

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015922.D
 Acq On : 24 Apr 2020 03:58
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:29 AM

Quant Time: Apr 24 08:41:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	805150	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1251199	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1178673	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	632555	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	488475	53.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.68%	
35) Dibromofluoromethane	5.47	113	376761	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.70	98	1455204	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.12	95	604815	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	390143	56.609	ug/l	97
3) Chloromethane	1.31	50	362568	51.367	ug/l	99
4) Vinyl Chloride	1.39	62	395637	48.426	ug/l	99
5) Bromomethane	1.62	94	143481	52.363	ug/l	99
6) Chloroethane	1.71	64	231823	49.794	ug/l	100
7) Trichlorofluoromethane	1.92	101	533774	52.658	ug/l	97
8) Diethyl Ether	2.17	74	196114	47.709	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	340888	49.574	ug/l	98
10) Methyl Iodide	2.49	142	380192	44.753	ug/l	99
11) Tert butyl alcohol	3.01	59	507500	271.242	ug/l	99
12) 1,1-Dichloroethene	2.36	96	347992	49.346	ug/l	97
13) Acrolein	2.27	56	265690	239.991	ug/l	96
14) Allyl chloride	2.71	41	722866	48.237	ug/l	99
15) Acrylonitrile	3.12	53	1163660	267.944	ug/l	100
16) Acetone	2.42	43	969375	243.111	ug/l	99
17) Carbon Disulfide	2.55	76	893589	34.892	ug/l	99
18) Methyl Acetate	2.75	43	667902	50.739	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1310733	52.648	ug/l	100
20) Methylene Chloride	2.83	84	401809	49.639	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	394526	50.422	ug/l	93
22) Diisopropyl ether	3.83	45	1413375	52.328	ug/l	93
23) Vinyl Acetate	3.79	43	5833270	260.942	ug/l	99
24) 1,1-Dichloroethane	3.67	63	739076	52.499	ug/l	99
25) 2-Butanone	4.64	43	1663341	263.922	ug/l	97
26) 2,2-Dichloropropane	4.56	77	455693	36.236	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	455968	51.330	ug/l	97
28) Bromochloromethane	4.98	49	341907	46.285	ug/l	# 99
29) Tetrahydrofuran	5.09	42	1099879	263.848	ug/l	99
30) Chloroform	5.18	83	736336	51.985	ug/l	96
31) Cyclohexane	5.55	56	685655	51.248	ug/l	95
32) 1,1,1-Trichloroethane	5.47	97	662745	52.478	ug/l	99
36) 1,1-Dichloropropene	5.77	75	552675	49.826	ug/l	99
37) Ethyl Acetate	4.79	43	656848	49.757	ug/l	99
38) Carbon Tetrachloride	5.76	117	579761	53.063	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	669103	47.635	ug/l	96
40) Benzene	6.12	78	1647916	49.327	ug/l	98
41) Methacrylonitrile	5.01	41	376379	51.309	ug/l	99
42) 1,2-Dichloroethane	6.17	62	604682	50.264	ug/l	100
43) Isopropyl Acetate	6.42	43	1126470	50.587	ug/l	100
44) Trichloroethene	7.19	130	544746	46.399	ug/l	96
45) 1,2-Dichloropropane	7.49	63	437486	49.970	ug/l	98
46) Dibromomethane	7.64	93	294159	46.027	ug/l	98
47) Bromodichloromethane	7.88	83	594749	52.310	ug/l	99
48) Methyl methacrylate	7.75	41	555998	50.760	ug/l	98
49) 1,4-Dioxane	7.72	88	210391	1016.329	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	3301708	256.876	ug/l	100
52) Toluene	8.77	92	1057008	49.361	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	667698	47.331	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	712384	47.779	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	434864	52.007	ug/l	98
56) Ethyl methacrylate	9.16	69	709780	50.115	ug/l	99
57) 1,3-Dichloropropane	9.36	76	736047	50.656	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1817154	256.829	ug/l	99
59) 2-Hexanone	9.48	43	2503451	255.669	ug/l	100
60) Dibromochloromethane	9.57	129	488062	56.521	ug/l	96
61) 1,2-Dibromoethane	9.65	107	464361	50.248	ug/l	99
64) Tetrachloroethene	9.32	164	671212	42.248	ug/l	93
65) Chlorobenzene	10.12	112	1168133	49.561	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	457163	51.890	ug/l	99
67) Ethyl Benzene	10.24	91	2039324	49.271	ug/l	98
68) m/p-Xylenes	10.34	106	1541982	99.253	ug/l	99
69) o-Xylene	10.68	106	755302	49.404	ug/l	99
70) Styrene	10.70	104	1328872	50.200	ug/l	100
71) Bromoform	10.84	173	408300	71.119	ug/l #	95
73) Isopropylbenzene	11.00	105	2086385	51.934	ug/l	99
74) N-amyl acetate	10.88	43	1032715	49.795	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	498127	58.589	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	609941m	50.708	ug/l	
77) Bromobenzene	11.24	156	560329	51.047	ug/l	98
78) n-propylbenzene	11.34	91	2395991	52.063	ug/l	100
79) 2-Chlorotoluene	11.40	91	1400916	50.677	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1749274	51.066	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	224396	44.876	ug/l	99
82) 4-Chlorotoluene	11.49	91	1670914	50.866	ug/l	98
83) tert-Butylbenzene	11.76	119	1576960	51.898	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1811559	50.939	ug/l	99
85) sec-Butylbenzene	11.93	105	2017846	50.376	ug/l	99
86) p-Isopropyltoluene	12.05	119	1875140	50.064	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1007615	50.007	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	997175	49.438	ug/l	98
89) n-Butylbenzene	12.37	91	1642752	49.056	ug/l	99
90) Hexachloroethane	12.58	117	309330	78.178	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	941266	49.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	149809	59.417	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	729342	48.437	ug/l	97
94) Hexachlorobutadiene	13.77	225	324582	48.077	ug/l	98
95) Naphthalene	13.82	128	2212252	51.066	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	697046	47.448	ug/l	96

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

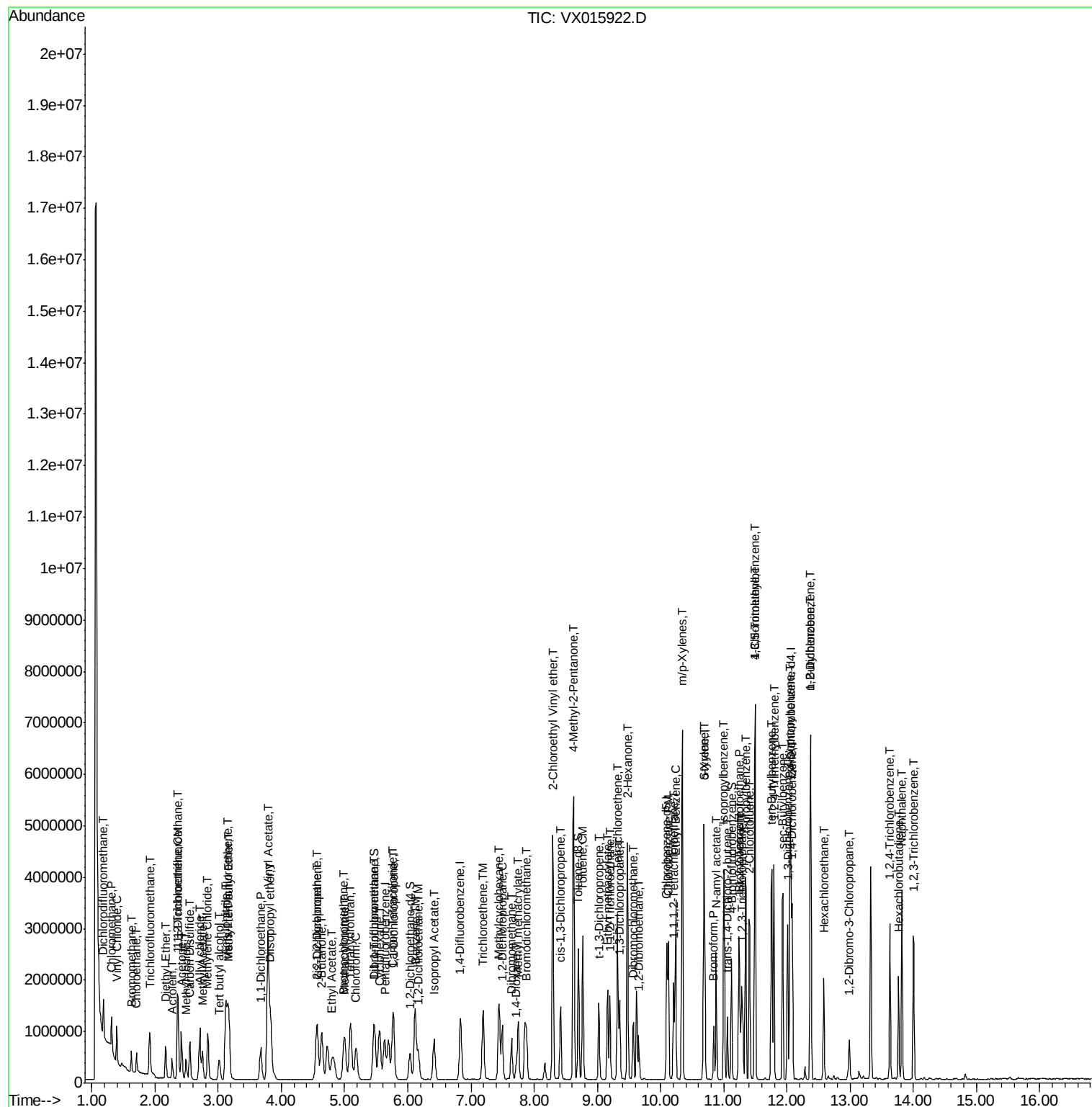
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 Data File : VX015922.D
 Acq On : 24 Apr 2020 03:58
 Operator : JC/SP
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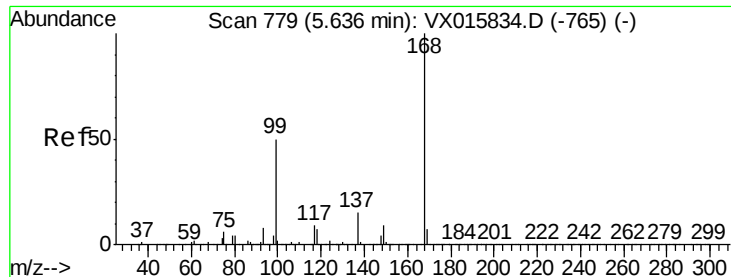
Instrument :
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#1

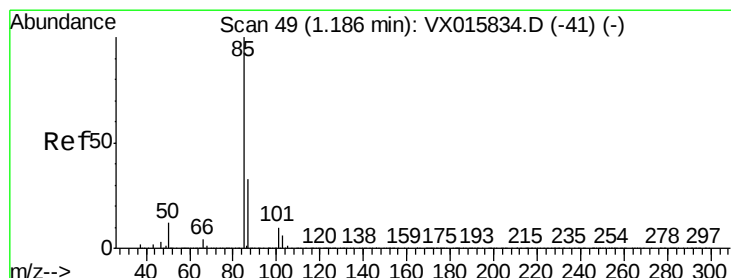
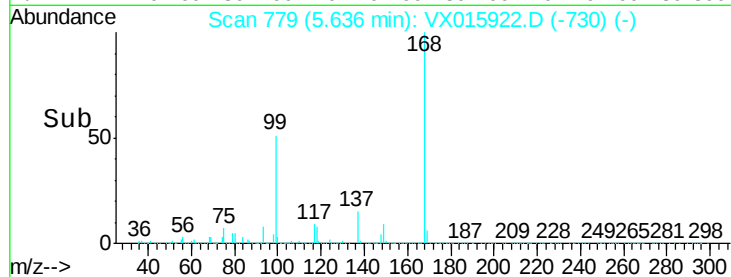
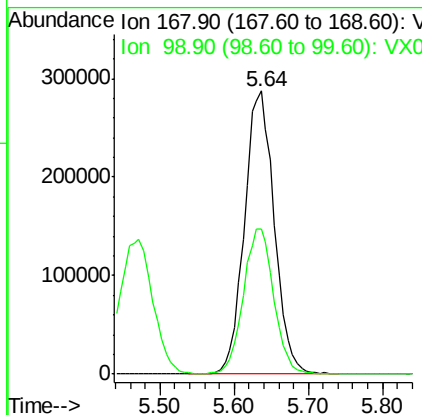
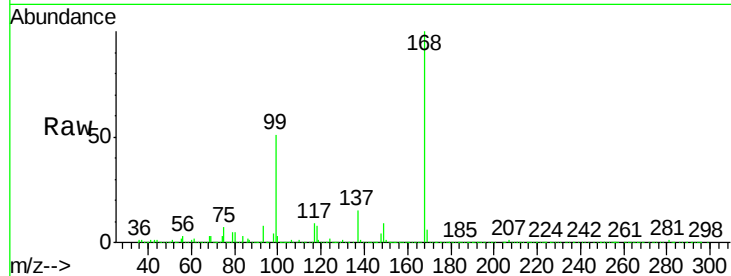
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	51.0	40.3	60.5

Manual Integrations
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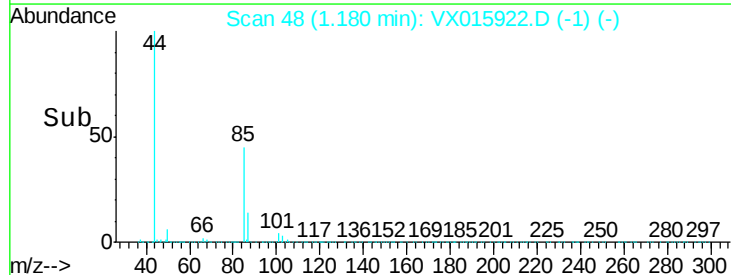
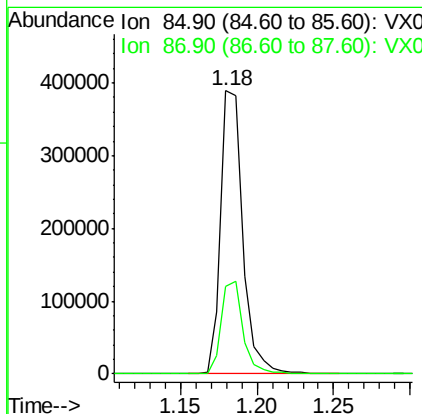
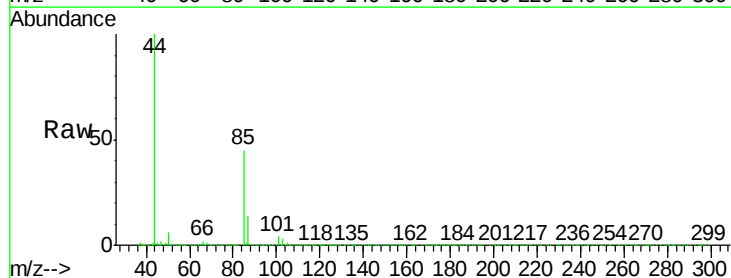
MMDadoda
 4/24/2020 11:35:29 AM

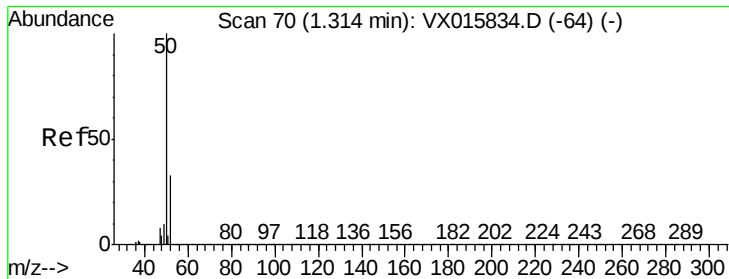


#2

Dichlorodifluoromethane
 Concen: 56.609 ug/l
 RT: 1.18 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
85	100		
87	31.0	16.4	49.2





#3

Chloromethane

Concen: 51.367 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 362568

Ion Ratio Lower Upper

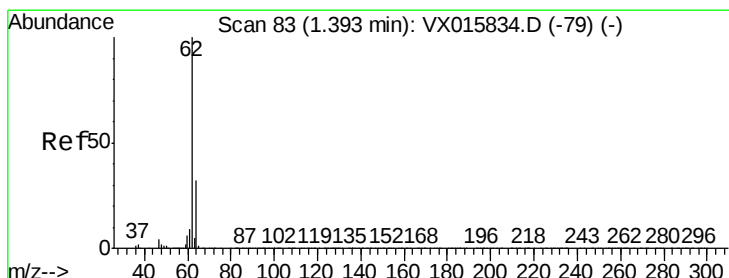
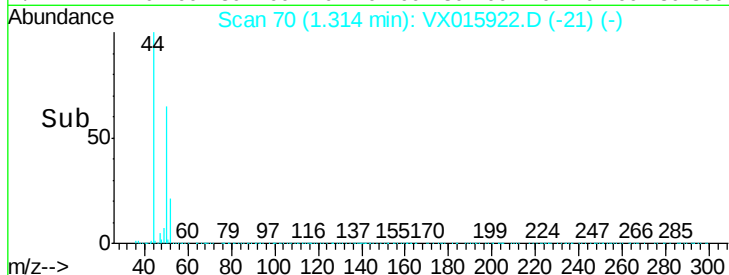
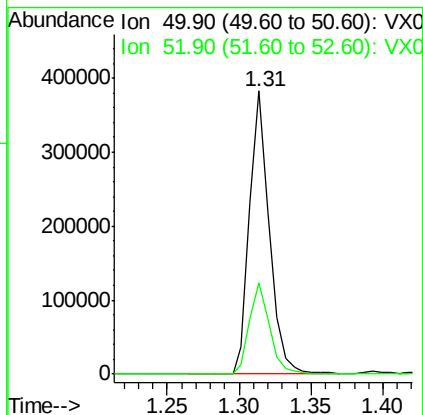
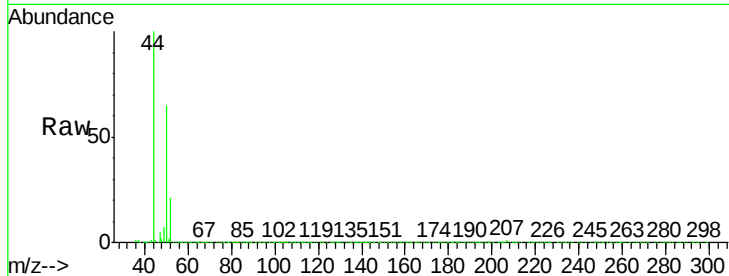
50 100

52 32.3 26.2 39.4

Manual Integrations
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#4

Vinyl Chloride

Concen: 48.426 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015922.D

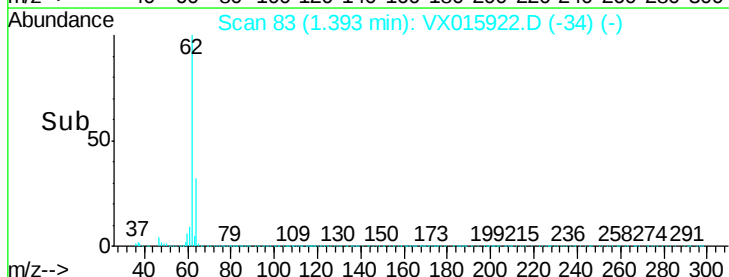
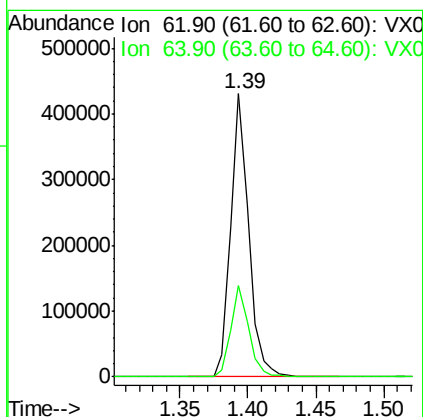
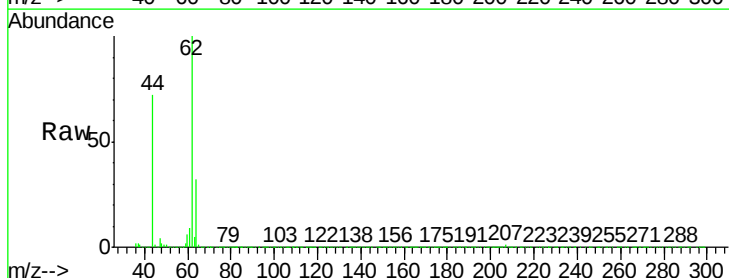
Acq: 24 Apr 2020 03:58

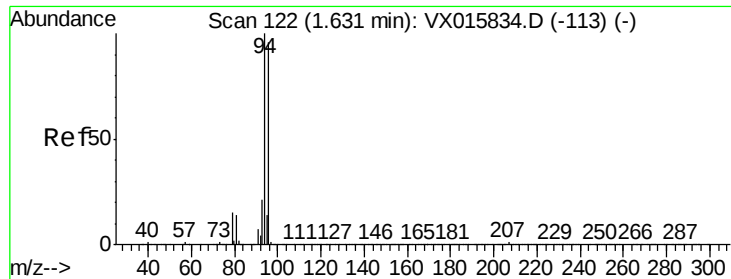
Tgt Ion: 62 Resp: 395637

Ion Ratio Lower Upper

62 100

64 32.3 25.4 38.2





#5

Bromomethane

Concen: 52.363 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 143481

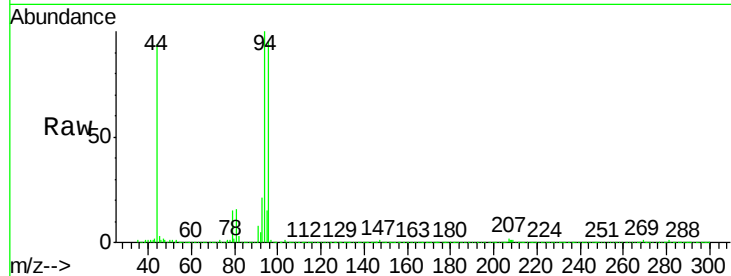
Ion Ratio Lower Upper

94 100

96 95.3 76.7 115.1

Manual Integrations
APPROVED

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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

