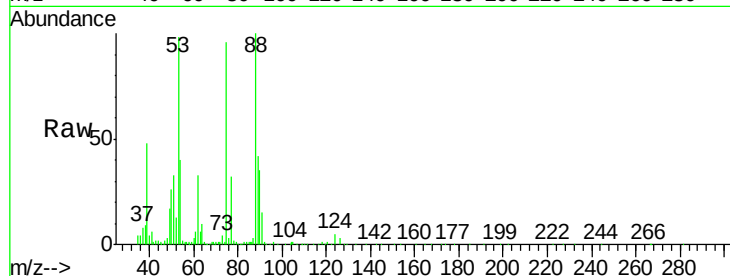
ClientSampleId :

ICVVX031220

Tot Ion:	75	Resp:	27211
Ion	Ratio	Lower	Upper
75	100		
53	102.3	49.5	148.3
89	43.6	22.9	68.8

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#78

4-Chlorotoluene

Concen: 19.823 ug/l

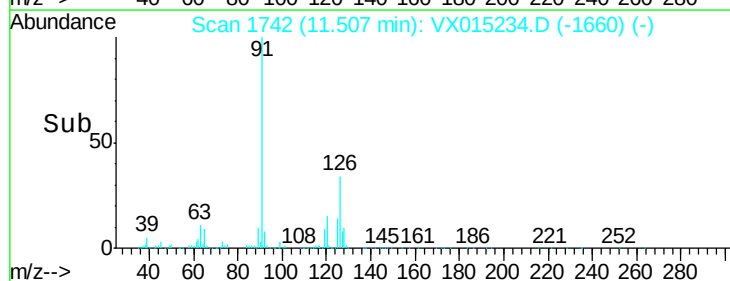
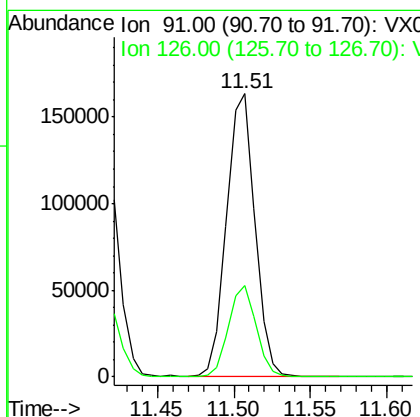
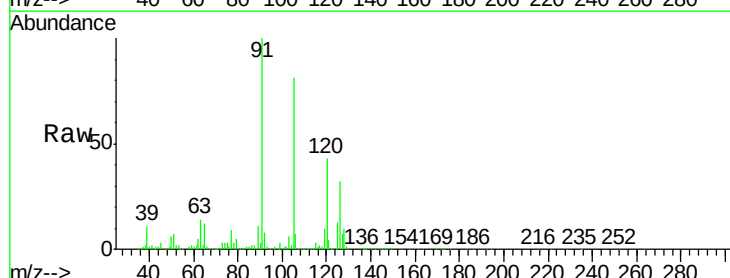
RT: 11.51 min Scan# 1742

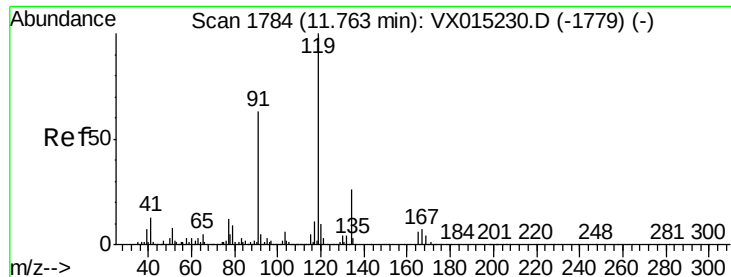
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	91	Resp:	210201
Ion	Ratio	Lower	Upper
91	100		
126	31.2	0.0	61.4