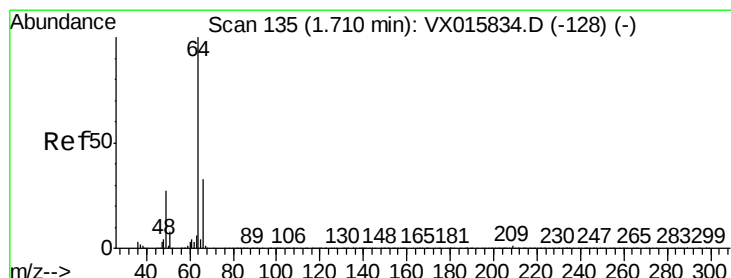
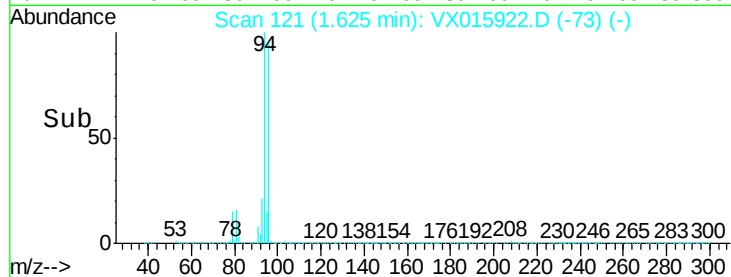
150000

100000

50000

0

Time--> 1.55 1.60 1.65



#6

Chloroethane

Concen: 49.794 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015922.D

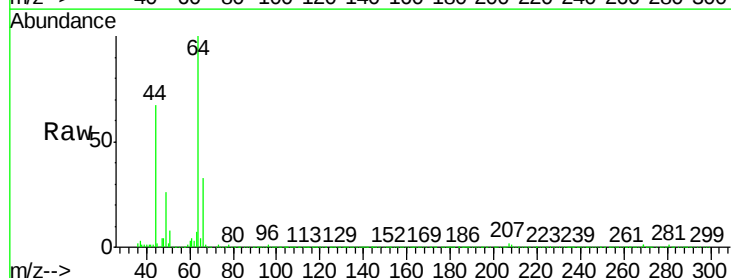
Acq: 24 Apr 2020 03:58

Tgt Ion: 64 Resp: 231823

Ion Ratio Lower Upper

64 100

66 32.6 26.2 39.2



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

200000

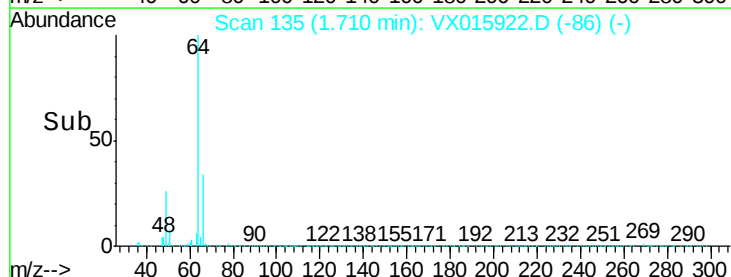
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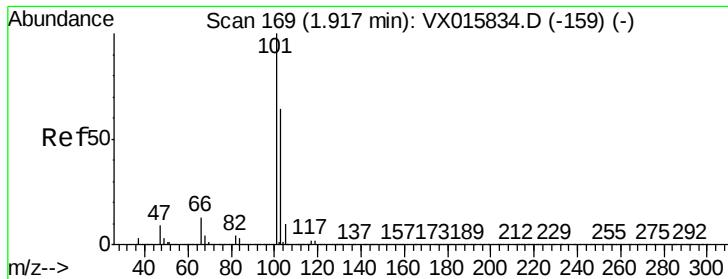
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50000

0

Time--> 1.60 1.70 1.80





#7

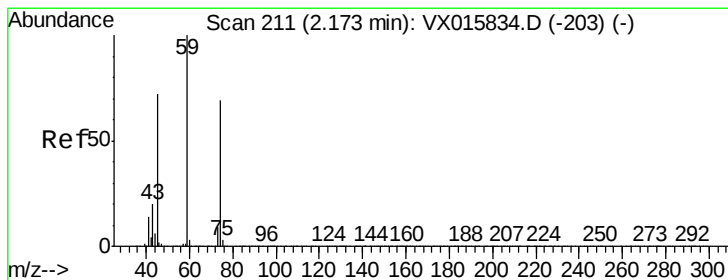
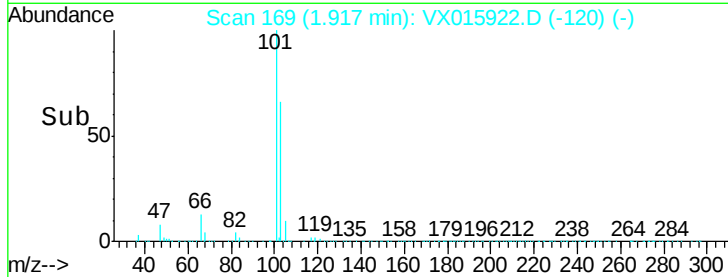
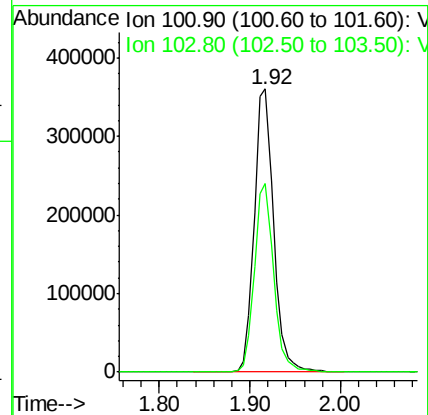
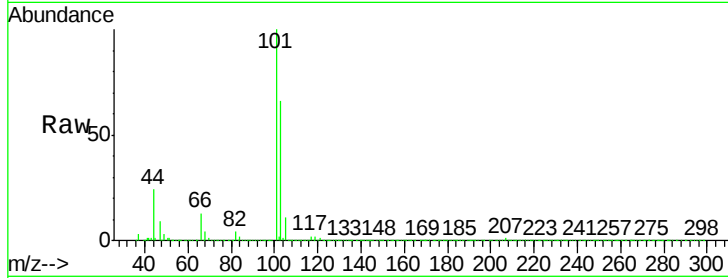
Trichlorofluoromethane
Concen: 52.658 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.3	51.4	77.0

Manual Integrations
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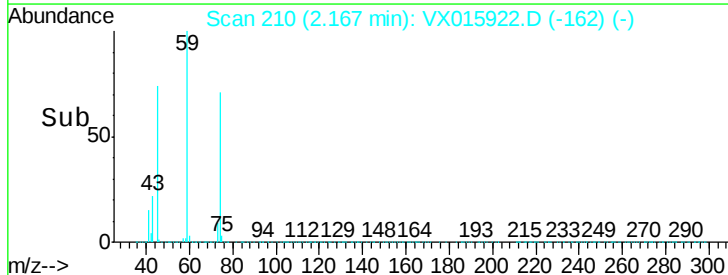
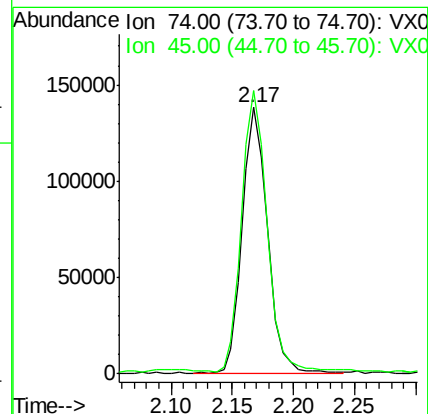
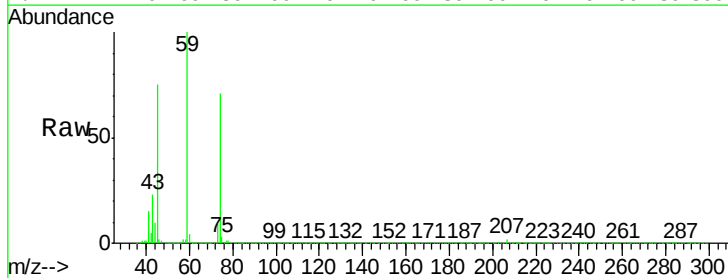
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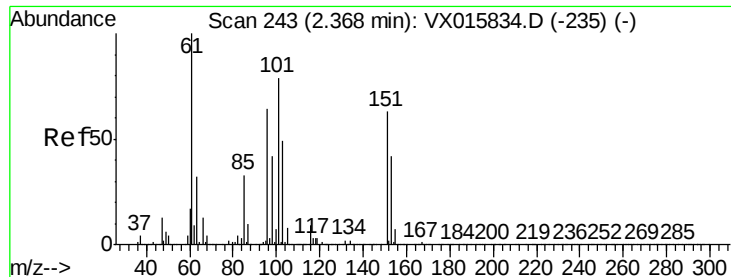


#8

Diethyl Ether
Concen: 47.709 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
74	100		
45	106.7	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.574 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

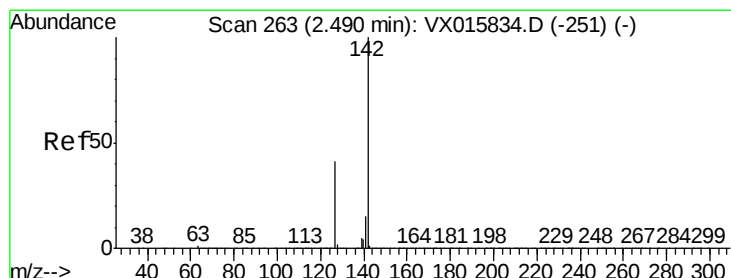
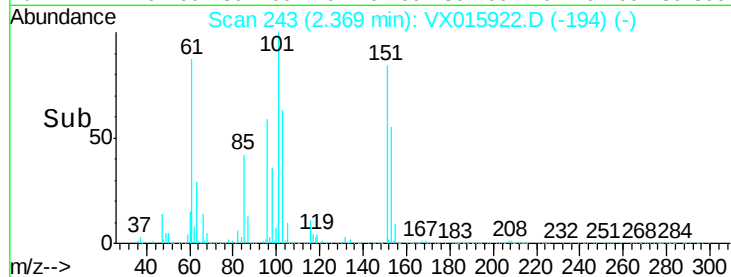
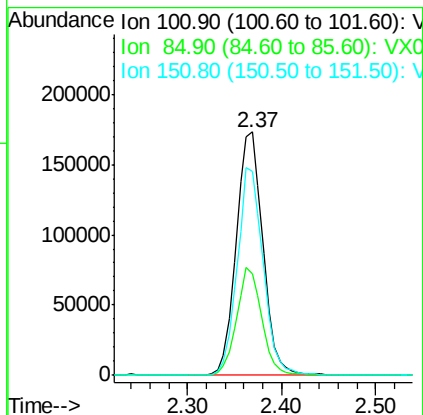
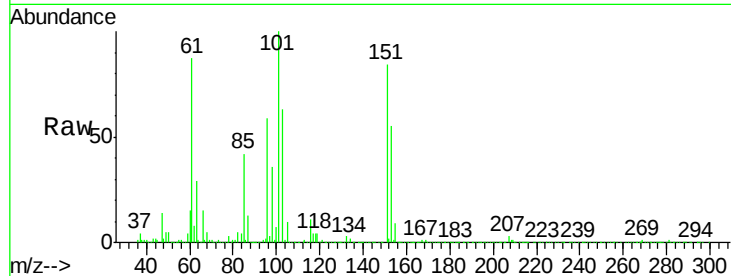
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	340888
Ion Ratio	Lower	Upper	
101	100		
85	41.7	33.8	50.6
151	82.7	67.8	101.6

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#10

Methyl Iodide

Concen: 44.753 ug/l

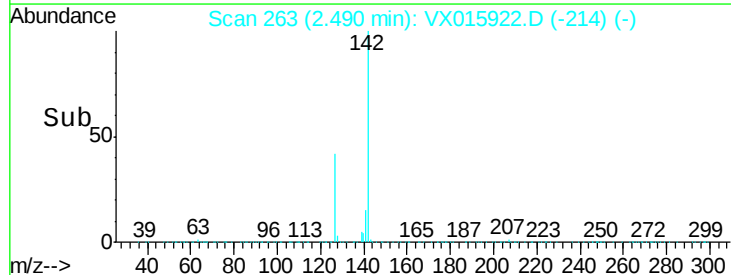
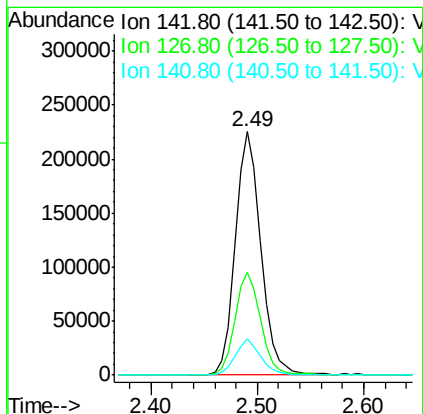
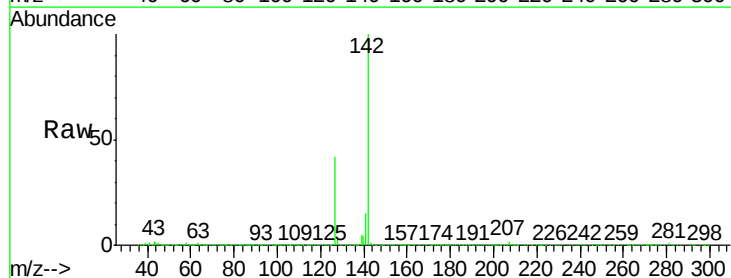
RT: 2.49 min Scan# 263

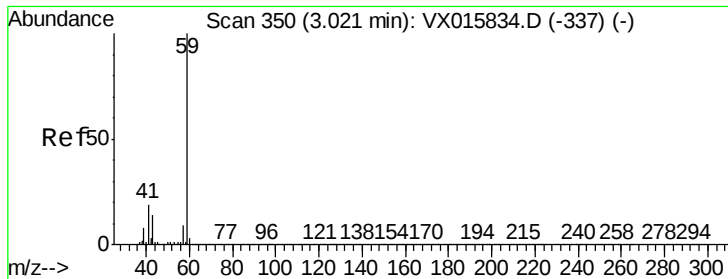
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	142	Resp:	380192
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.3	49.9
141	14.5	11.8	17.6





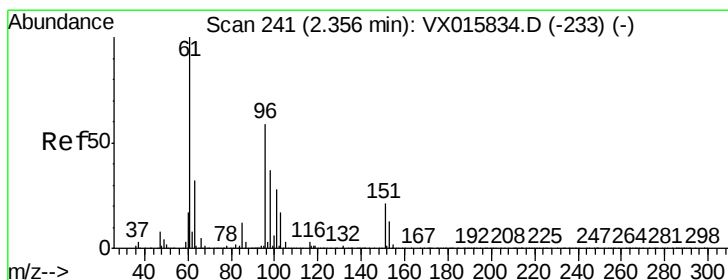
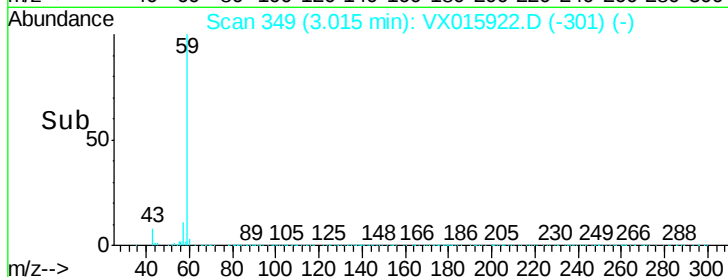
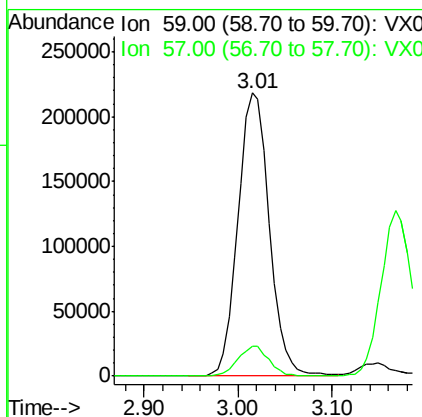
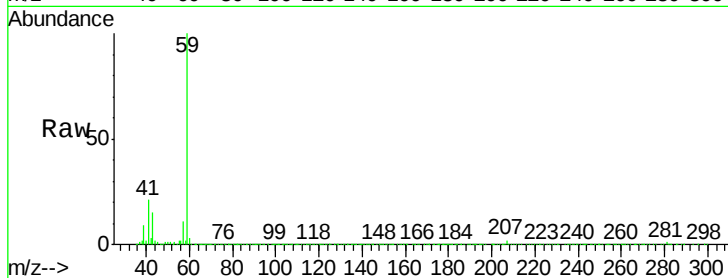
#11
Tert butyl alcohol
Concen: 271.242 ug/l
RT: 3.01 min Scan# 349
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.2	12.2

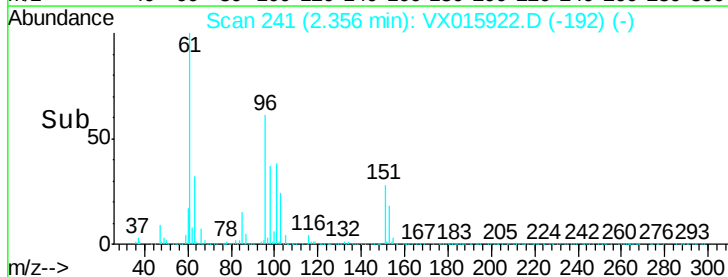
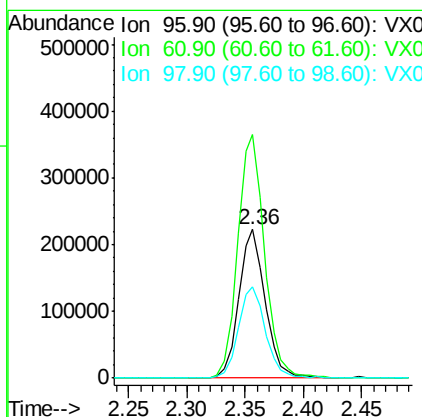
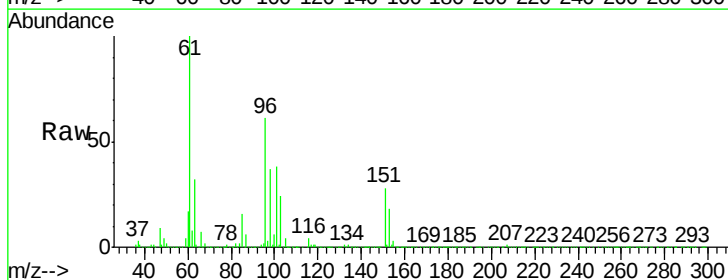
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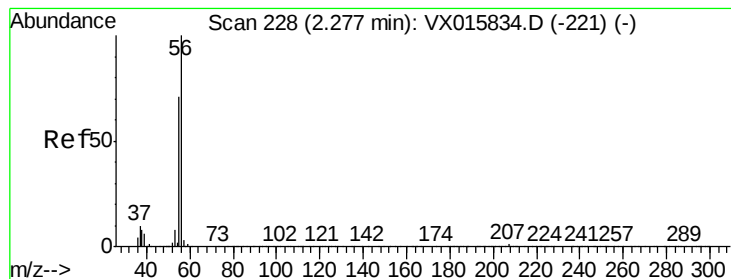
MMDadoda
4/24/2020 11:35:29 AM



#12
1,1-Dichloroethene
Concen: 49.346 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
96	100		
61	164.3	135.0	202.6
98	61.4	50.6	76.0





#13

Acrolein

Concen: 239.991 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 265690

Ion Ratio Lower Upper

56 100

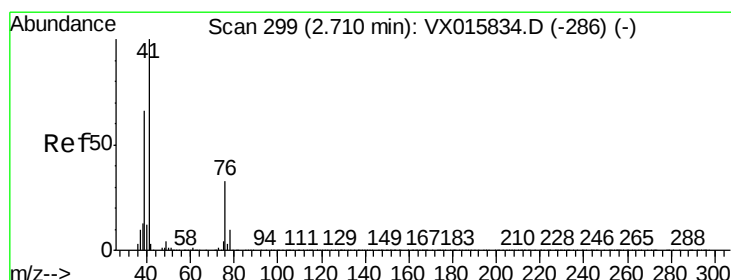
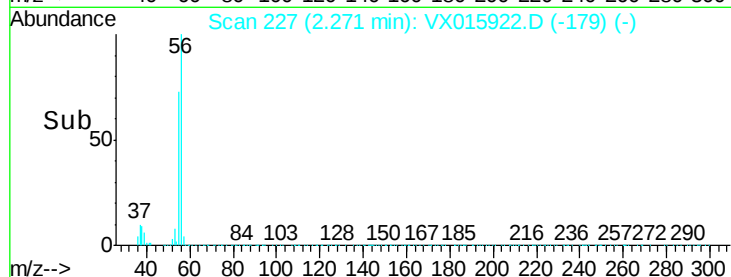
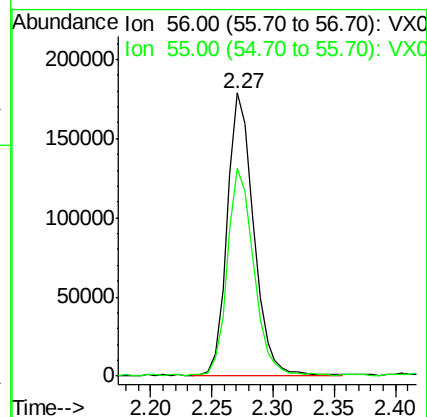
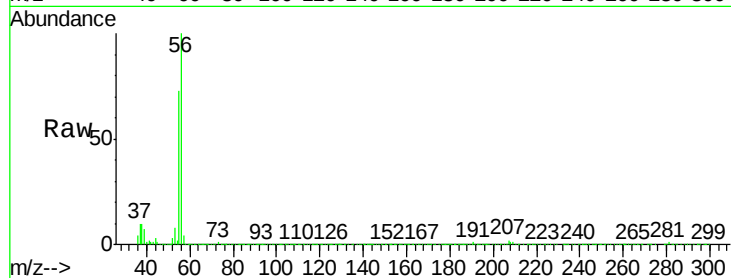
55 73.5 56.1 84.1

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#14

Allyl chloride

Concen: 48.237 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

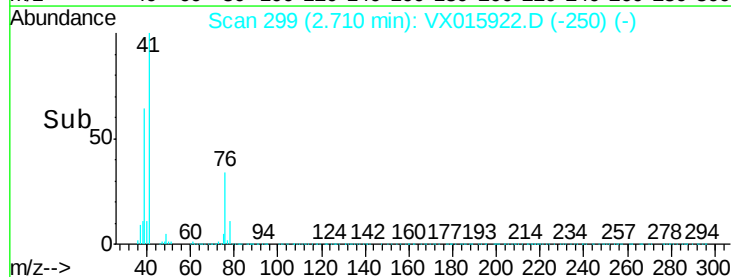
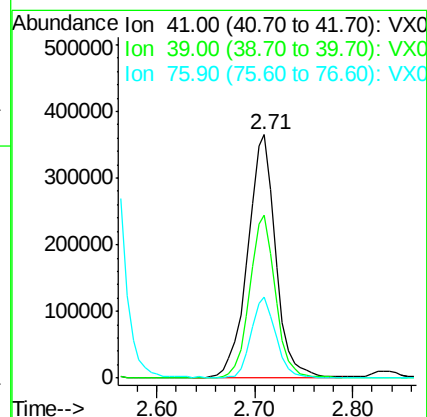
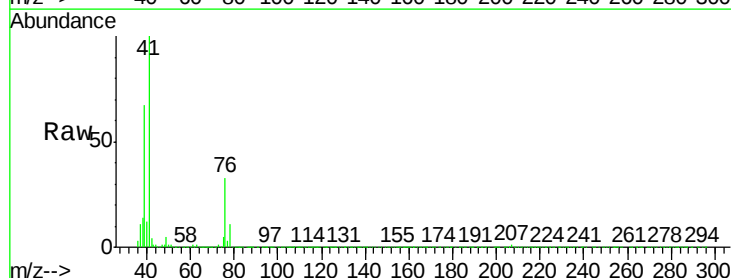
Tgt Ion: 41 Resp: 722866

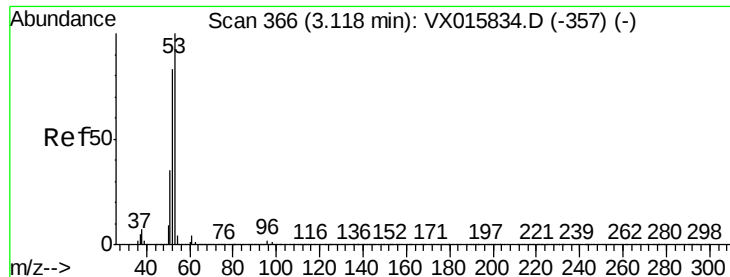
Ion Ratio Lower Upper

41 100

39 61.4 48.4 72.6

76 29.3 23.8 35.8





#15

Acrylonitrile

Concen: 267.944 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

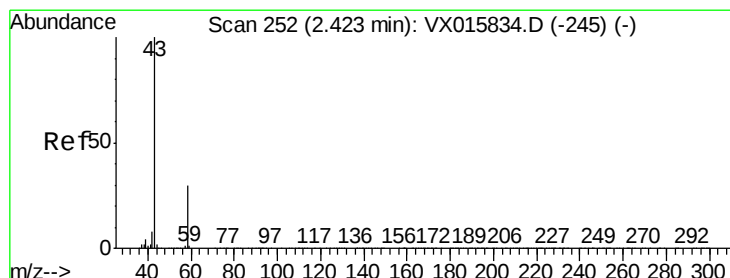
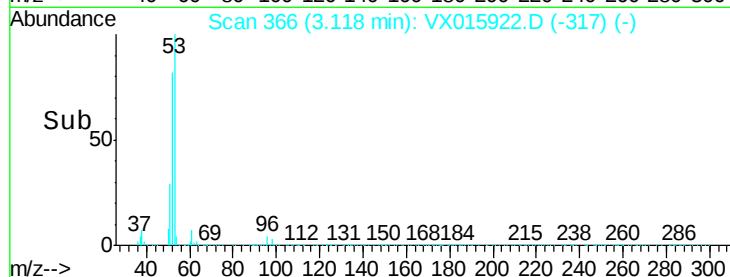
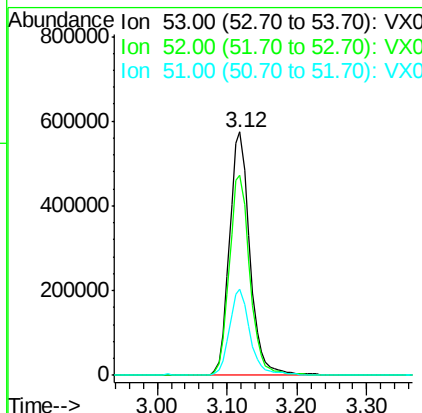
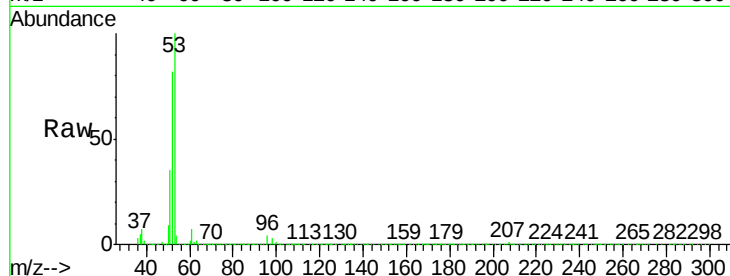
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1163660
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.2	99.4
51	35.7	28.6	43.0

Manual Integrations
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#16

Acetone

Concen: 243.111 ug/l

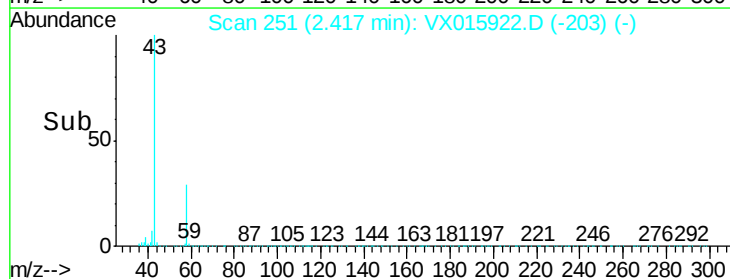
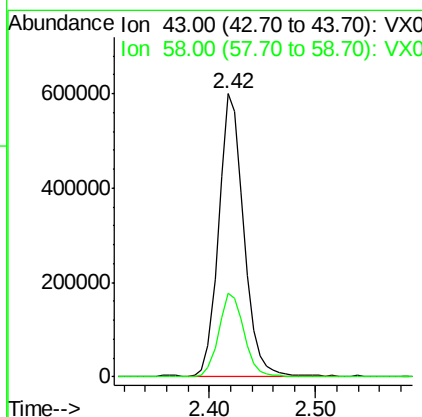
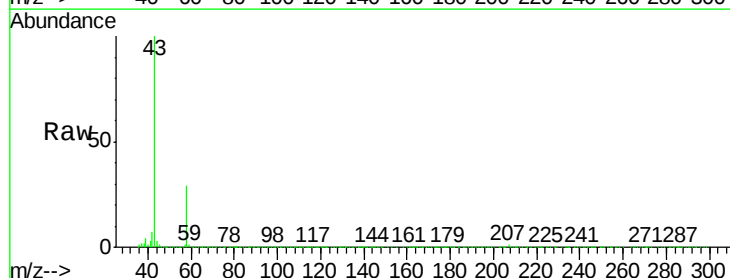
RT: 2.42 min Scan# 251

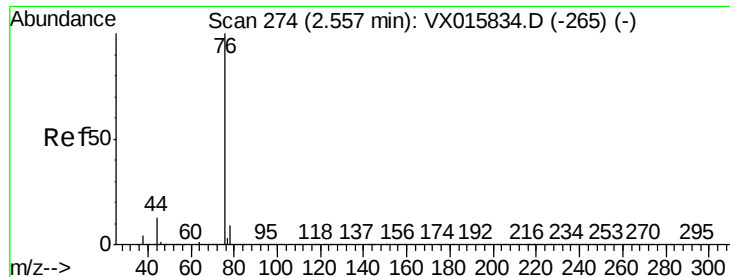
Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	43	Resp:	969375
Ion	Ratio	Lower	Upper
43	100		
58	29.4	24.0	36.0





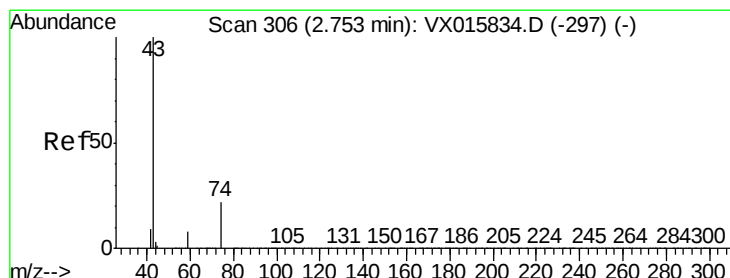
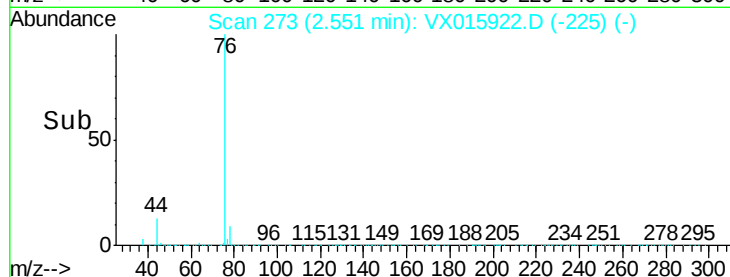
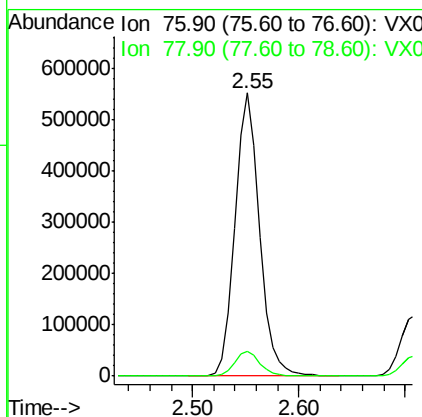
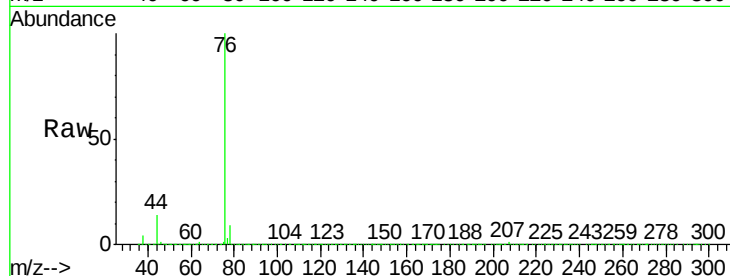
#17
Carbon Disulfide
Concen: 34.892 ug/l
RT: 2.55 min Scan# 273
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.4	11.2

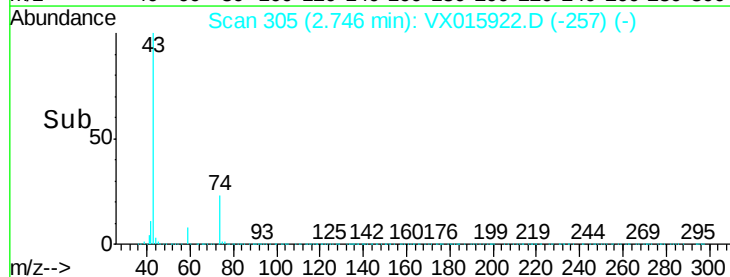
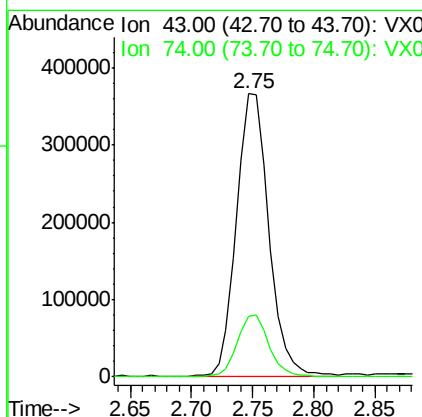
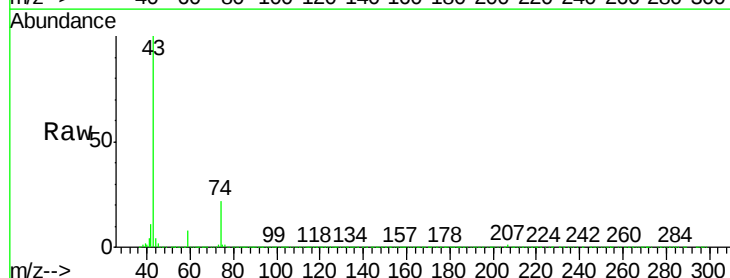
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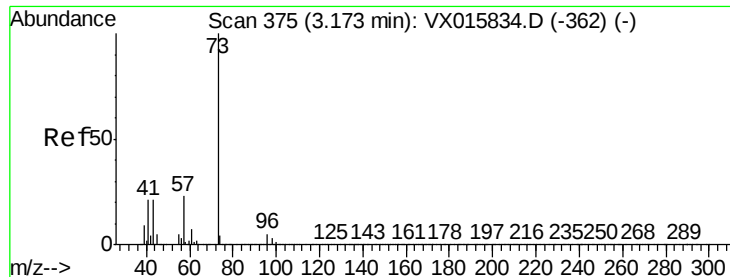
MMDadoda
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#18
Methyl Acetate
Concen: 50.739 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
43	100		
74	22.2	17.9	26.9





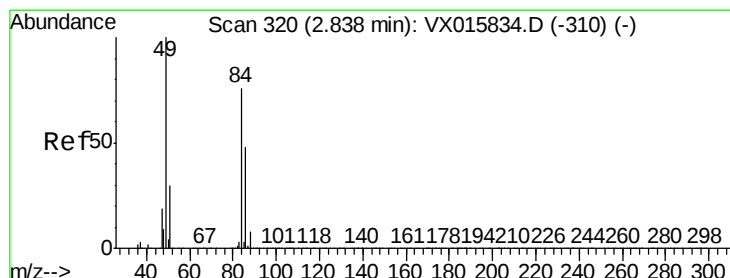
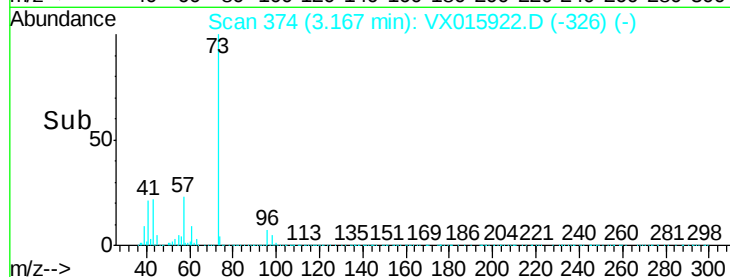
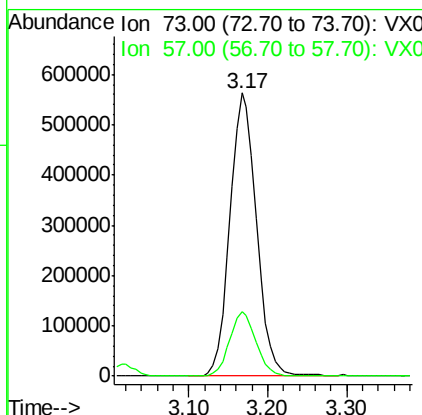
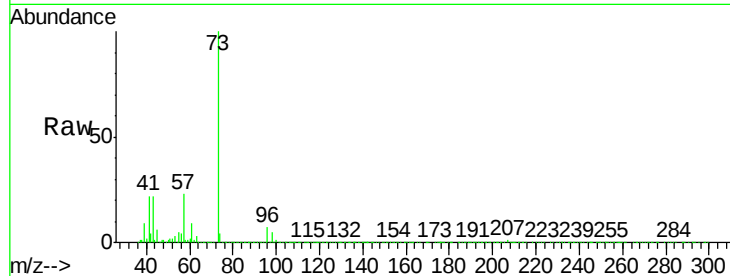
#19
Methvl tert-butvl Ether
Concen: 52.648 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1310733
Ion Ratio Lower Upper
73 100
57 22.7 18.1 27.1

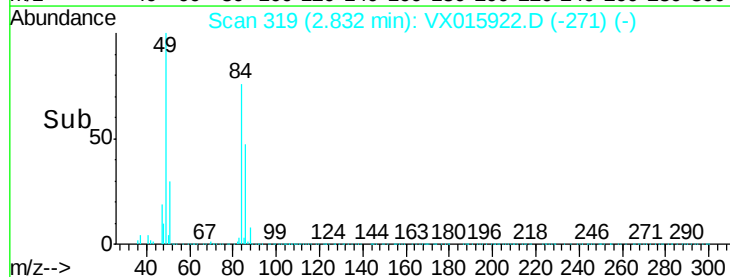
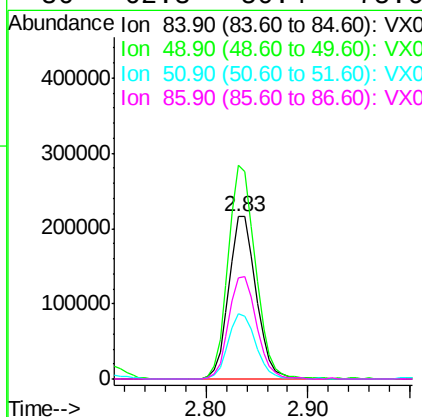
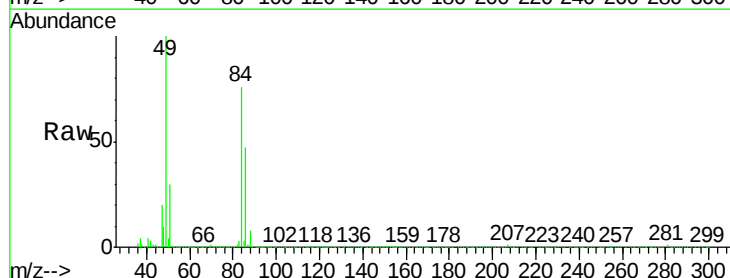
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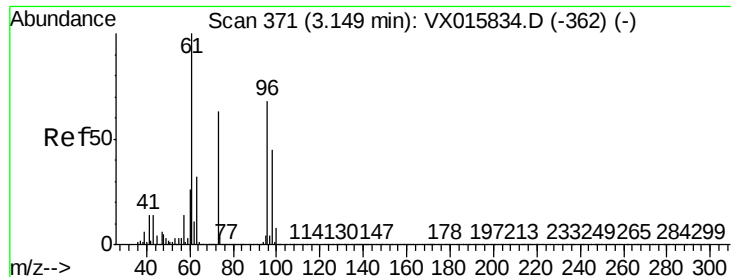
MMDadoda
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#20
Methylene Chloride
Concen: 49.639 ug/l
RT: 2.83 min Scan# 319
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 84 Resp: 401809
Ion Ratio Lower Upper
84 100
49 131.2 104.9 157.3
51 39.9 32.0 48.0
86 62.3 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 50.422 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

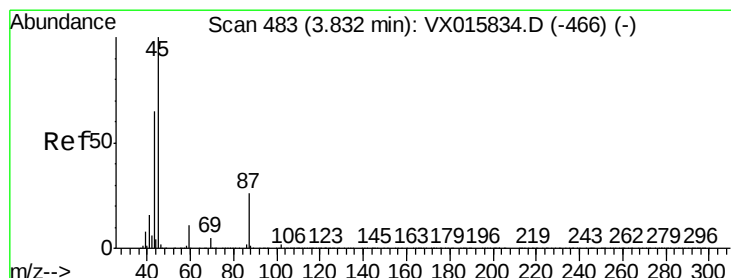
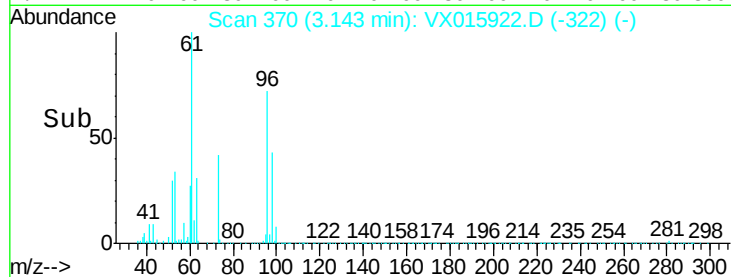
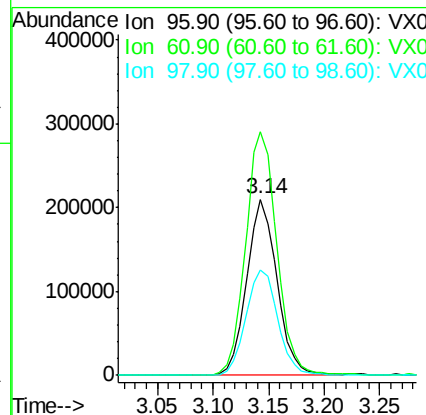
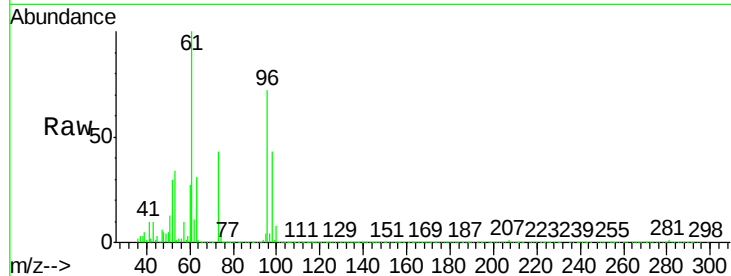
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	394526
Ion Ratio	Lower	Upper	
96	100		
61	138.3	117.5	176.3
98	59.9	52.7	79.1