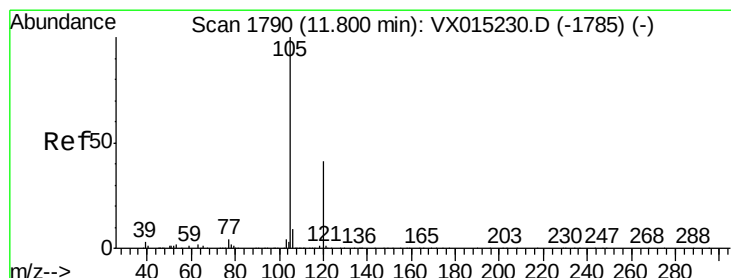
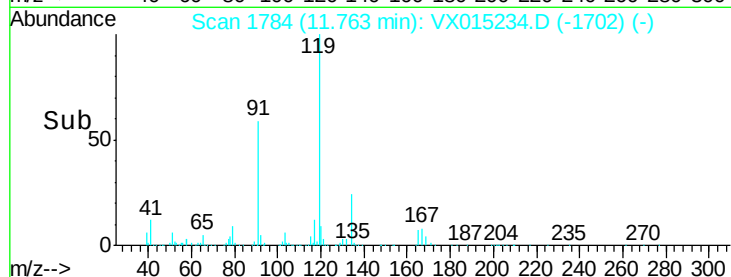
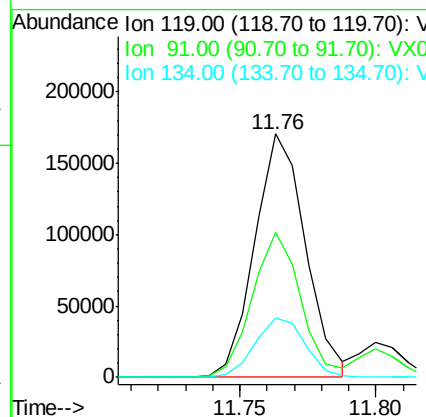
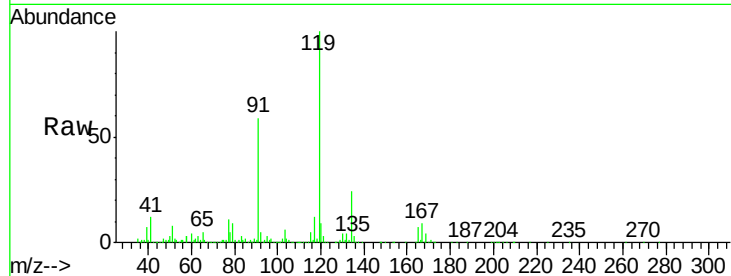
#79
tert-butylbenzene
Concen: 20.612 ug/l
RT: 11.76 min Scan# 1784
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Resp	Lower	Upper
119	100	220272		
91	56.5		0.0	115.4
134	24.3		0.0	49.4

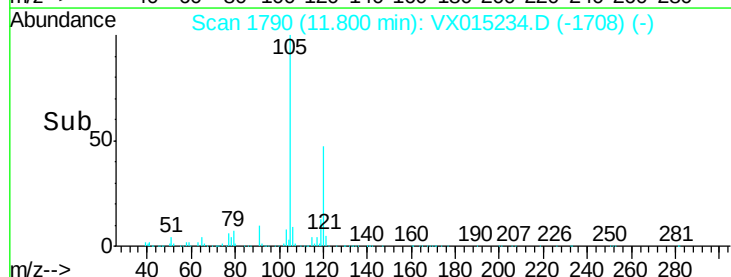
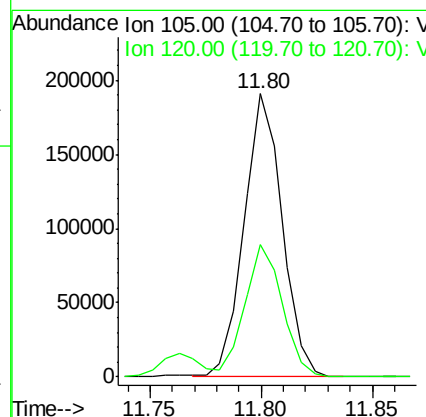
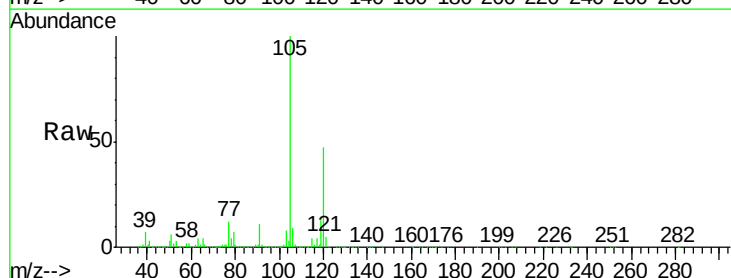
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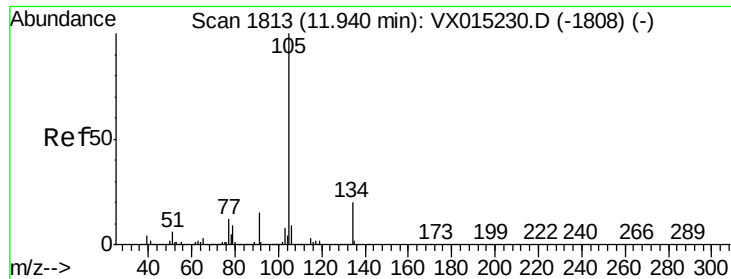
MMDadoda
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#80
1,2,4-Trimethylbenzene
Concen: 20.229 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	227967		
120	45.7		0.0	93.2





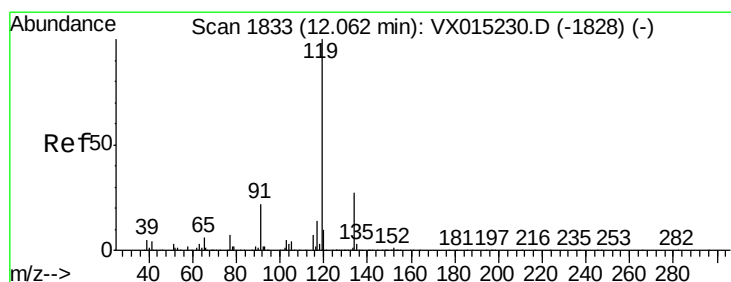
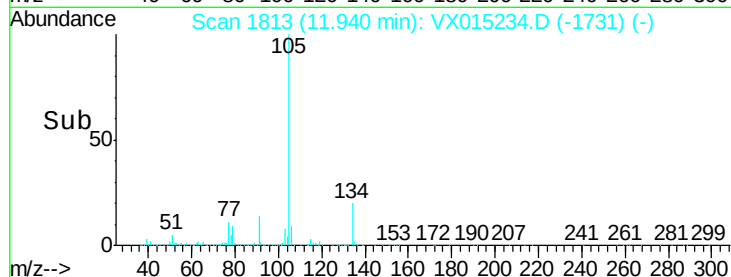
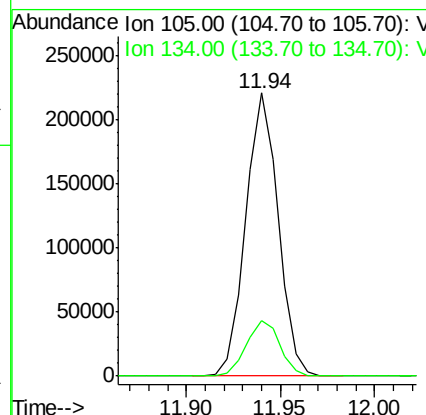
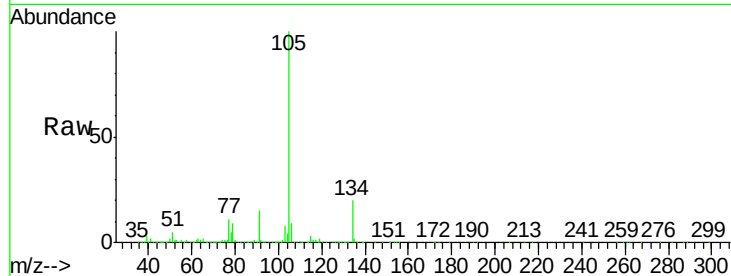
#81
 sec-Butylbenzene
 Concen: 19.854 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Resp	Lower	Upper
105	100	263317		
134	20.6	0.0	40.8	

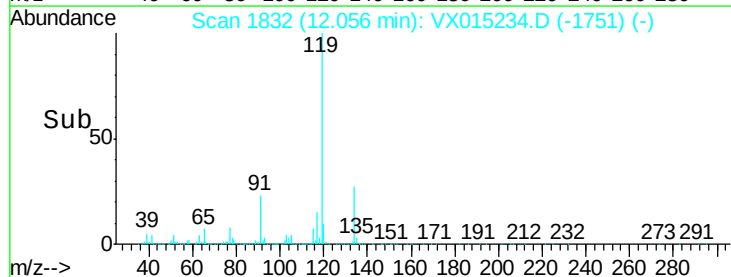
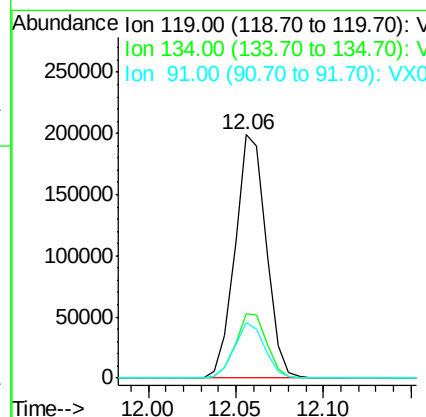
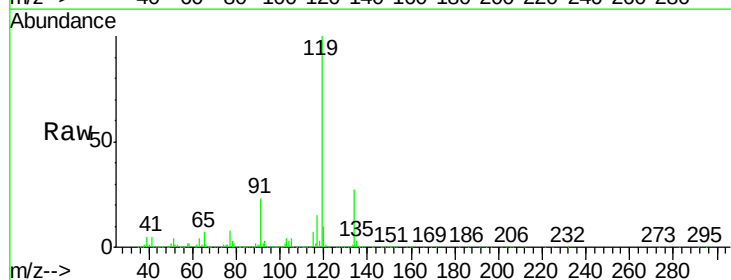
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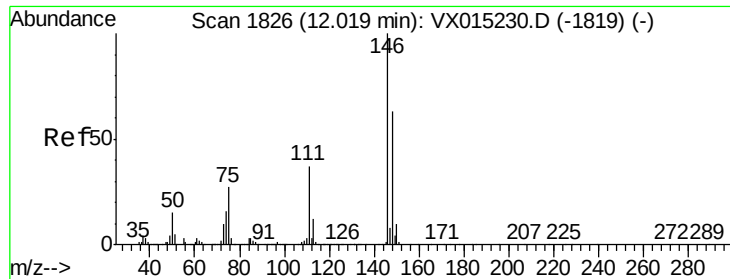
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 3/16/2020 11:43:43 AM



#82
 p-Isopropyltoluene
 Concen: 20.086 ug/l
 RT: 12.06 min Scan# 1832
 Delta R.T. -0.01 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	244969		
134	26.9	0.0	53.6	
91	22.2	0.0	43.6	