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#22

Diisopropyl ether

Concen: 52.328 ug/l

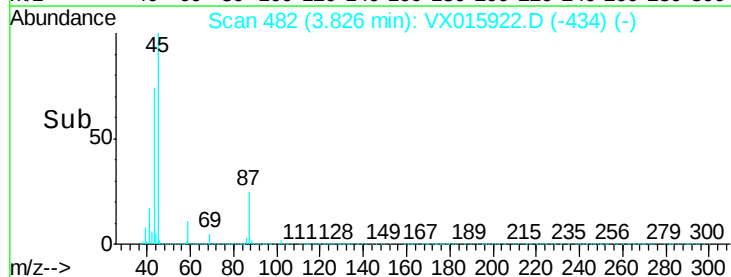
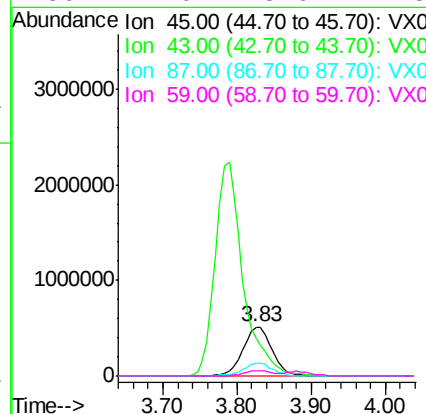
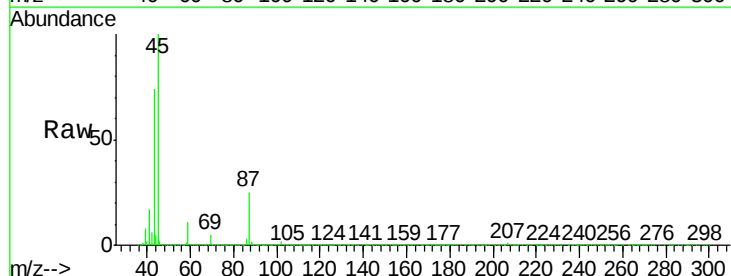
RT: 3.83 min Scan# 482

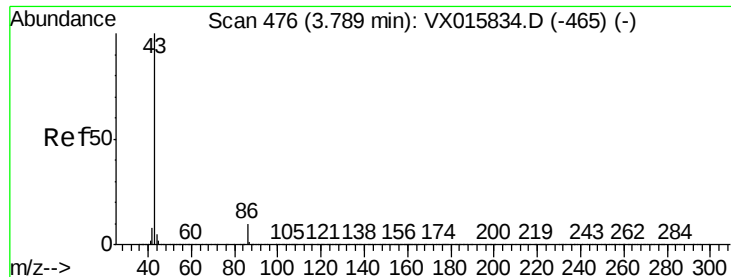
Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	45	Resp:	1413375
Ion Ratio	Lower	Upper	
45	100		
43	73.6	52.4	78.6
87	25.3	20.7	31.1
59	11.0	8.6	12.8





#23

Vinyl Acetate

Concen: 260.942 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tot Ion: 43 Resp: 5833270

Ion Ratio Lower Upper

43 100

86 9.7 8.0 12.0

Instrument :

MSVOA_X

ClientSampleId :

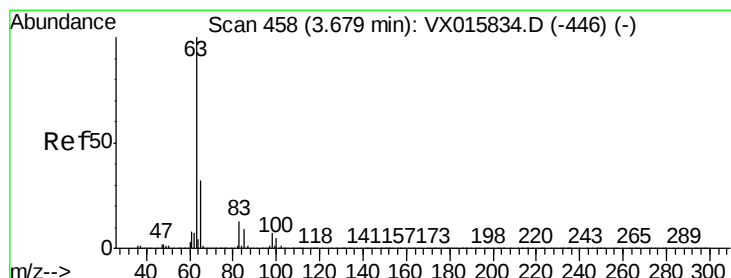
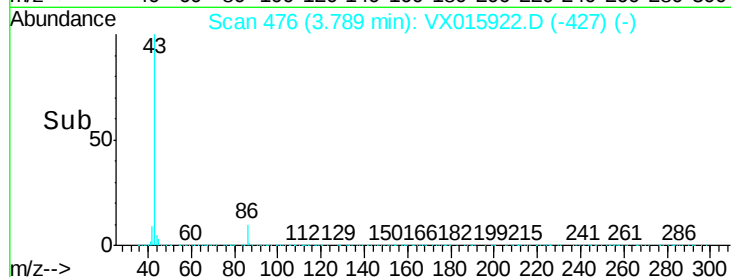
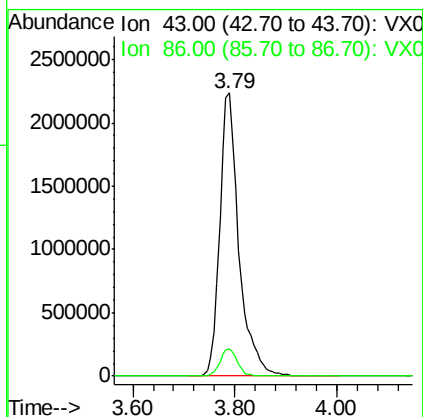
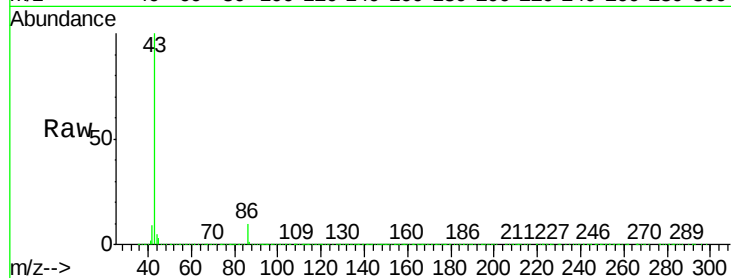
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.499 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

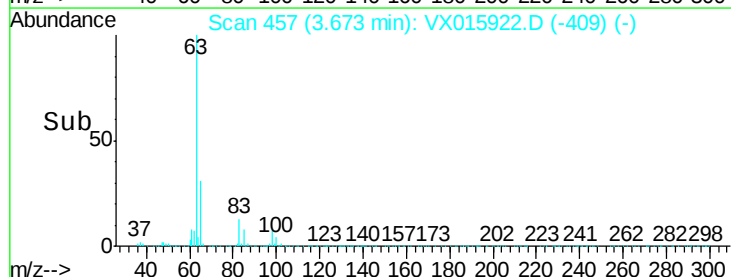
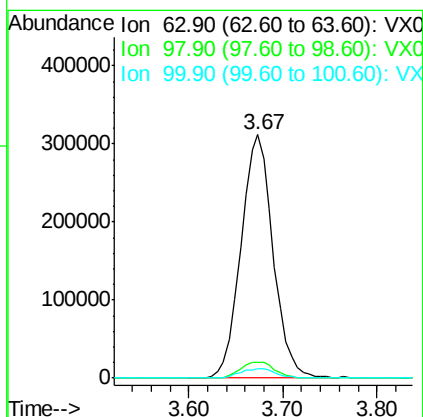
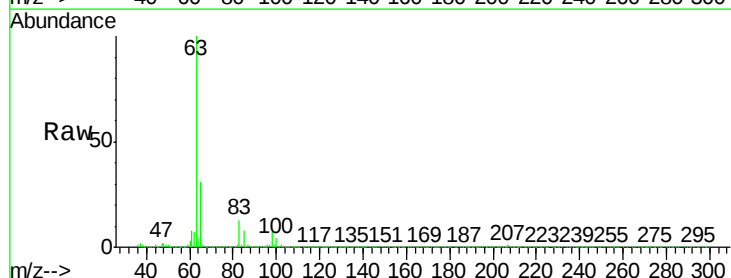
Tgt Ion: 63 Resp: 739076

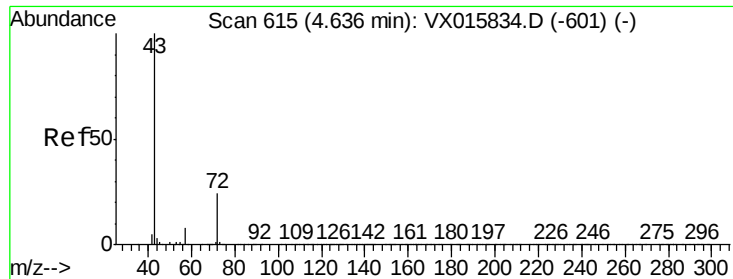
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.0 2.3 6.8





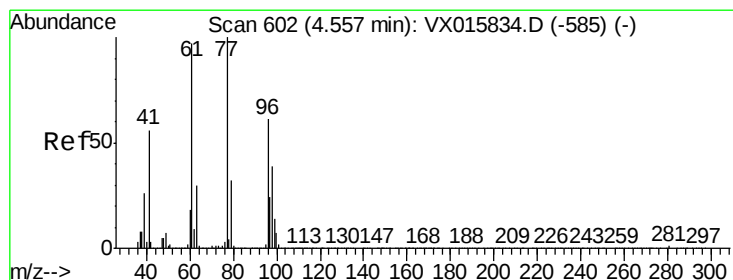
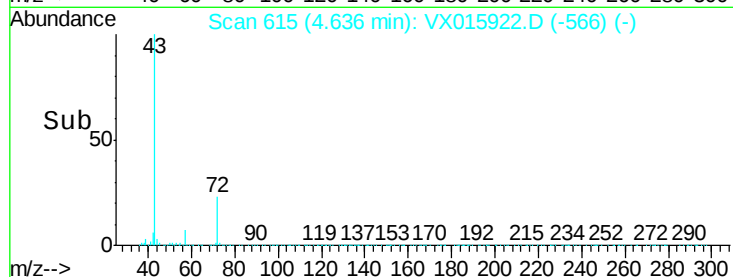
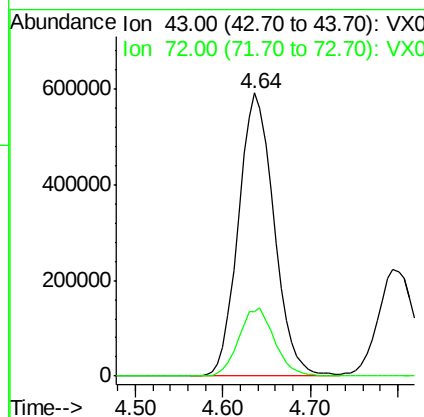
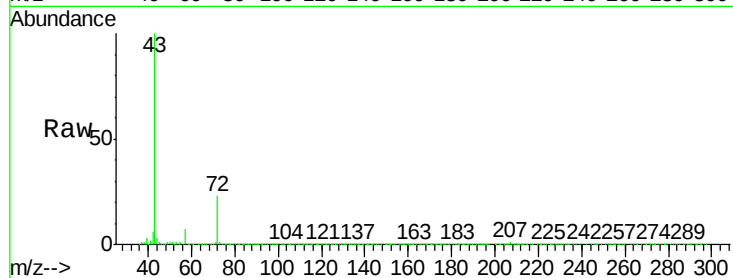
#25
2-Butanone
Concen: 263.922 ug/l
RT: 4.64 min Scan# 615
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1663341
Ion Ratio Lower Upper
43 100
72 22.8 19.4 29.2

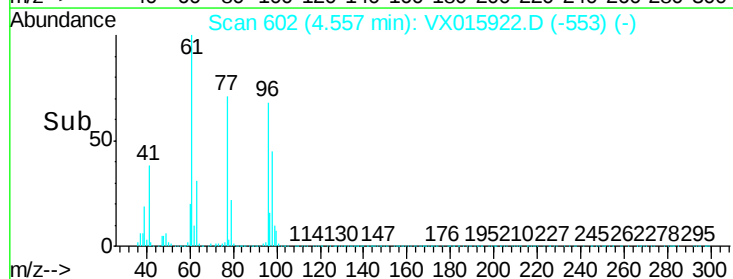
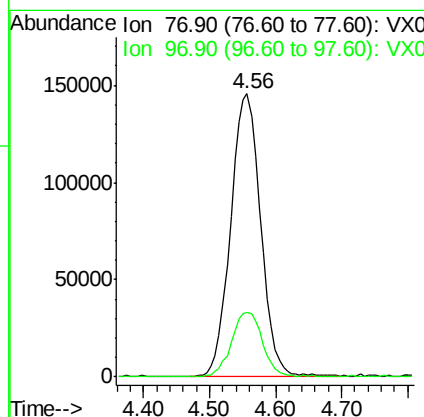
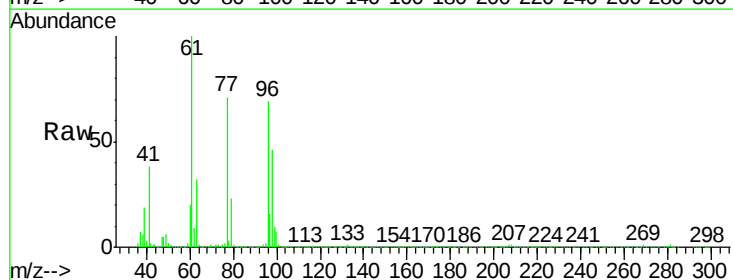
Manual Integrations
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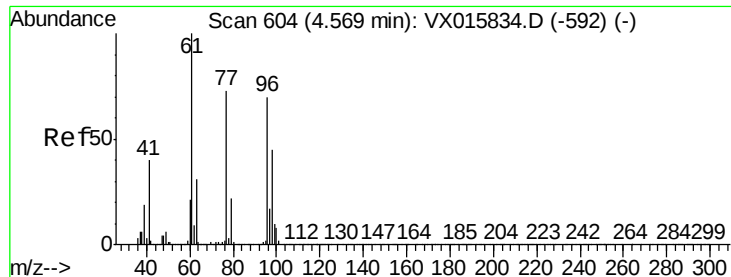
MMDadoda
4/24/2020 11:35:29 AM



#26
2,2-Dichloropropane
Concen: 36.236 ug/l
RT: 4.56 min Scan# 602
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 77 Resp: 455693
Ion Ratio Lower Upper
77 100
97 23.3 11.4 34.1





#27

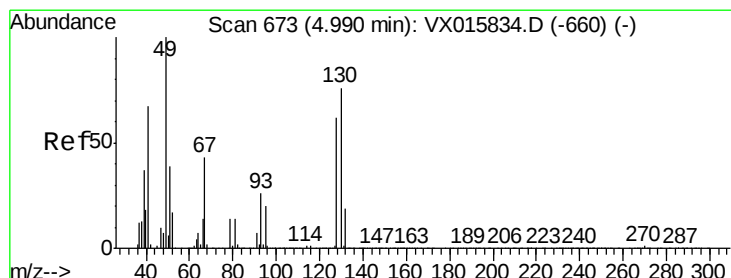
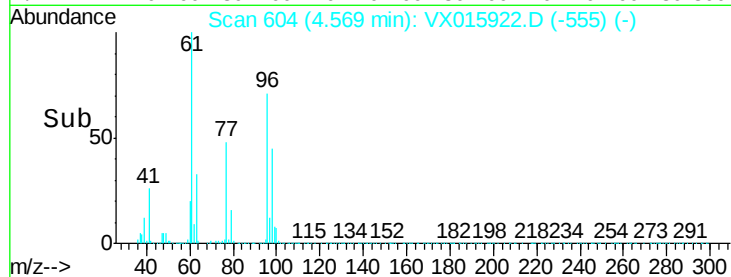
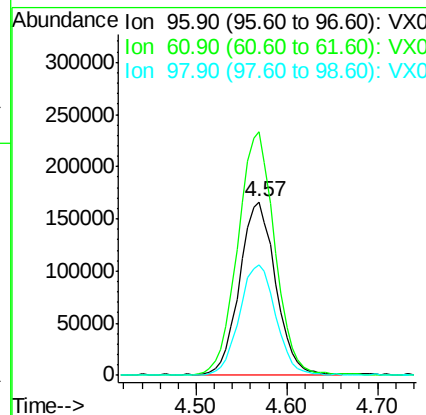
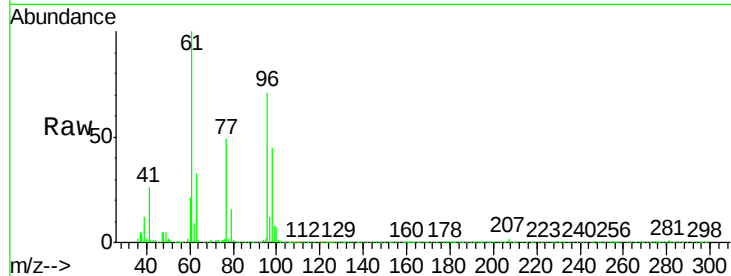
cis-1,2-Dichloroethene
Concen: 51.330 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	144.3	0.0	299.4	
98	64.1	0.0	129.6	

Manual Integrations
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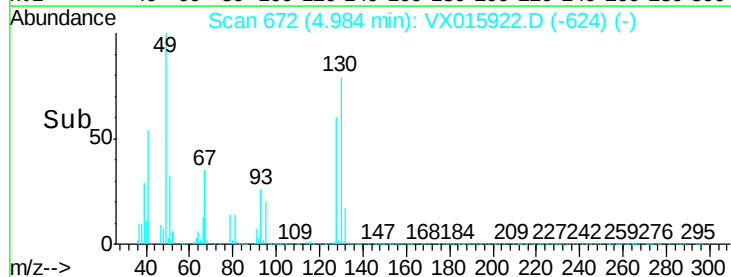
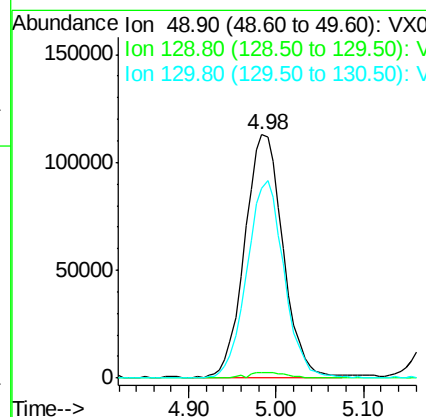
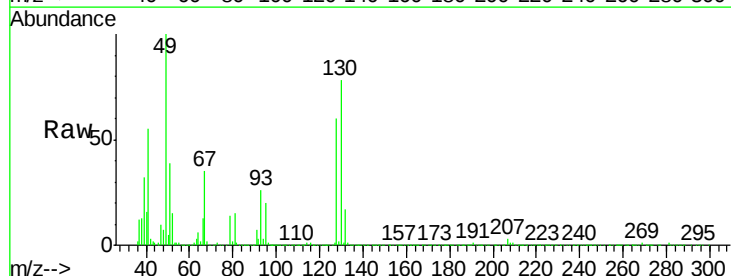
MMDadoda
4/24/2020 11:35:29 AM

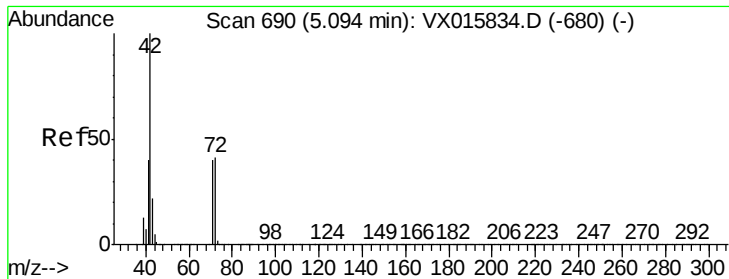


#28

Bromochloromethane
Concen: 46.285 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.2	0.0	1.8#	
130	78.9	62.4	93.6	





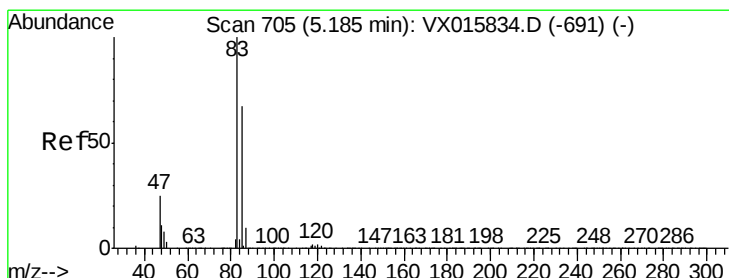
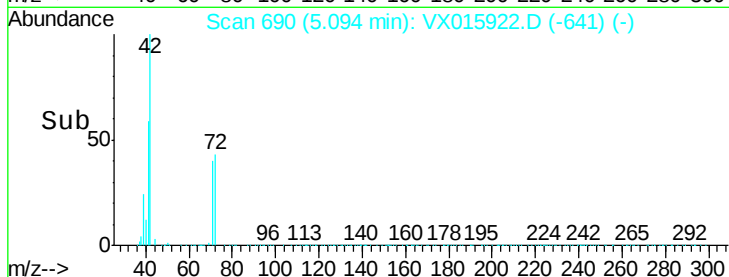
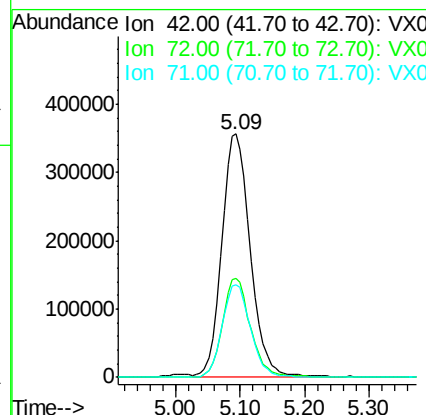
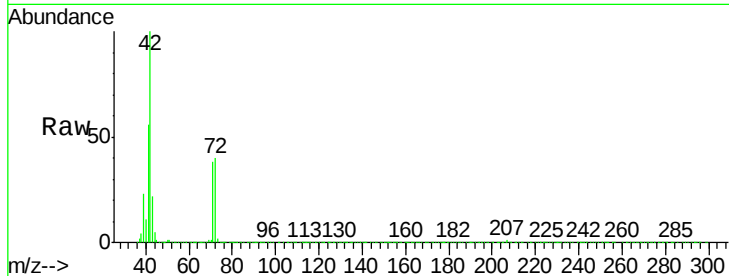
#29
Tetrahydrofuran
Concen: 263.848 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 42 Resp: 1099879
Ion Ratio Lower Upper
42 100
72 40.5 33.0 49.6
71 38.1 30.6 45.8

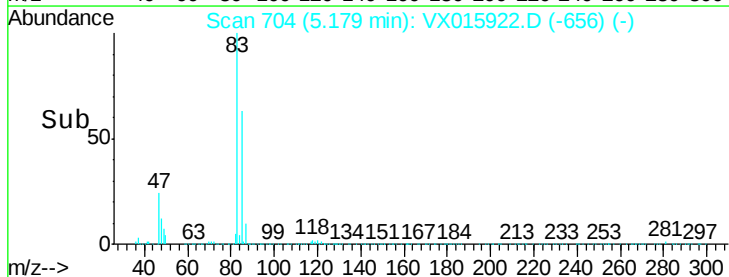
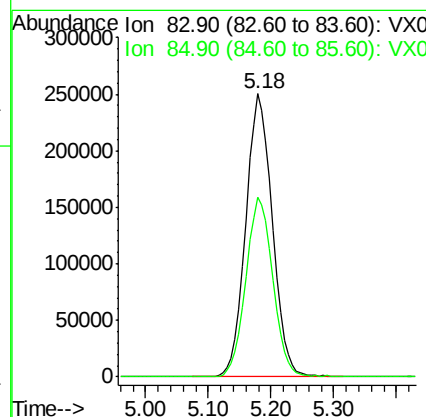
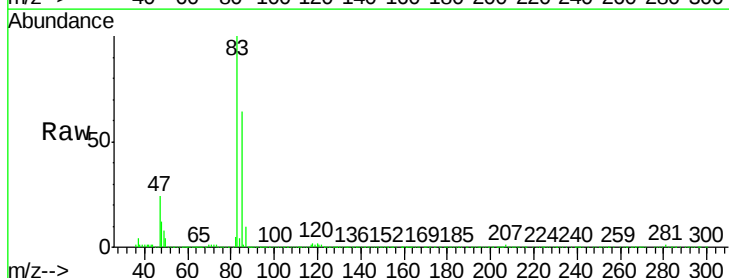
Manual Integrations
APPROVED

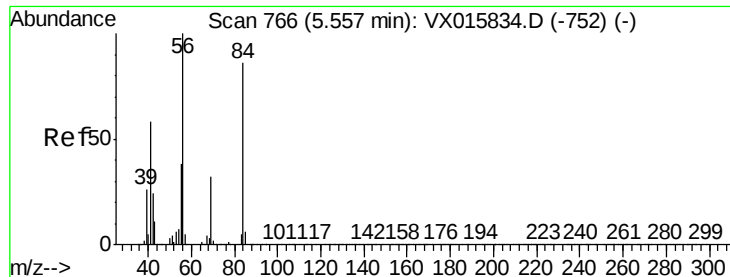
MMDadoda
4/24/2020 11:35:29 AM



#30
Chloroform
Concen: 51.985 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 83 Resp: 736336
Ion Ratio Lower Upper
83 100
85 63.5 53.4 80.0





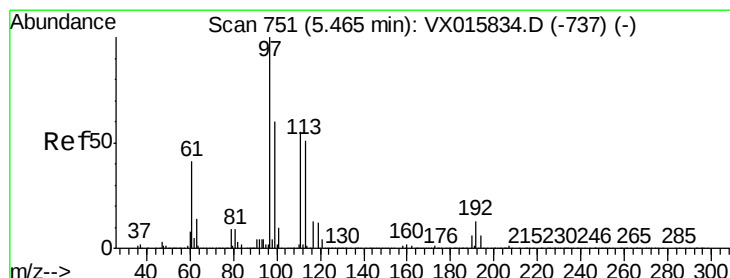
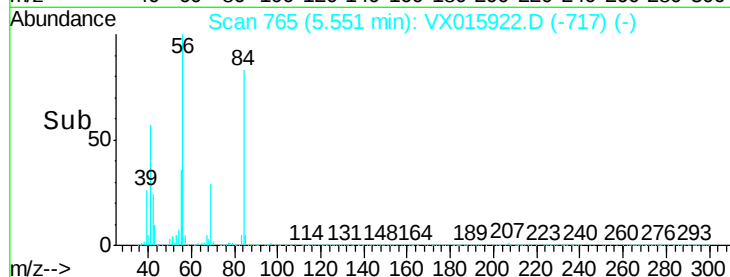
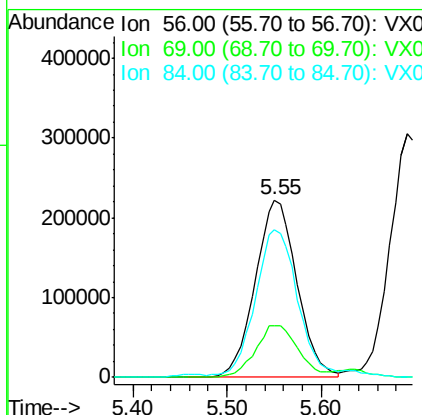
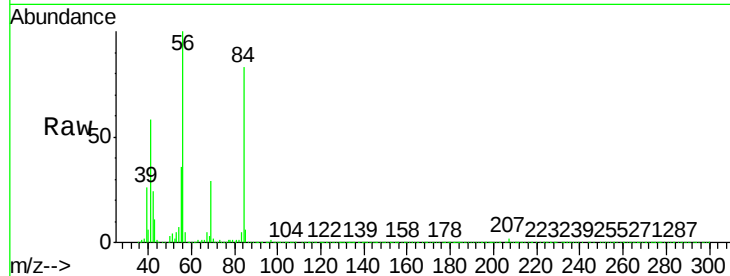
#31
Cyclohexane
Concen: 51.248 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
56	100			
69	29.1	25.3	37.9	
84	81.5	69.1	103.7	

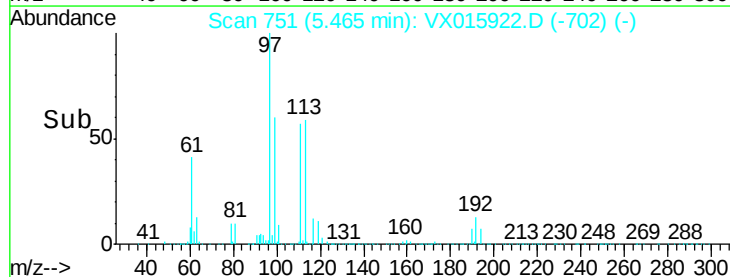
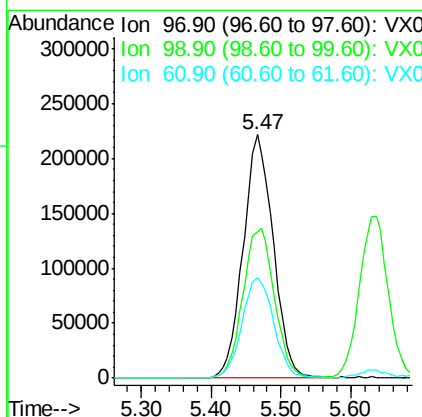
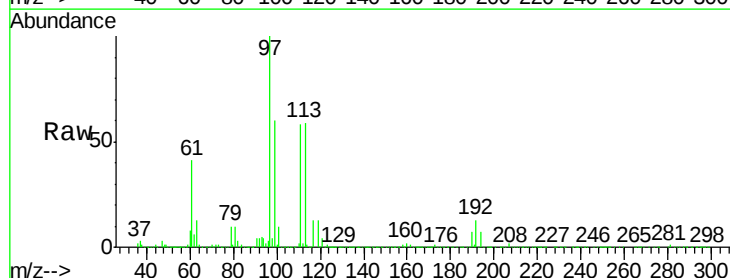
Manual Integrations
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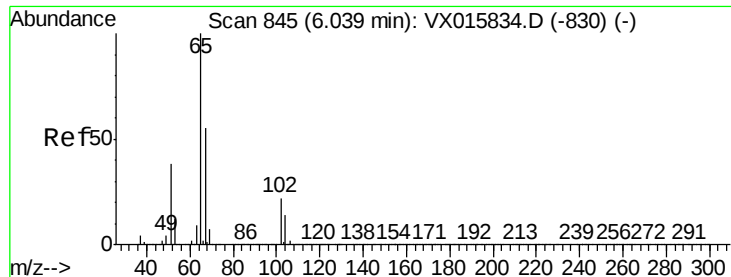
MMDadoda
4/24/2020 11:35:29 AM



#32
1,1,1-Trichloroethane
Concen: 52.478 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ion	Ratio	Lower	Upper
97	100			
99	64.6	51.2	76.8	
61	43.2	34.1	51.1	





#33

1,2-Dichloroethane-d4

Concen: 53.342 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 488475

Ion Ratio Lower Upper

65 100

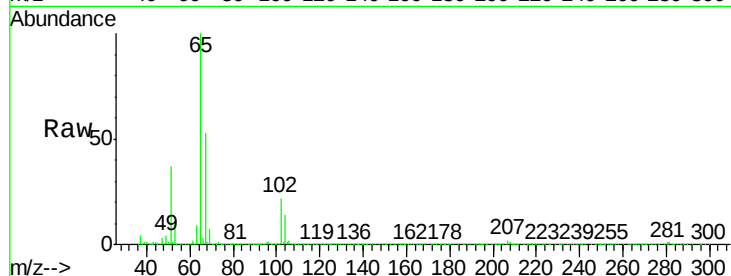
67 51.7 0.0 104.2

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

200000

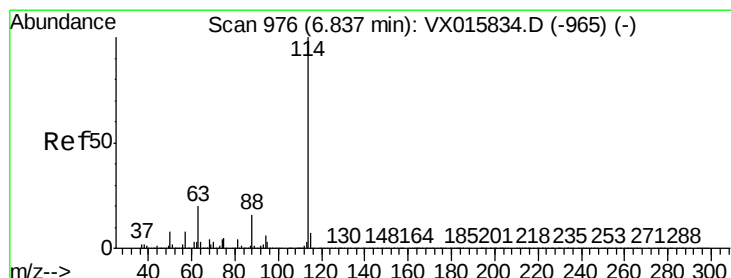
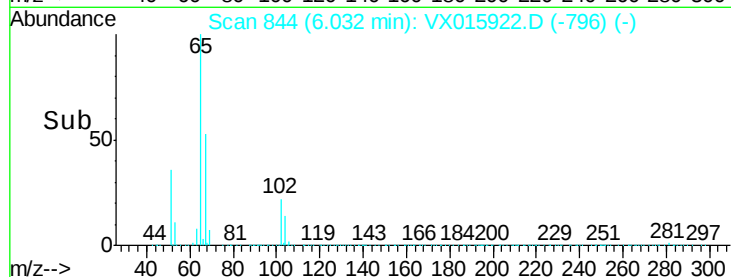
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

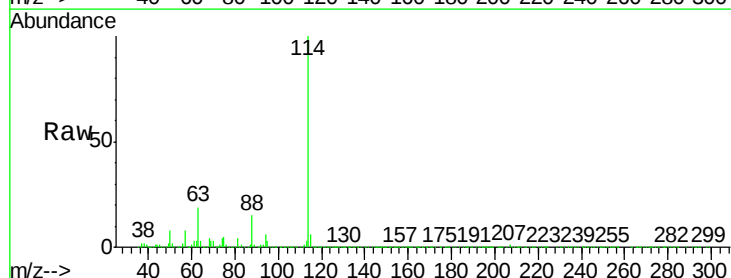
Tgt Ion: 114 Resp: 1251199

Ion Ratio Lower Upper

114 100

63 19.4 0.0 40.6

88 15.4 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

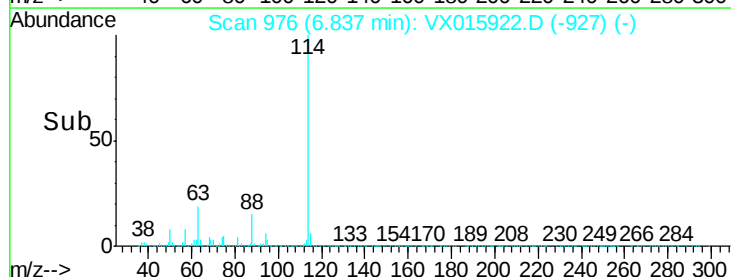
600000

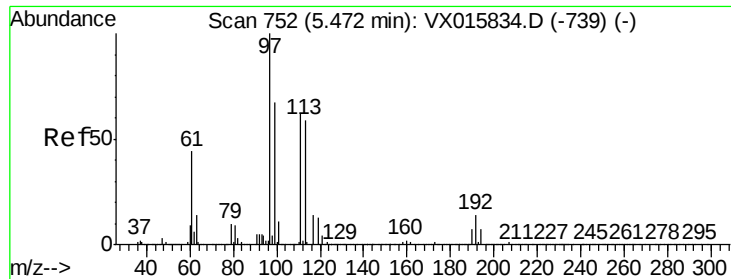
400000

200000

0

Time-->





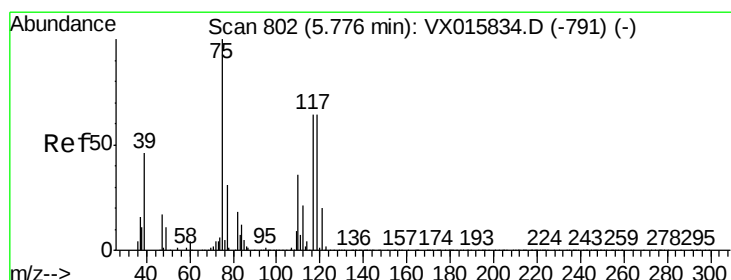
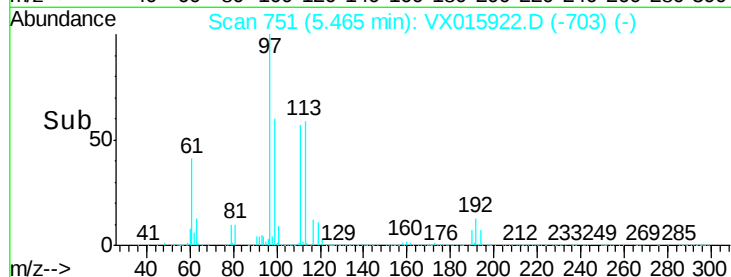
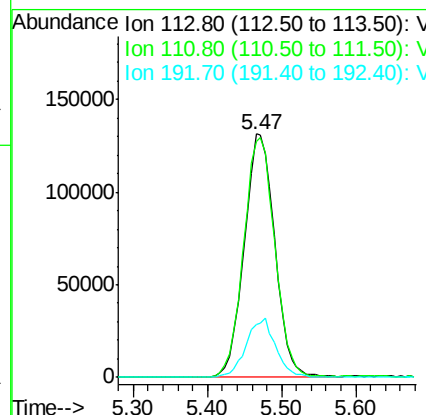
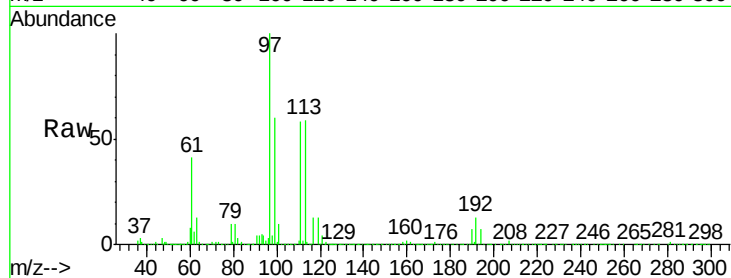
#35
 Dibromofluoromethane
 Concen: 52.167 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	376761		
111	101.0	82.7	124.1	
192	23.2	19.3	28.9	

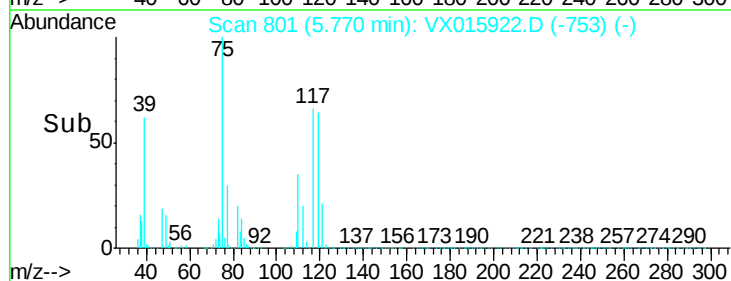
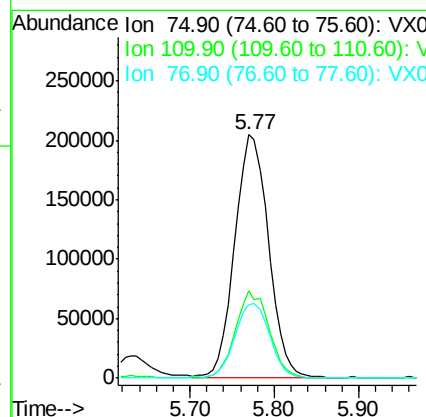
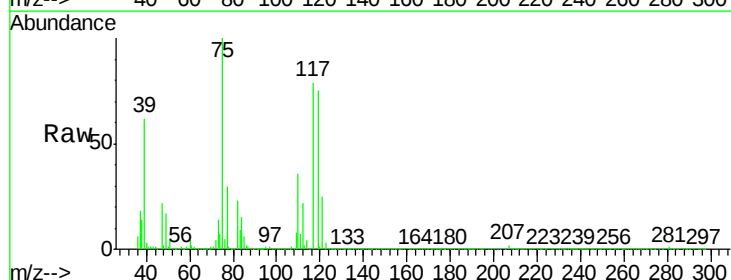
Manual Integrations
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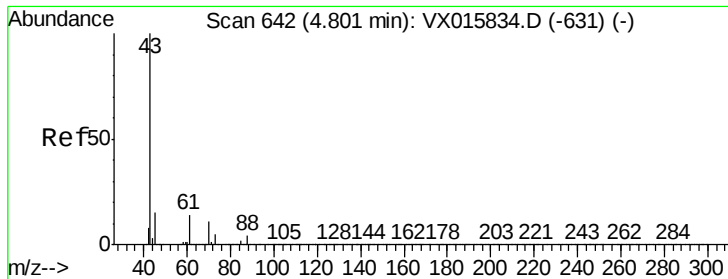
MMDadoda
 4/24/2020 11:35:29 AM



#36
 1,1-Dichloropropene
 Concen: 49.826 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	552675		
110	35.7	17.9	53.8	
77	31.3	24.5	36.7	





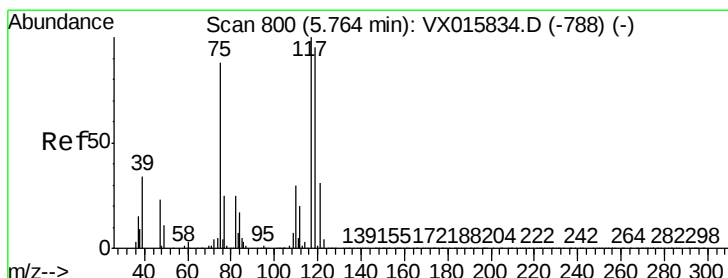
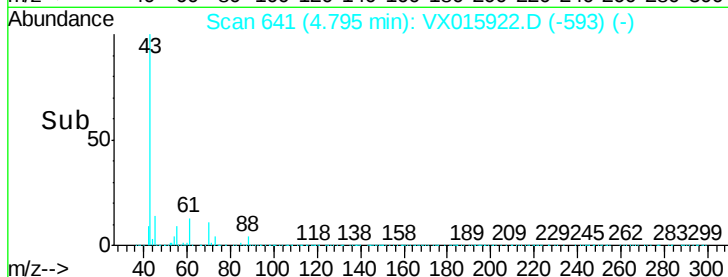
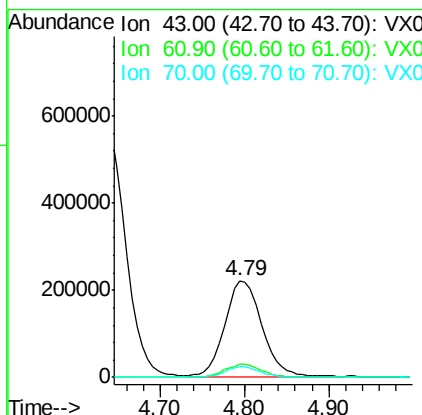
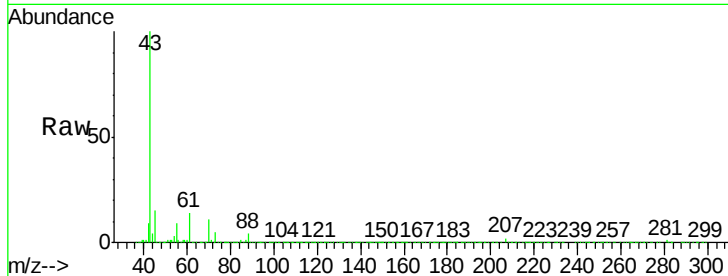
#37
Ethyl Acetate
Concen: 49.757 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:	43	Resp:	656848
Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.8	16.2
70	10.4	8.2	12.2

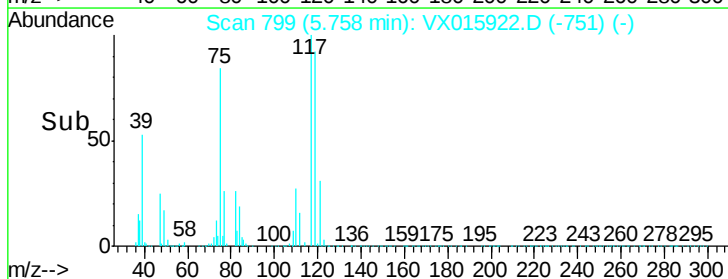
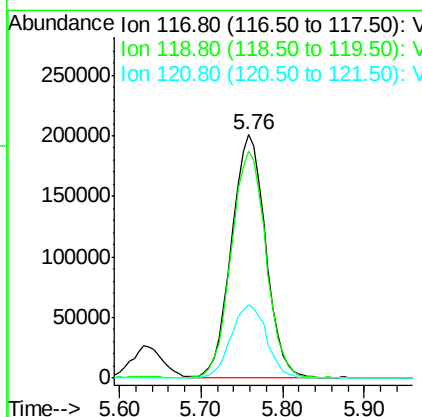
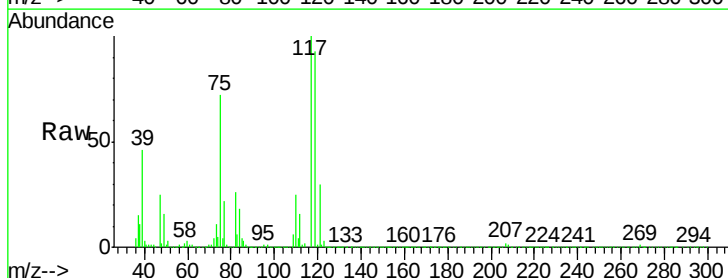
Manual Integrations
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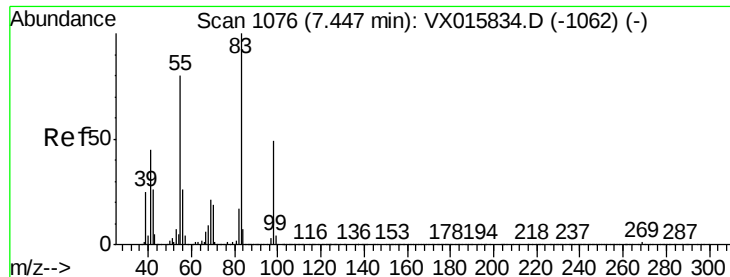
MMDadoda
4/24/2020 11:35:29 AM