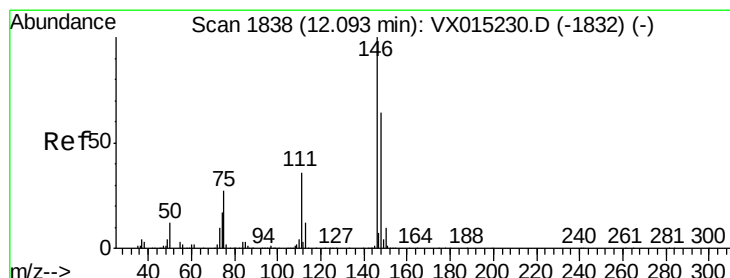
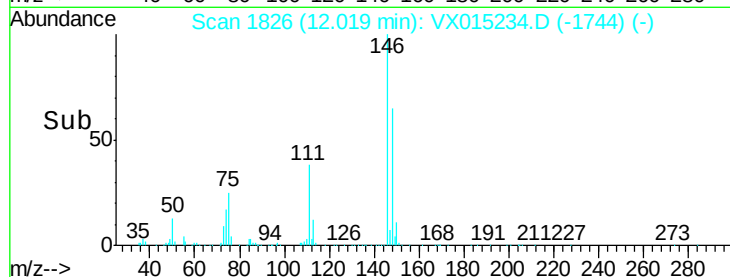
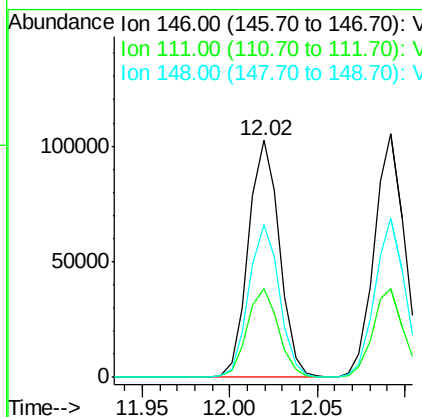
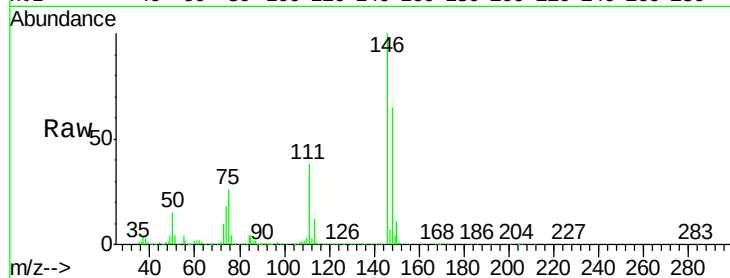
#83
 1,3-Dichlorobenzene
 Concen: 19.728 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.8	56.4
148	63.5	31.9	95.7

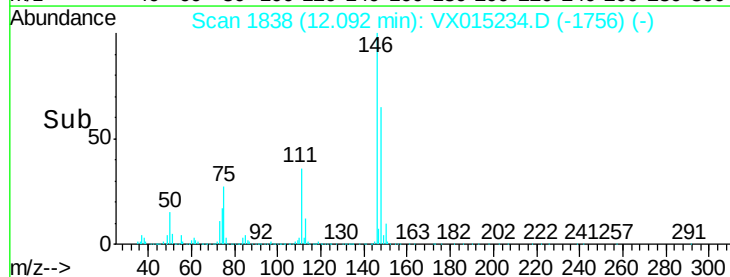
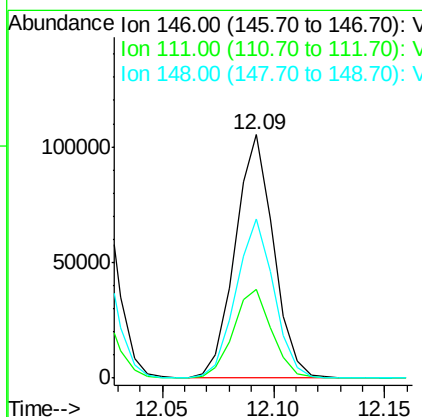
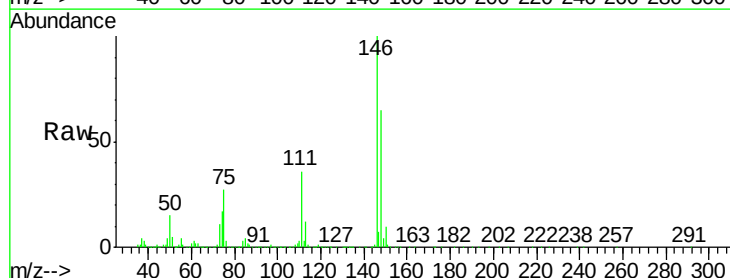
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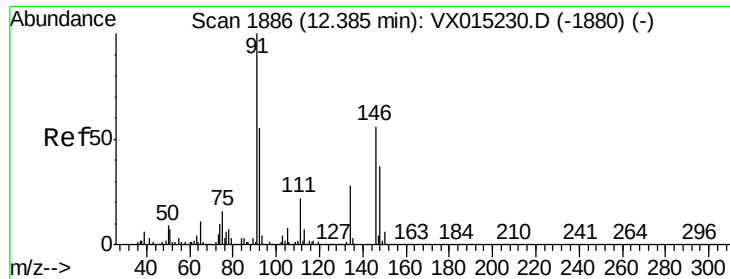
MMDadoda
 3/16/2020 11:43:43 AM