#38
Carbon Tetrachloride
Concen: 53.063 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion:	117	Resp:	579761
Ion	Ratio	Lower	Upper
117	100		
119	93.0	75.7	113.5
121	30.3	25.0	37.6





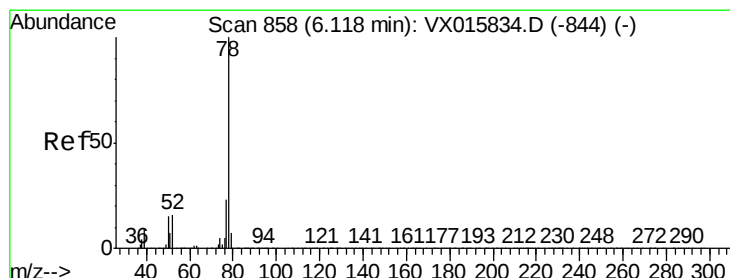
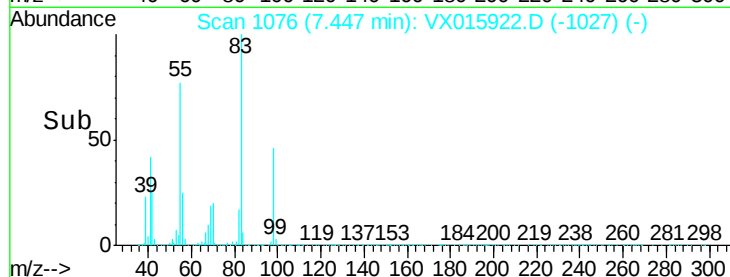
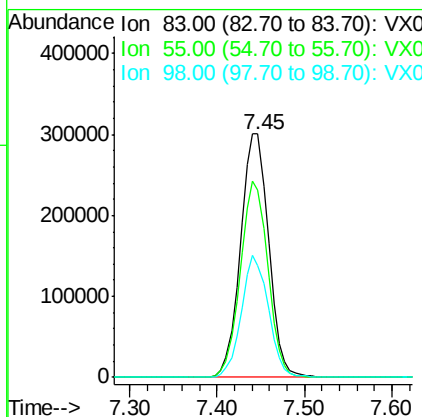
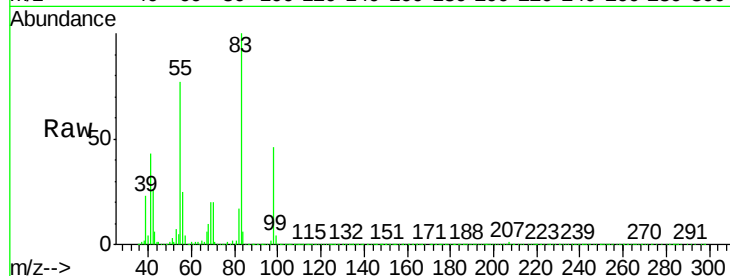
#39
Methvlcvclohexane
Concen: 47.635 ug/l
RT: 7.45 min Scan# 1076
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	76.9	64.2	96.4
98	45.9	39.3	58.9

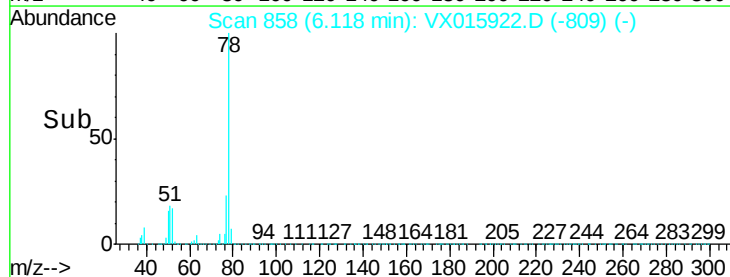
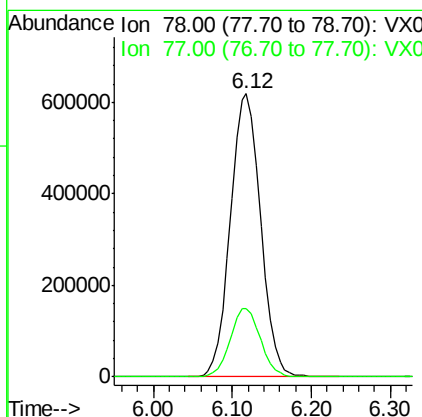
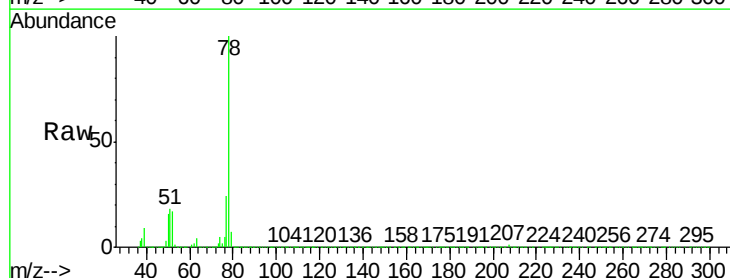
Manual Integrations
APPROVED

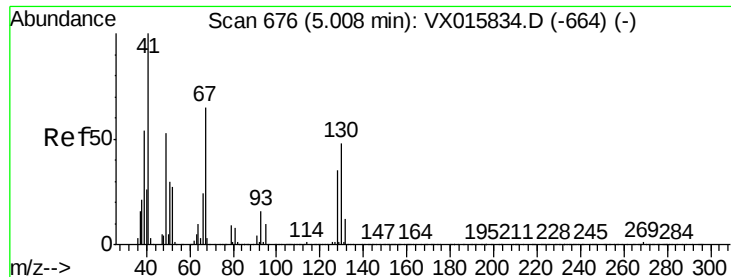
MMDadoda
4/24/2020 11:35:29 AM



#40
Benzene
Concen: 49.327 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	18.6	27.8





#41

Methacrylonitrile

Concen: 51.309 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

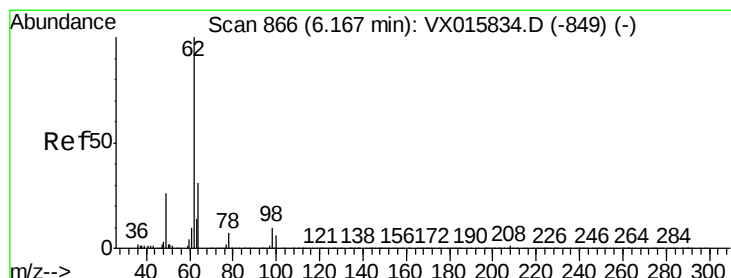
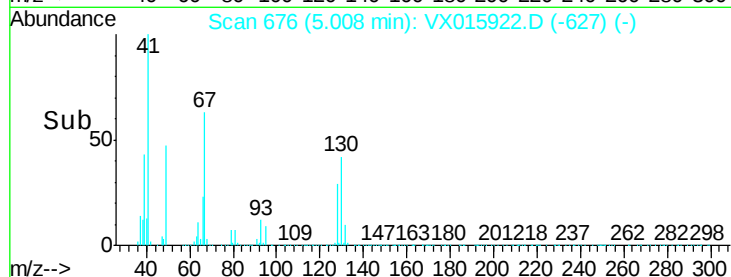
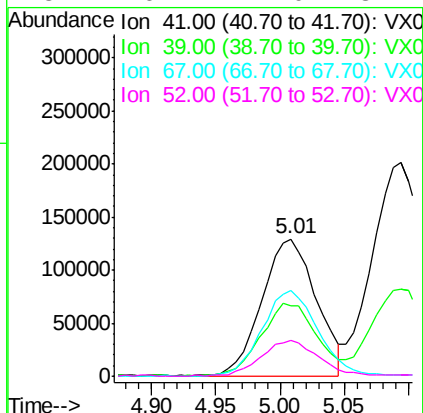
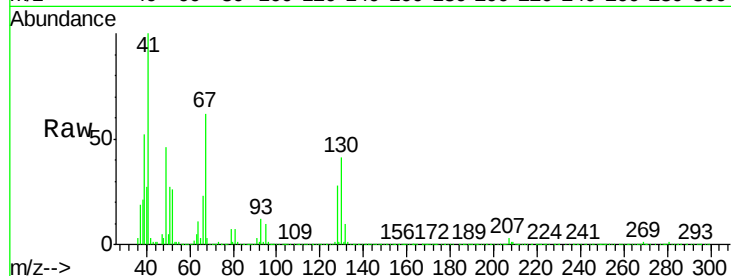
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
376379	41	100		
	39	55.0	42.4	63.6
	67	65.3	51.9	77.9
	52	26.7	21.0	31.4

Manual Integrations
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MMDadoda
4/24/2020 11:35:29 AM



#42

1,2-Dichloroethane

Concen: 50.264 ug/l

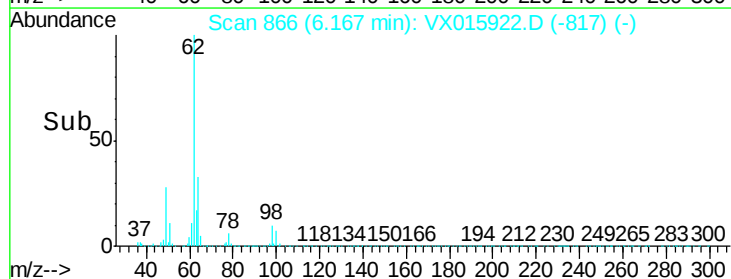
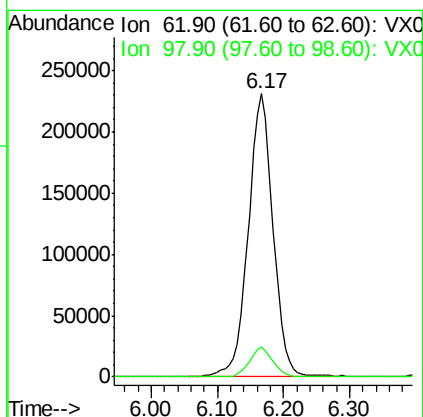
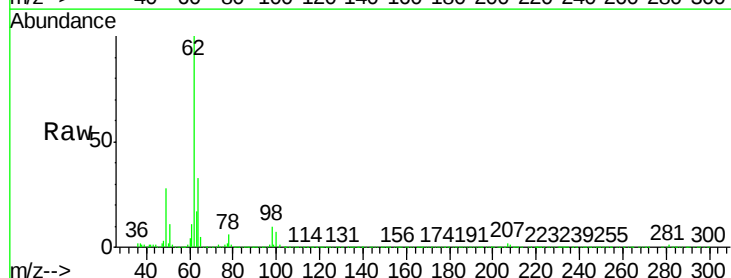
RT: 6.17 min Scan# 866

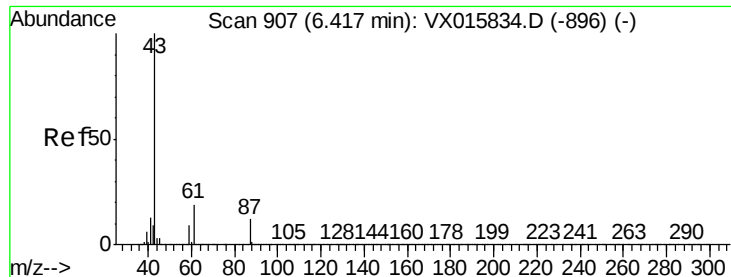
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion	Ion	Ratio	Lower	Upper
604682	62	100		
	98	9.9	0.0	20.0





#43

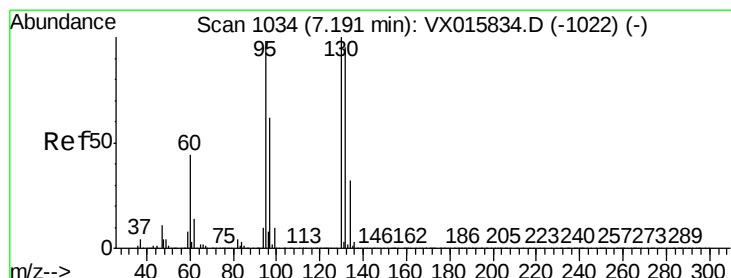
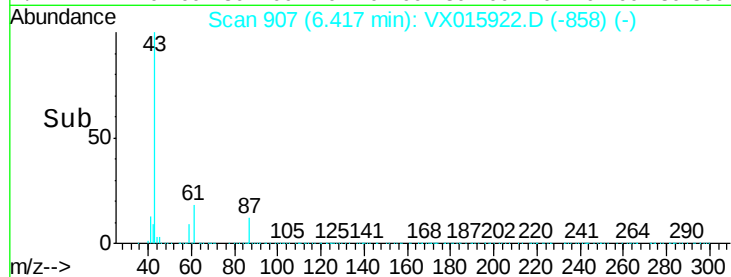
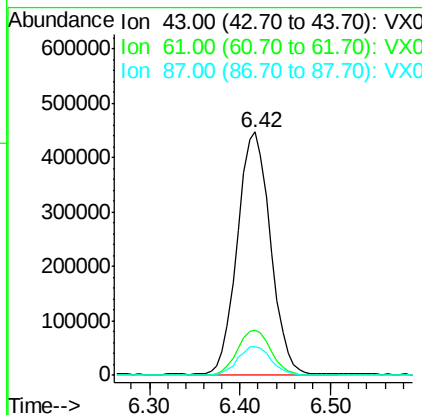
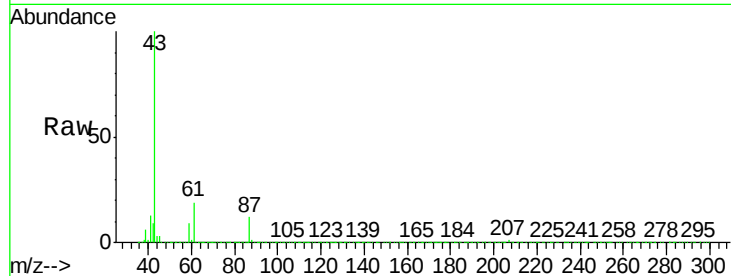
Isopropyl Acetate
 Concen: 50.587 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.1	15.4	23.2
87	12.1	9.8	14.6

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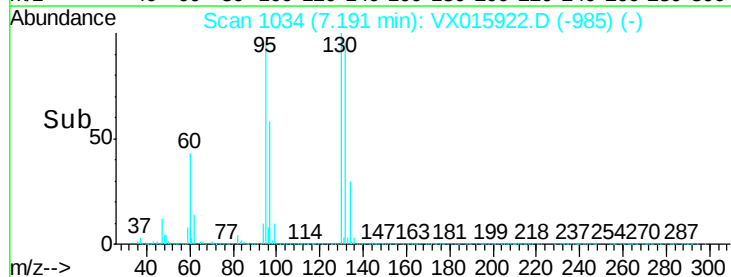
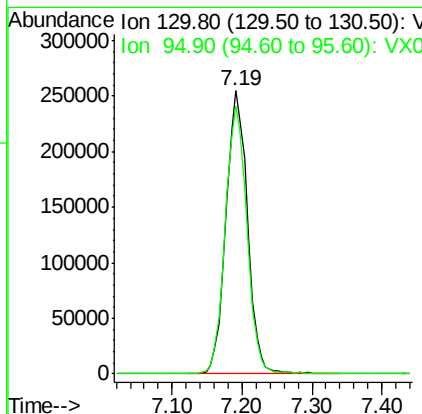
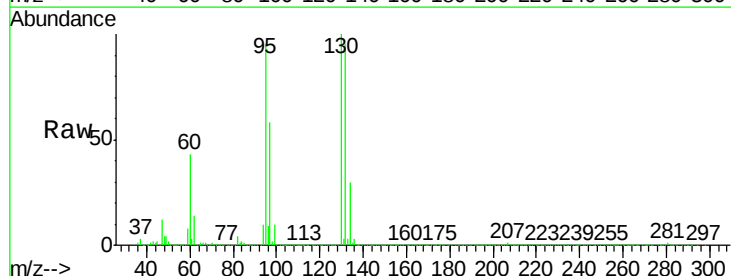
MMDadoda
 4/24/2020 11:35:29 AM

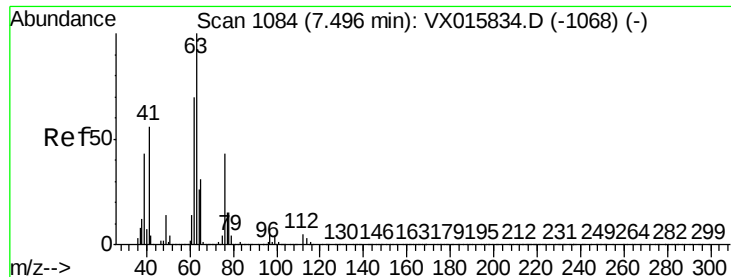


#44

Trichloroethene
 Concen: 46.399 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.4	0.0	195.8





#45

1,2-Dichloropropane

Concen: 49.970 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 437486

Ion Ratio Lower Upper

63 100

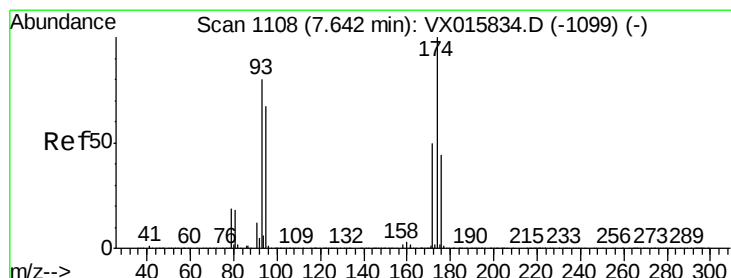
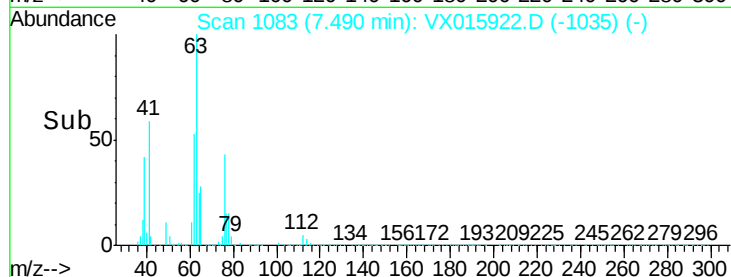
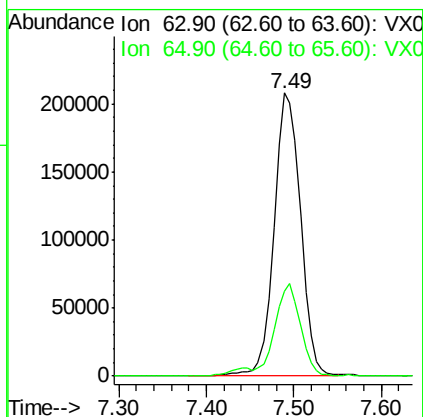
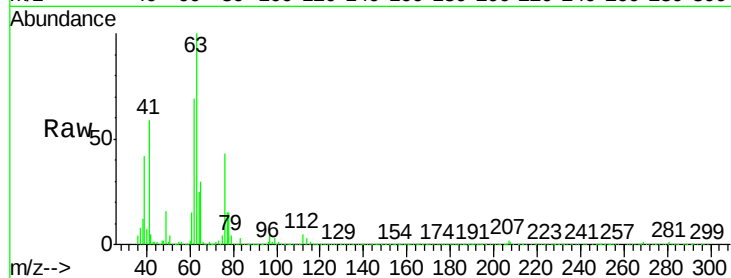
65 29.8 24.5 36.7

Manual Integrations

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#46

Dibromomethane

Concen: 46.027 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

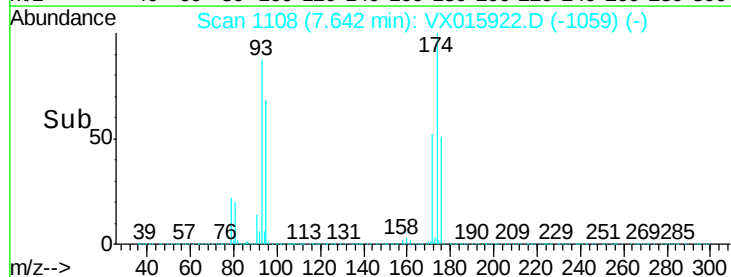
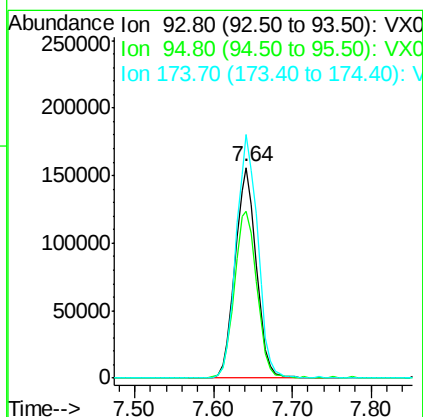
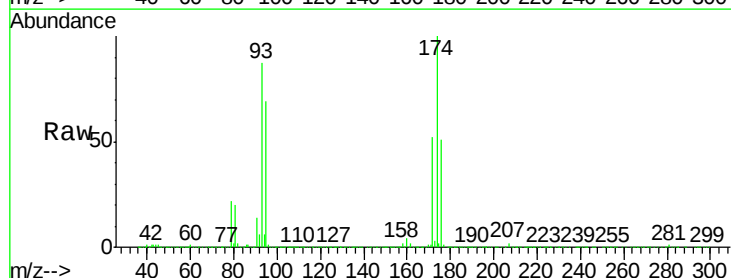
Tgt Ion: 93 Resp: 294159

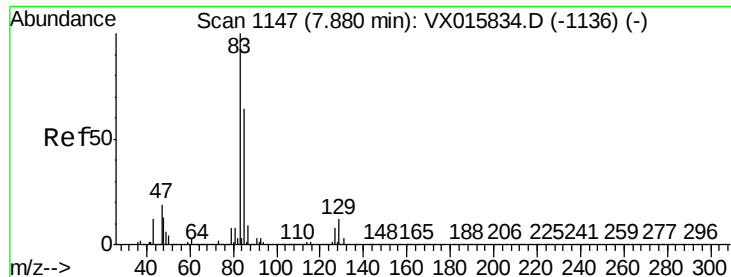
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.8

174 116.6 95.6 143.4





#47

Bromodichloromethane

Concen: 52.310 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

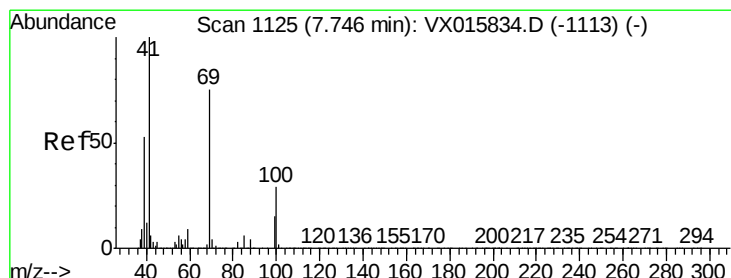
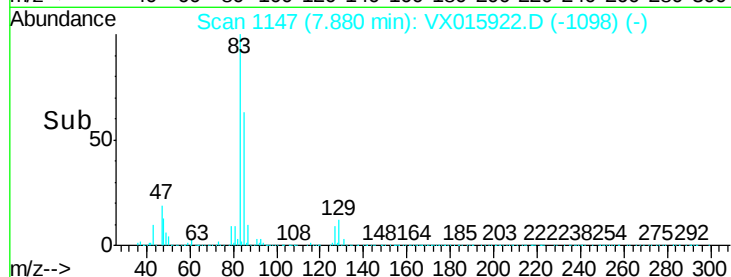
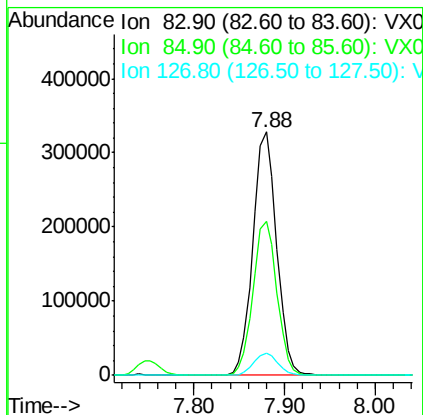
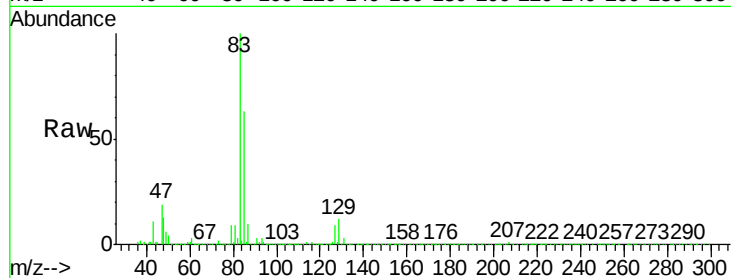
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	594749
Ion Ratio	Lower	Upper	
83	100		
85	63.1	50.8	76.2
127	8.9	6.6	10.0

Manual Integrations
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4/24/2020 11:35:29 AM



#48

Methyl methacrylate

Concen: 50.760 ug/l

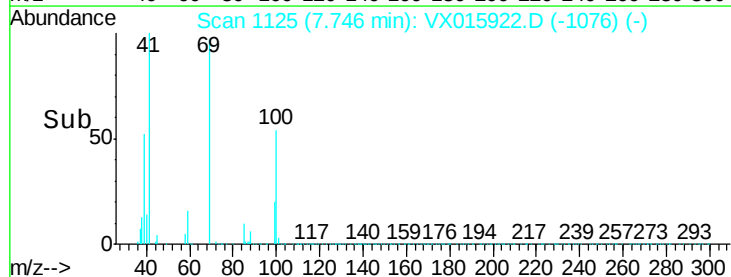
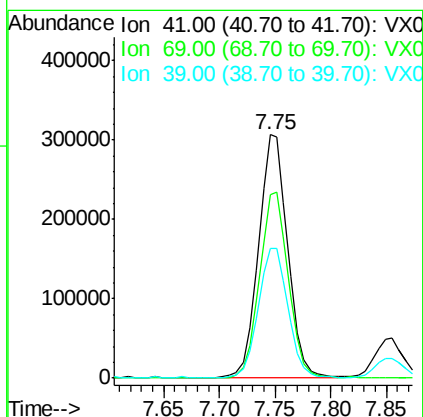
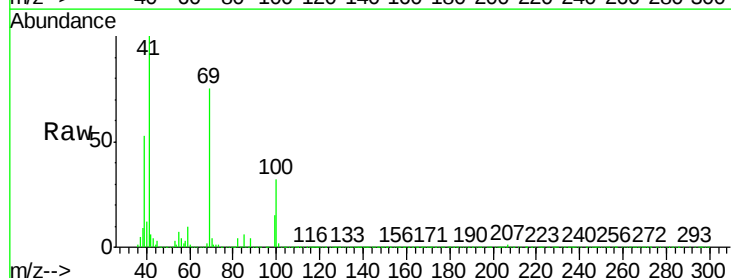
RT: 7.75 min Scan# 1125

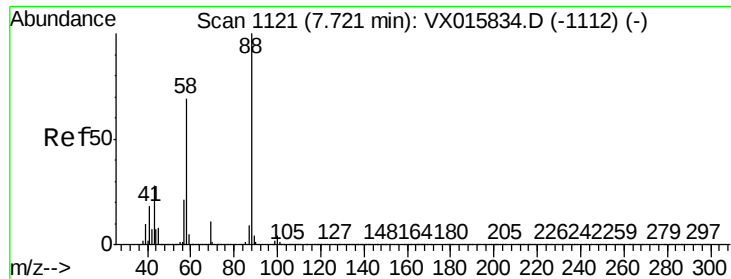
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	41	Resp:	555998
Ion Ratio	Lower	Upper	
41	100		
69	76.2	60.5	90.7
39	54.5	42.1	63.1





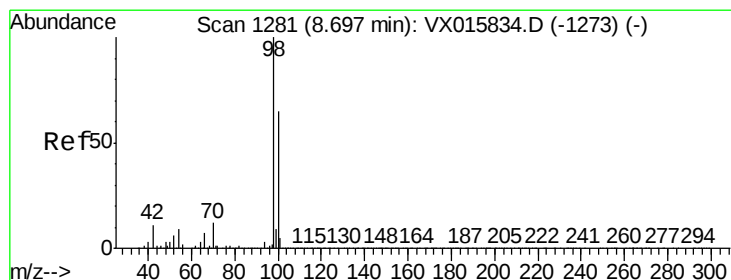
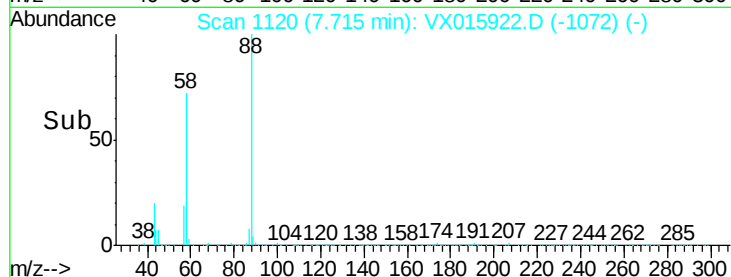
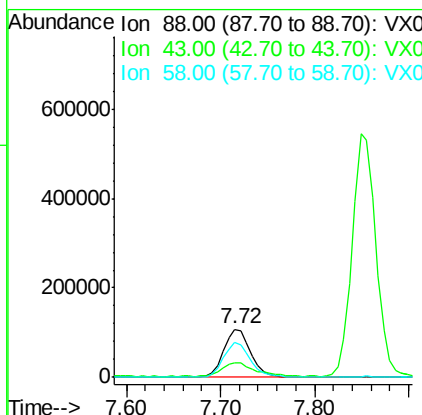
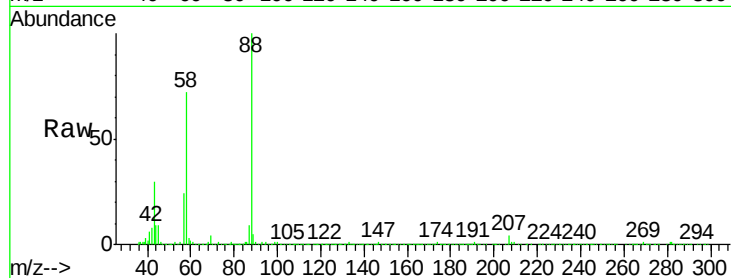
#49
1,4-Dioxane
Concen: 1016.329 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.7	28.2	42.4
58	72.1	58.9	88.3

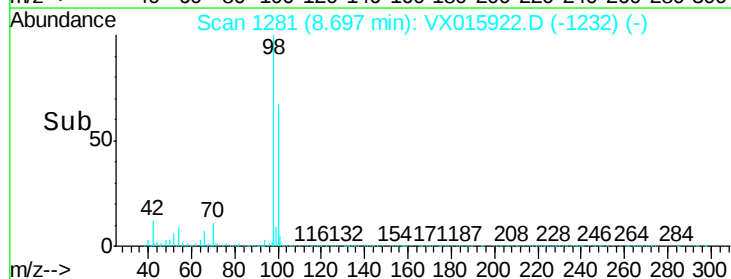
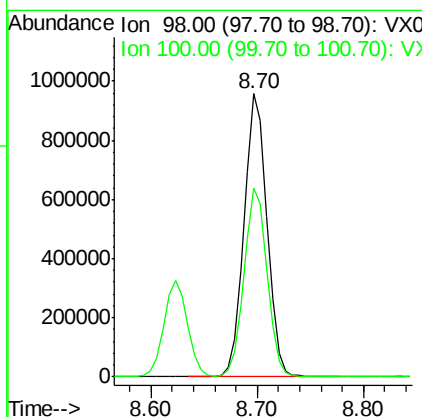
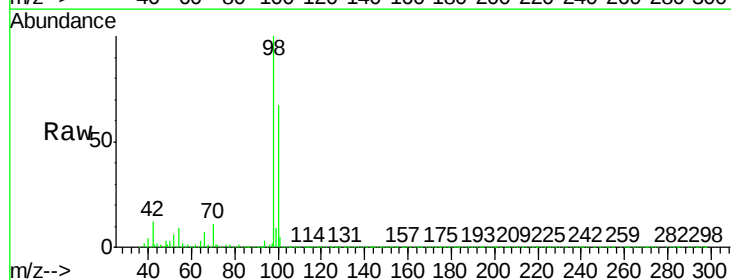
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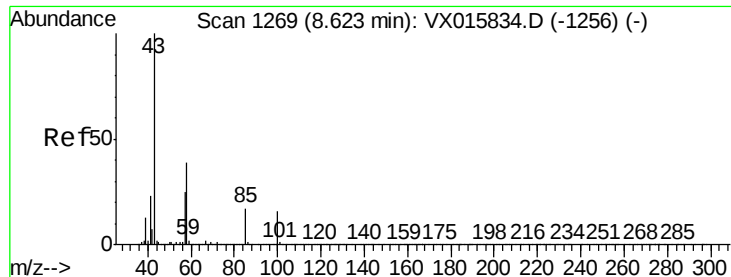
MMDadoda
4/24/2020 11:35:29 AM



#50
Toluene-d8
Concen: 50.052 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.1	53.8	80.6





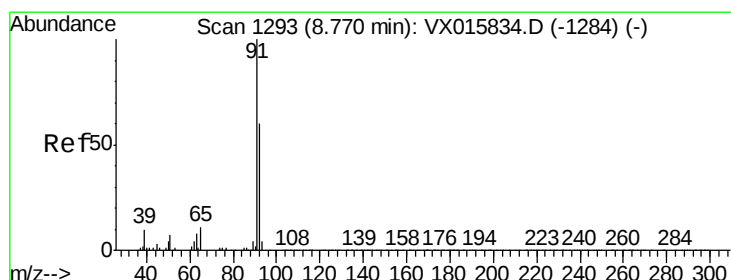
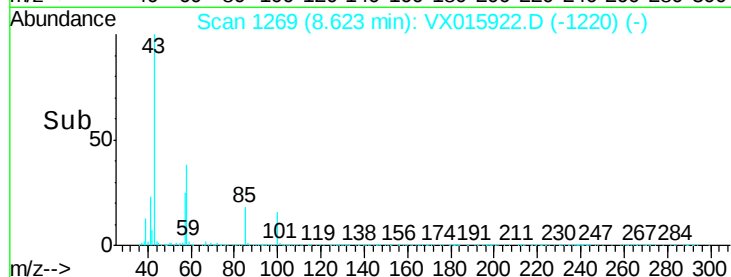
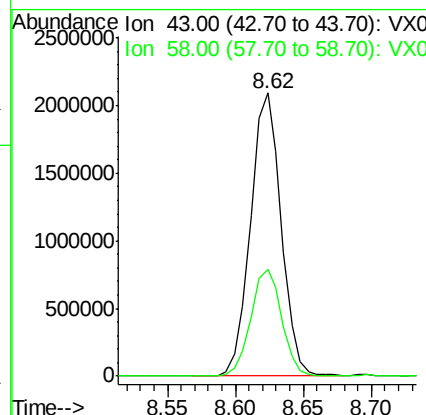
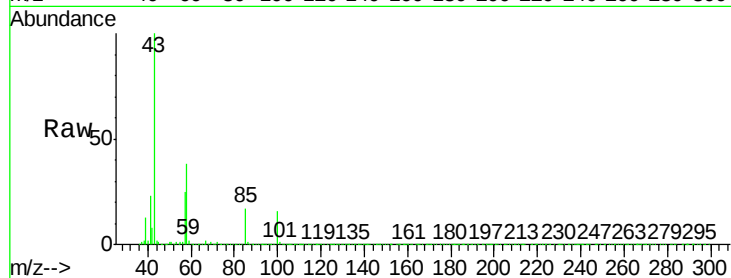
#51
4-Methyl-2-Pentanone
Concen: 256.876 ug/l
RT: 8.62 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 3301708
Ion Ratio Lower Upper
43 100
58 38.2 30.6 45.8

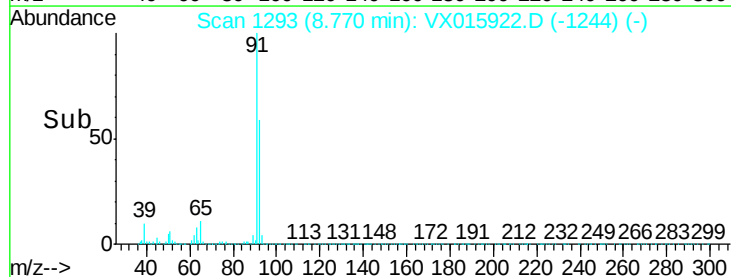
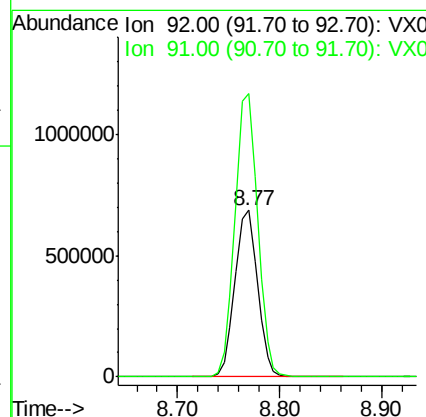
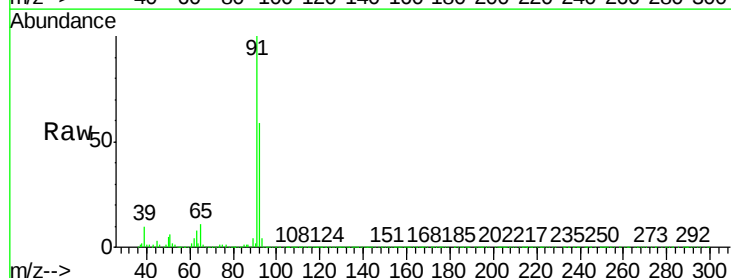
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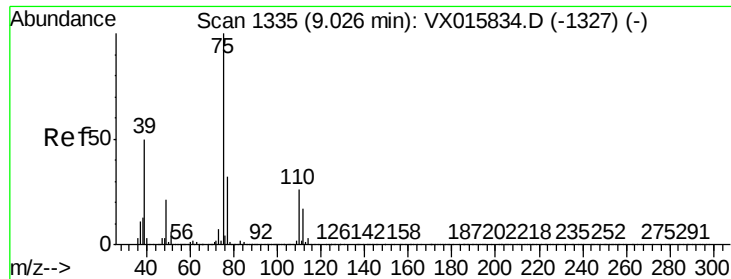
MMDadoda
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#52
Toluene
Concen: 49.361 ug/l
RT: 8.77 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 92 Resp: 1057008
Ion Ratio Lower Upper
92 100
91 170.0 133.4 200.0





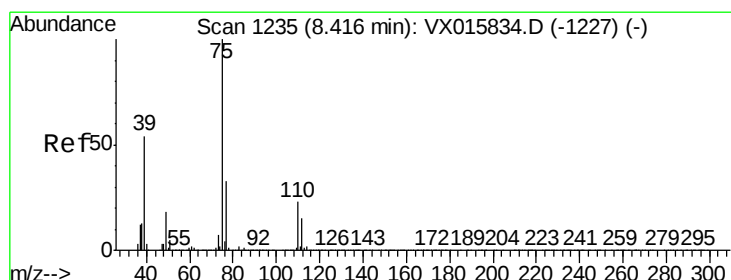
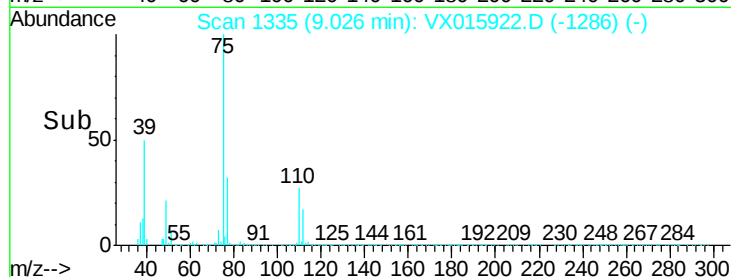
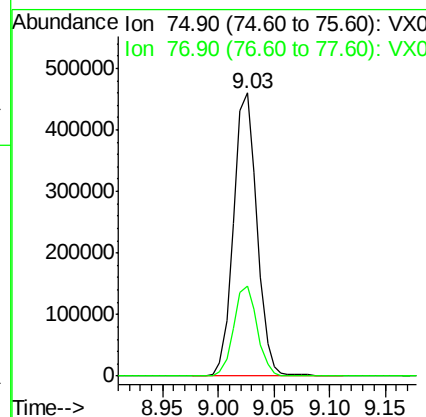
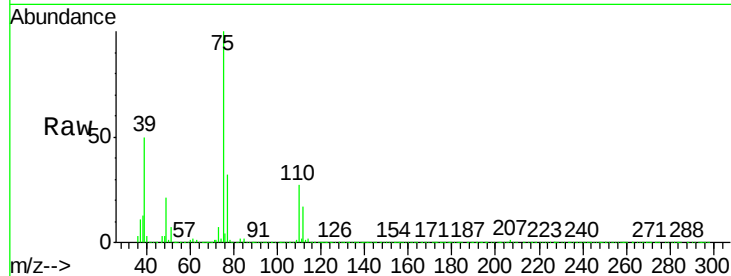
#53
t-1,3-Dichloropropene
Concen: 47.331 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.9	38.9

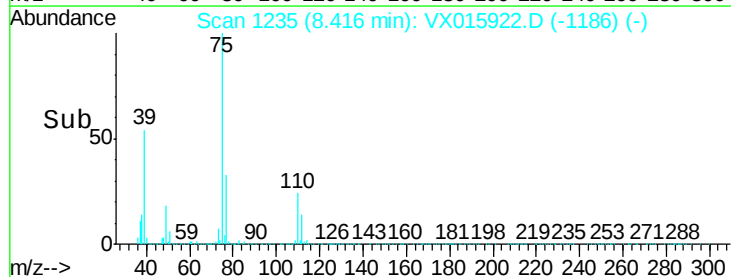
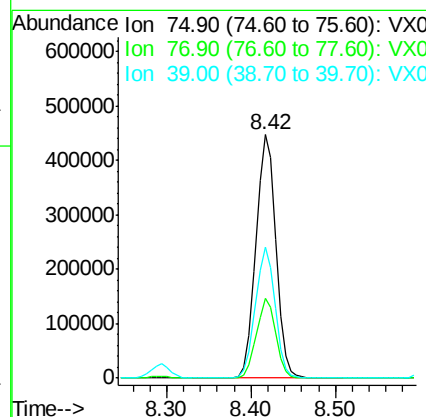
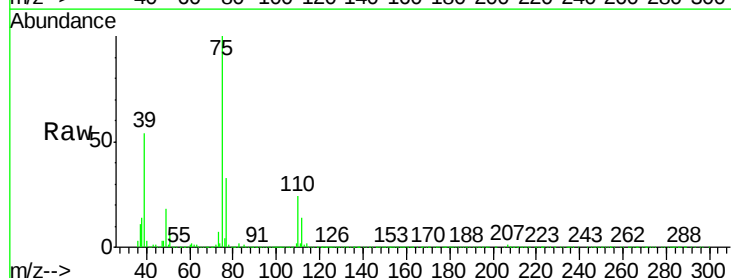
Manual Integrations
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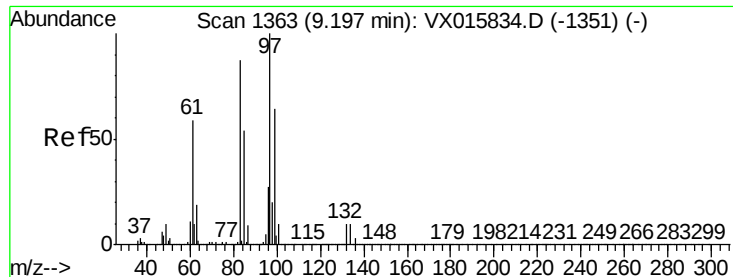
MMDadoda
4/24/2020 11:35:29 AM



#54
cis-1,3-Dichloropropene
Concen: 47.779 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
75	100		
77	32.5	26.0	39.0
39	53.6	42.8	64.2