#84
 1,4-Dichlorobenzene
 Concen: 19.642 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.4	55.0
148	64.6	31.9	95.9





#85

n-Butylbenzene

Concen: 19.893 ug/l

RT: 12.38 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Instrument :

MSVOA_X

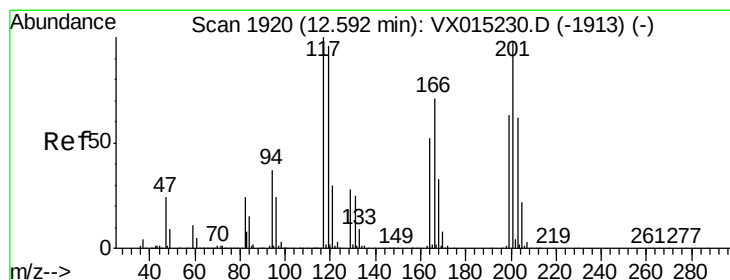
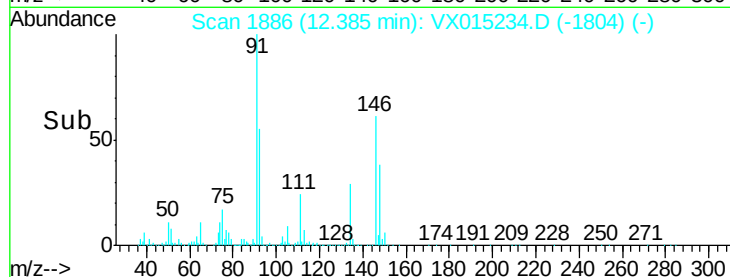
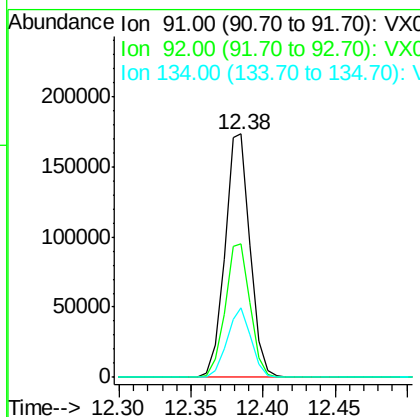
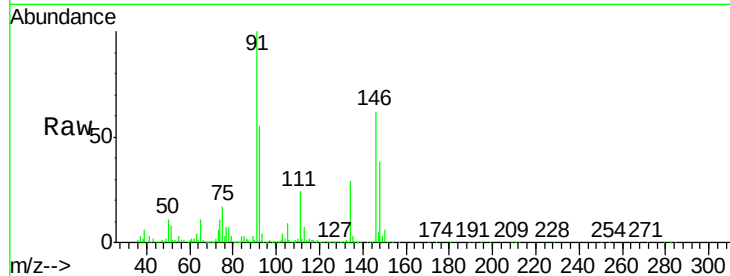
ClientSampleId :

ICVVX031220

Tot Ion:	91	Resp:	212625
Ion Ratio	Lower	Upper	
91	100		
92	54.7	0.0	109.4
134	27.4	0.0	53.0

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#86

Hexachloroethane

Concen: 19.659 ug/l

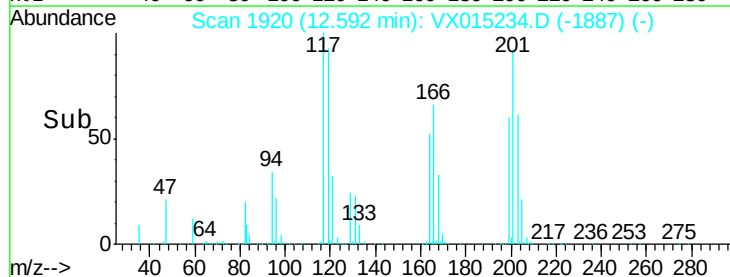
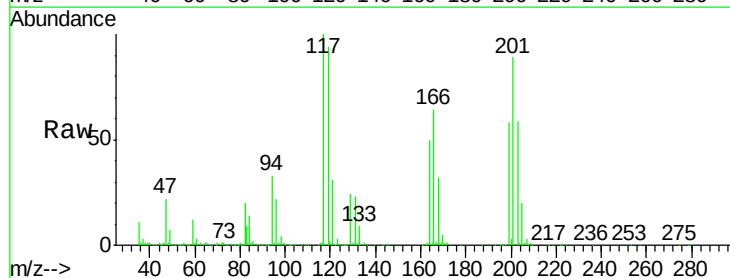
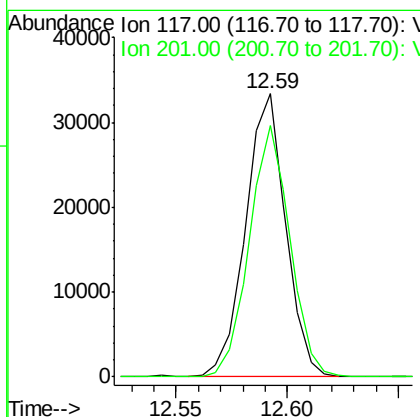
RT: 12.59 min Scan# 1920

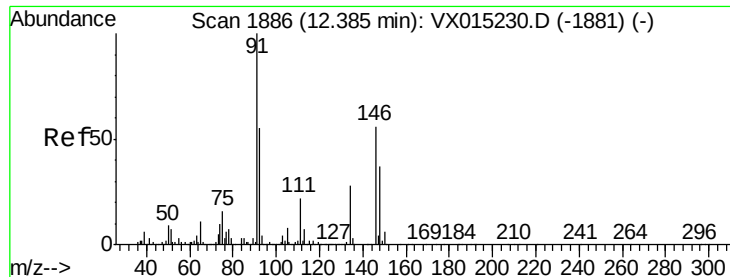
Delta R.T. -0.00 min

Lab File: VX015234.D

Acq: 12 Mar 2020 14:35

Tgt Ion:	117	Resp:	41973
Ion Ratio	Lower	Upper	
117	100		
201	89.7	47.8	143.3





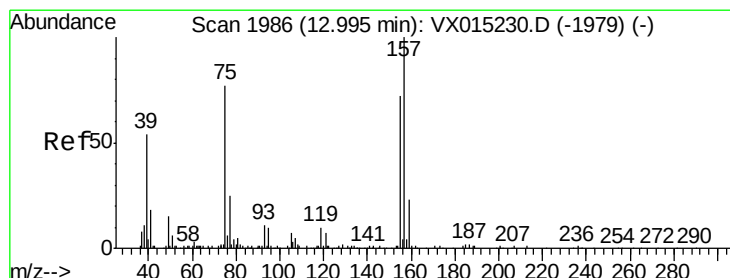
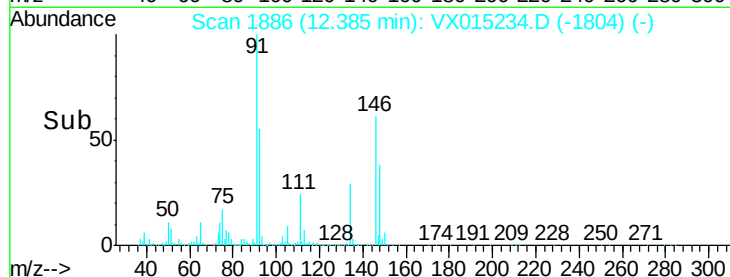
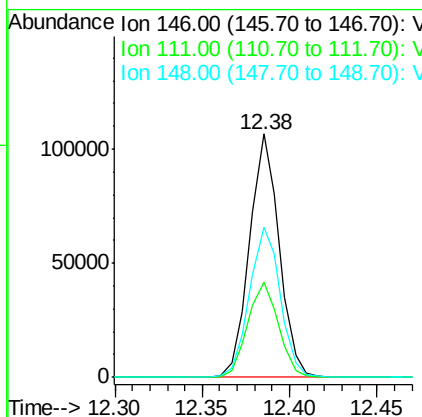
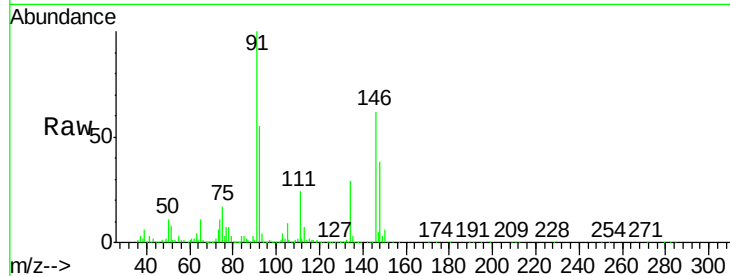
#87
 1,2-Dichlorobenzene
 Concen: 20.036 ug/l
 RT: 12.38 min Scan# 1886
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Resp	Lower	Upper
146	100	125698		
111	40.3	19.4	58.4	
148	64.2	32.4	97.0	

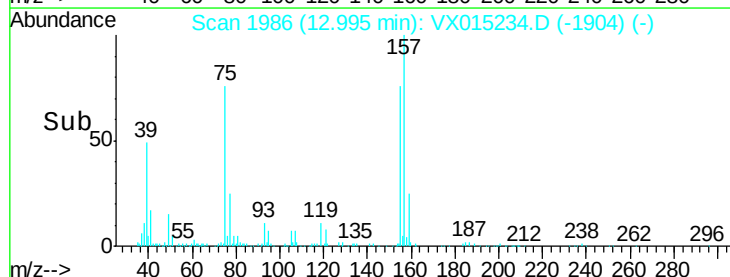
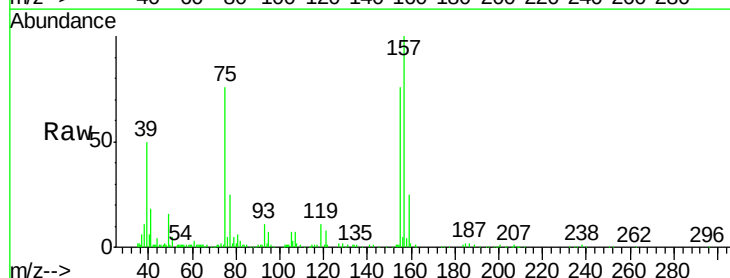
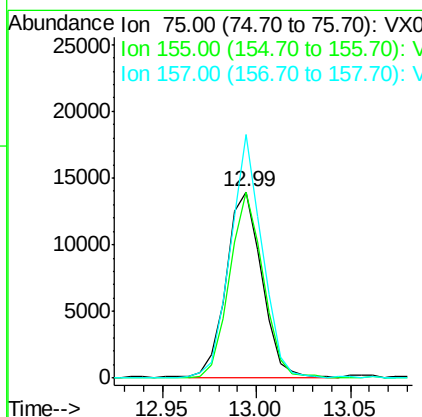
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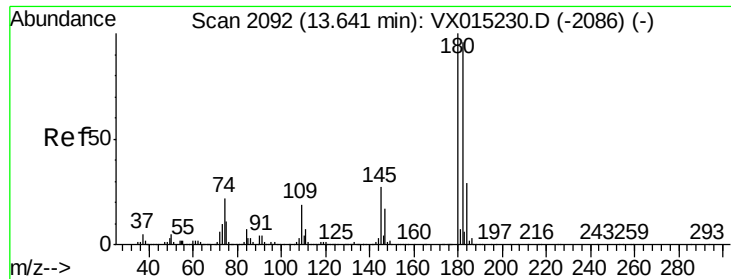
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#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.608 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	18390		
155	93.8	77.5	116.3	
157	116.6	103.0	154.4	





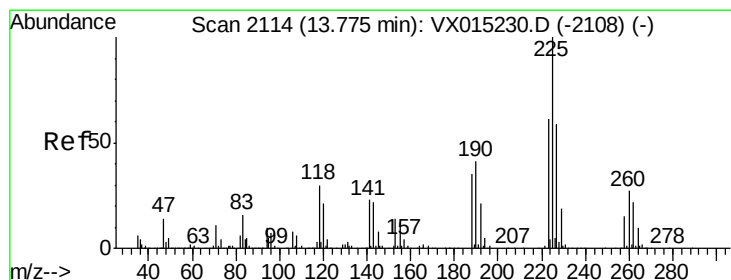
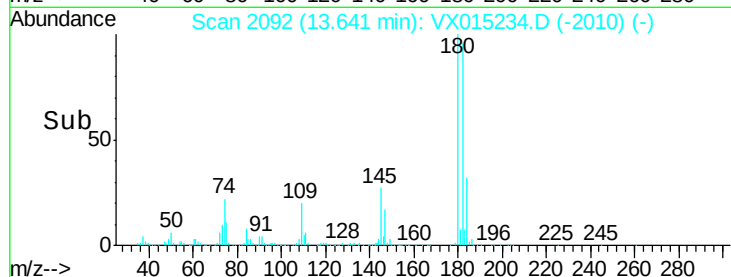
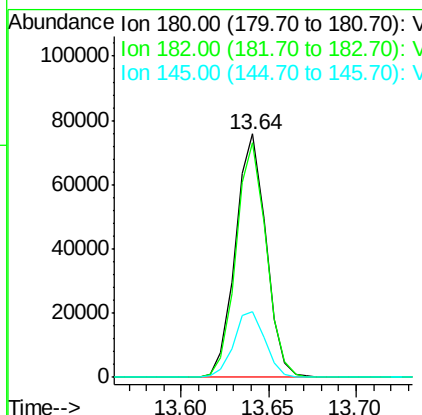
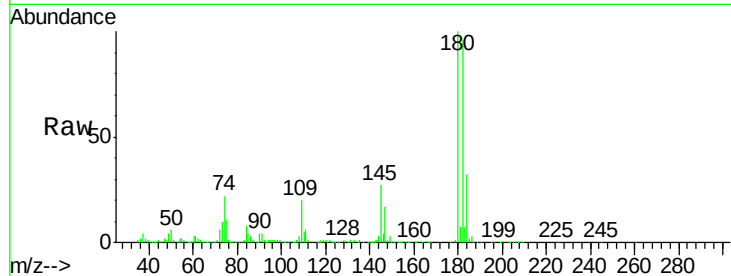
#89
 1,2,4-Trichlorobenzene
 Concen: 19.865 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX031220

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.6	115.0
145	27.9	22.7	34.1

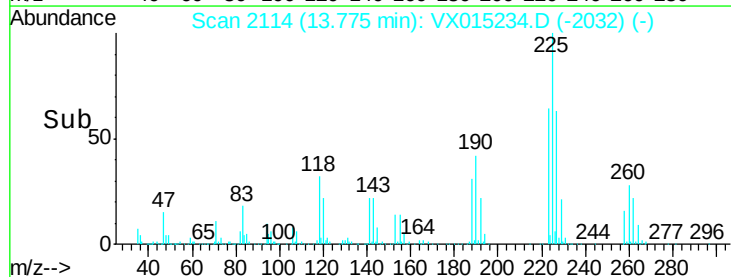
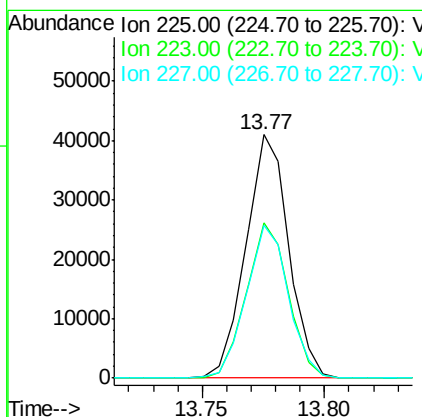
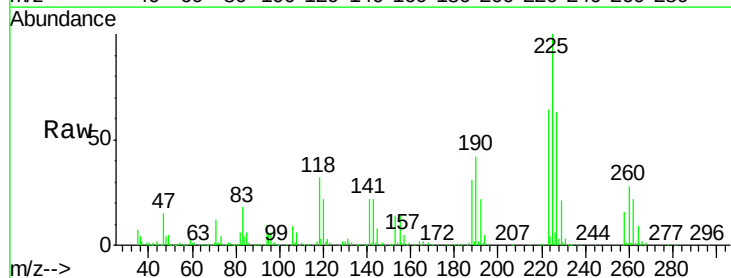
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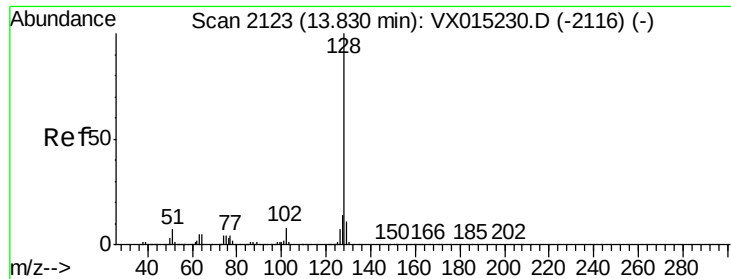
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 3/16/2020 11:43:43 AM



#90
 Hexachlorobutadiene
 Concen: 20.906 ug/l
 RT: 13.77 min Scan# 2114
 Delta R.T. -0.00 min
 Lab File: VX015234.D
 Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.5	0.0	125.0
227	61.9	0.0	126.2





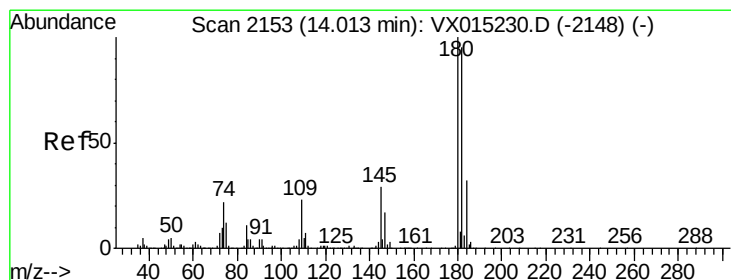
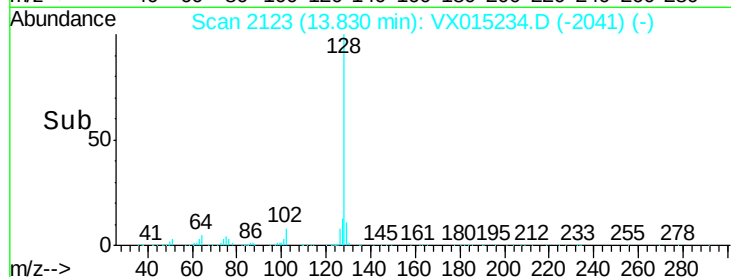
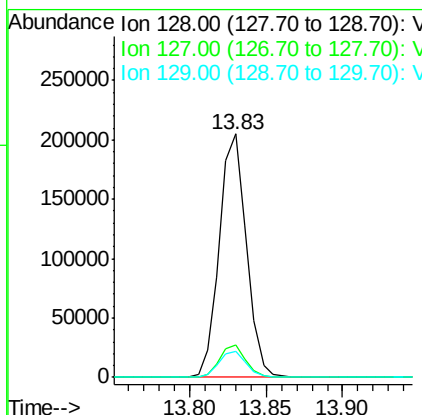
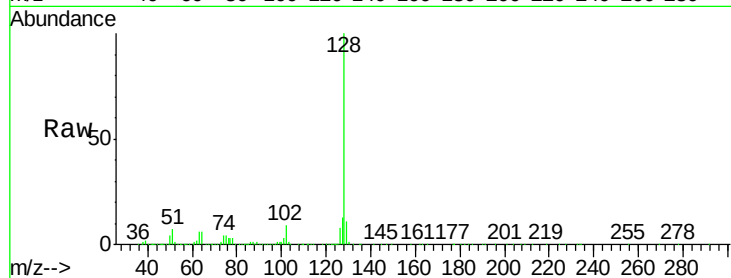
#91
Naphthalene
Concen: 19.610 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Instrument :
MSVOA_X
ClientSampleId :
ICVVX031220

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.8	16.2
129	10.8	8.7	13.1

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3/16/2020 11:43:43 AM



#92
1,2,3-Trichlorobenzene
Concen: 19.943 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. -0.00 min
Lab File: VX015234.D
Acq: 12 Mar 2020 14:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	0.0	192.0
145	29.5	0.0	60.0