#55

1,1,2-Trichloroethane

Concen: 52.007 ug/l

RT: 9.20 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

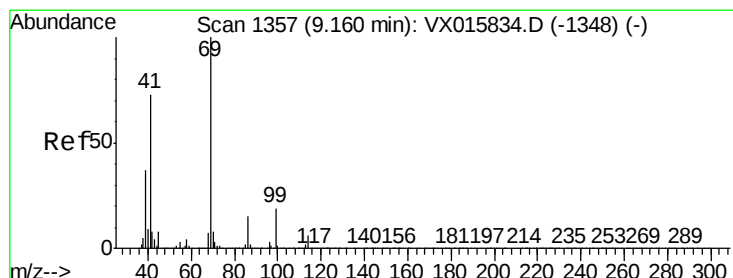
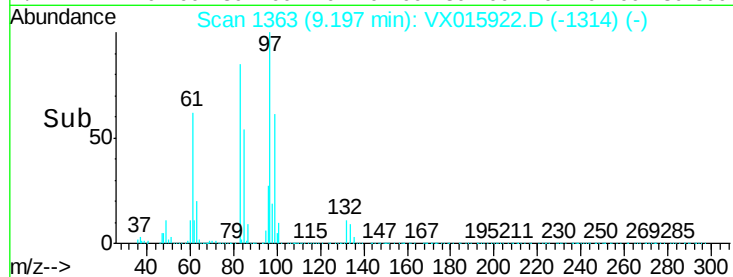
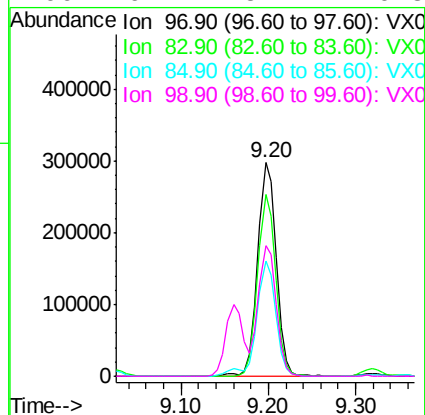
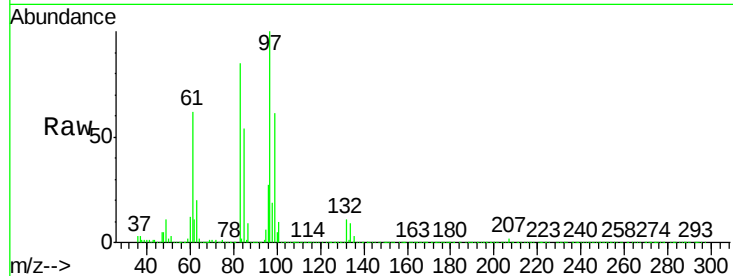
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	434864
Ion	Ratio	Lower	Upper
97	100		
83	84.8	69.8	104.8
85	54.2	43.4	65.2
99	61.1	51.2	76.8

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#56

Ethyl methacrylate

Concen: 50.115 ug/l

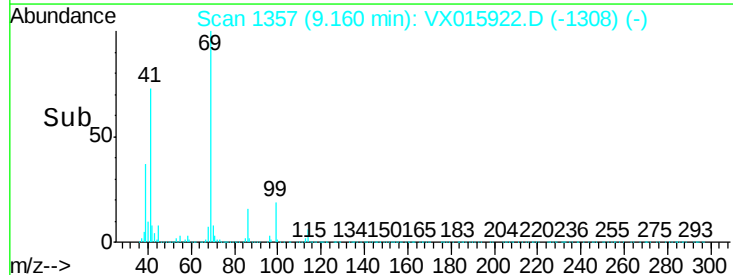
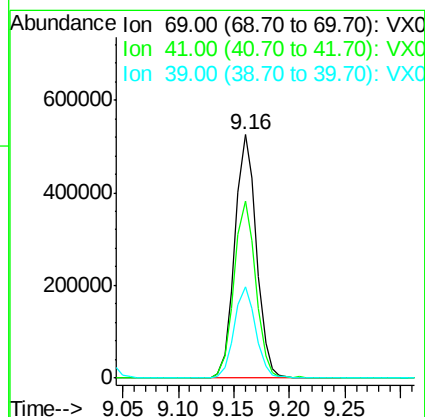
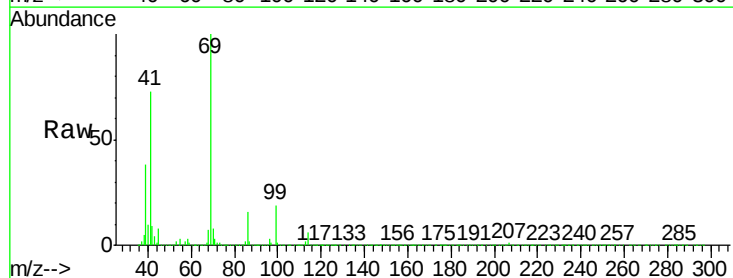
RT: 9.16 min Scan# 1357

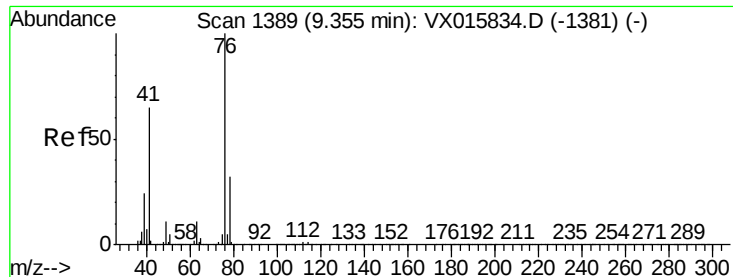
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	69	Resp:	709780
Ion	Ratio	Lower	Upper
69	100		
41	72.8	57.4	86.2
39	37.4	29.7	44.5





#57

1,3-Dichloropropane

Concen: 50.656 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 736047

Ion Ratio Lower Upper

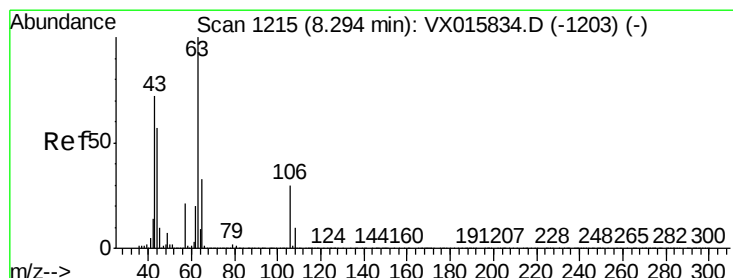
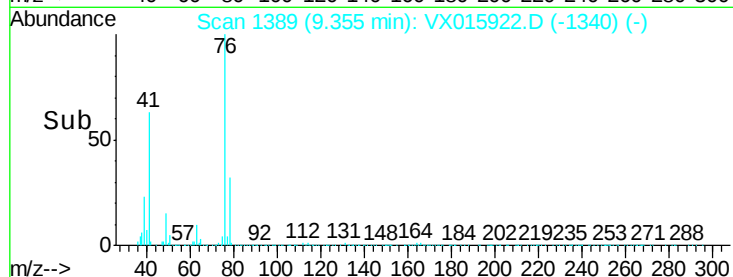
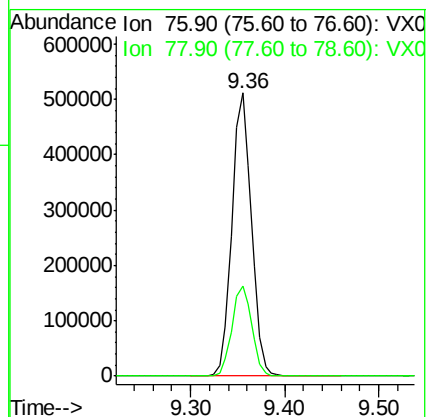
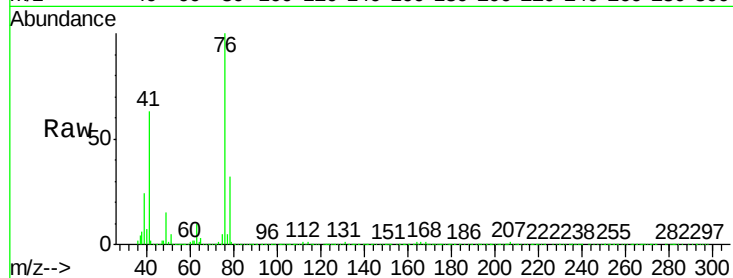
76 100

78 32.3 25.4 38.2

Manual Integrations
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#58

2-Chloroethyl Vinyl ether

Concen: 256.829 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015922.D

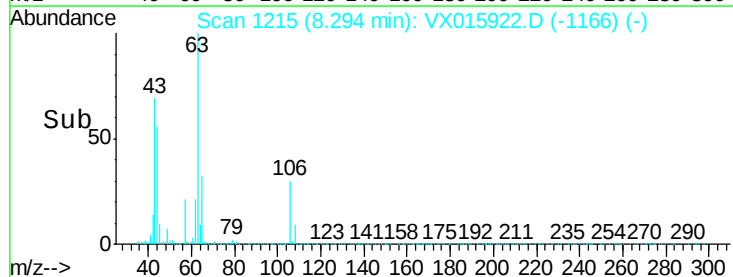
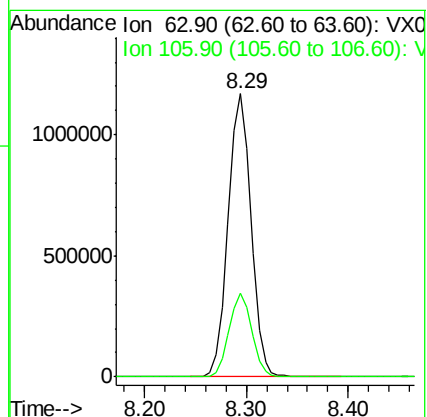
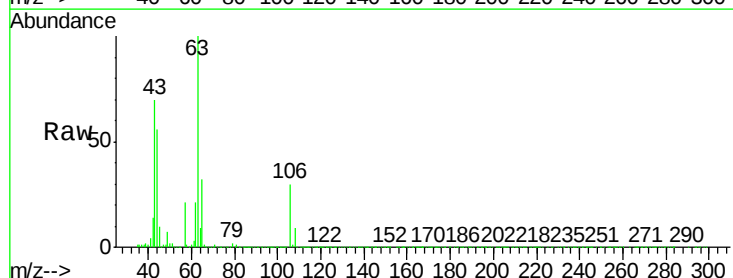
Acq: 24 Apr 2020 03:58

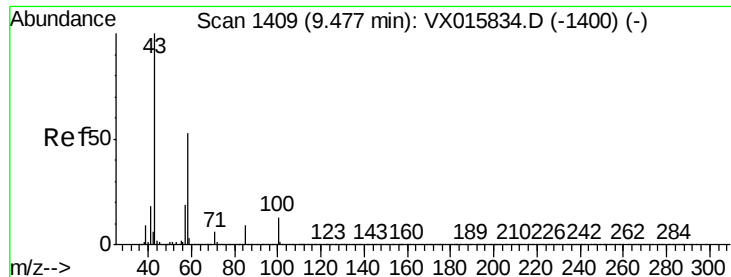
Tgt Ion: 63 Resp: 1817154

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.8





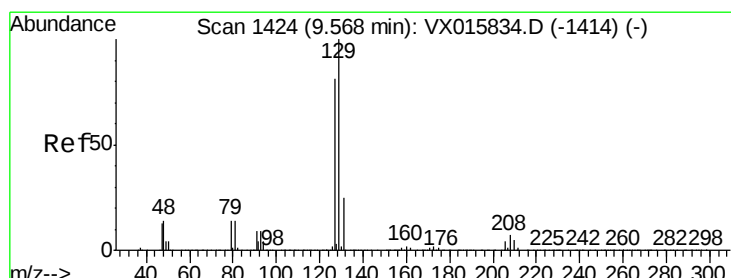
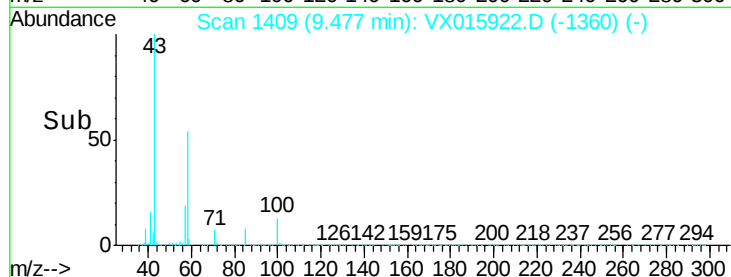
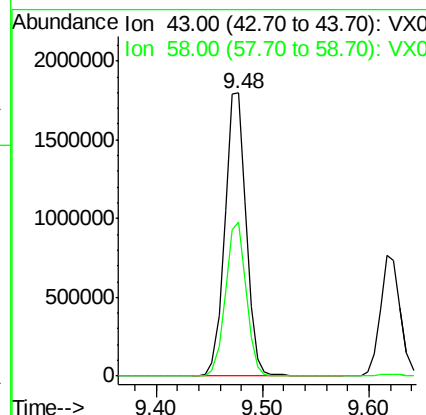
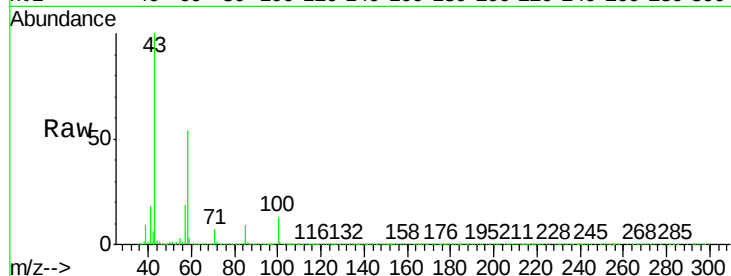
#59
2-Hexanone
Concen: 255.669 ug/l
RT: 9.48 min Scan# 1409
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2503451
Ion Ratio Lower Upper
43 100
58 53.2 26.5 79.4

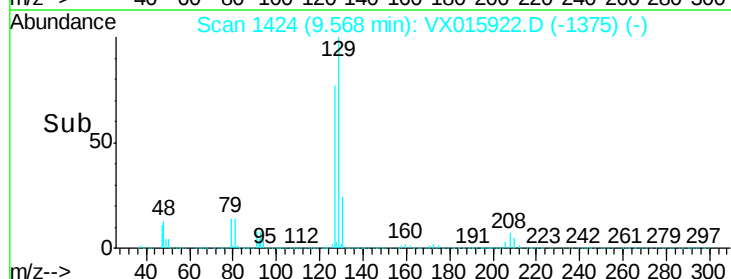
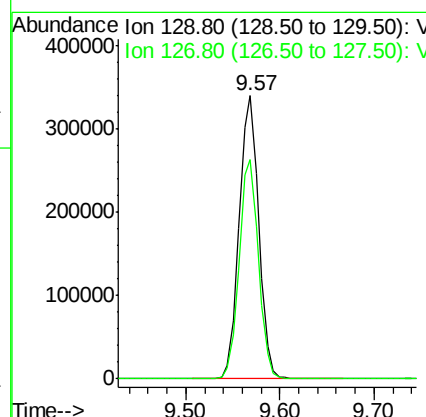
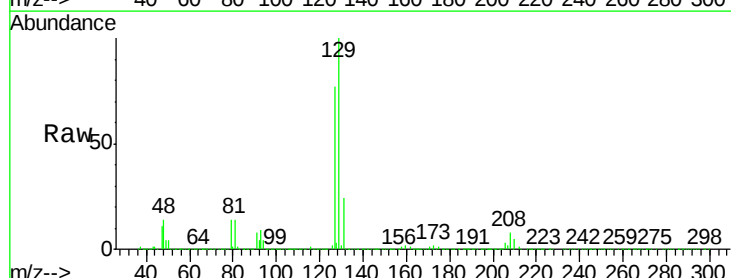
Manual Integrations
APPROVED

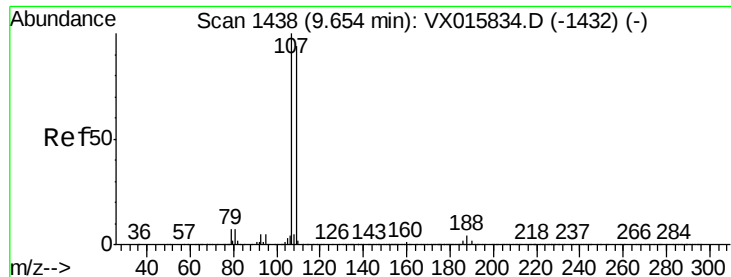
MMDadoda
4/24/2020 11:35:29 AM



#60
Dibromochloromethane
Concen: 56.521 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 129 Resp: 488062
Ion Ratio Lower Upper
129 100
127 76.4 40.0 120.0





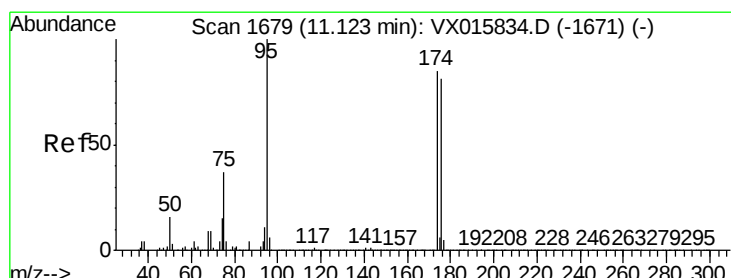
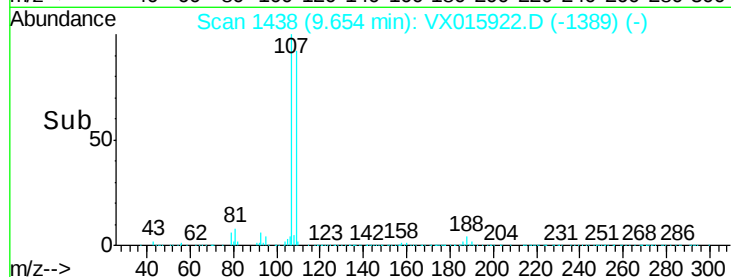
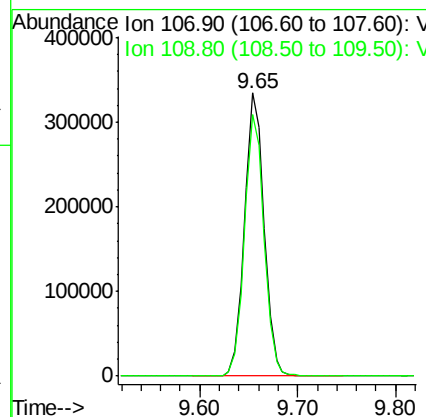
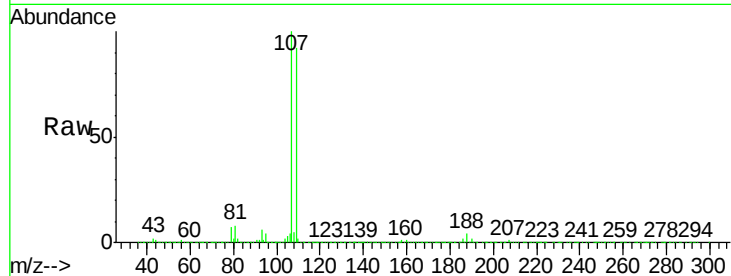
#61
 1,2-Dibromoethane
 Concen: 50.248 ug/l
 RT: 9.65 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	464361		
109	109	92.8	75.4	113.0	

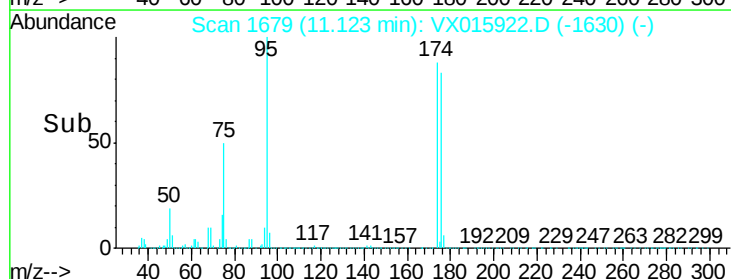
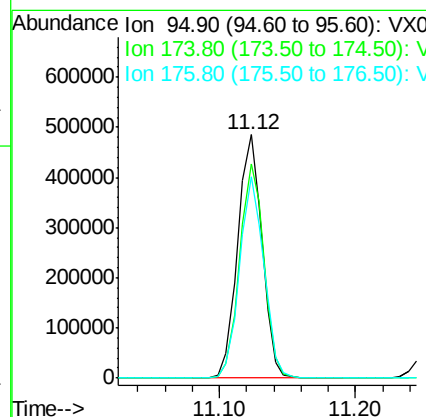
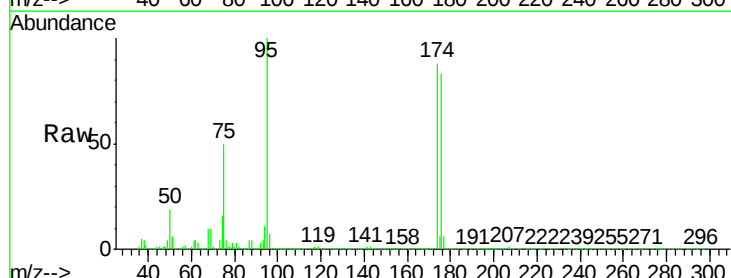
Manual Integrations
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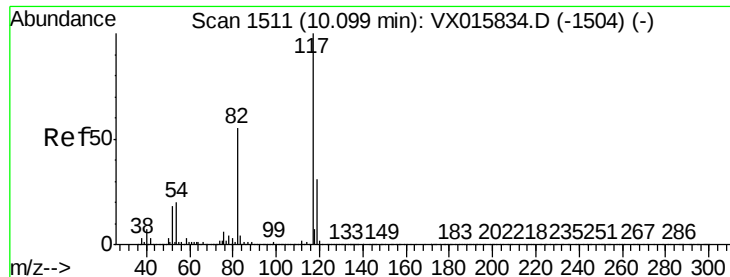
MMDadoda
 4/24/2020 11:35:29 AM



#62
 4-Bromofluorobenzene
 Concen: 50.710 ug/l
 RT: 11.12 min Scan# 1679
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
95	95	100	604815		
174	174	87.4	0.0	172.4	
176	176	82.3	0.0	167.0	





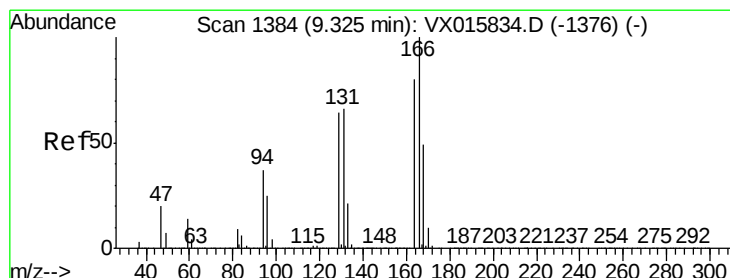
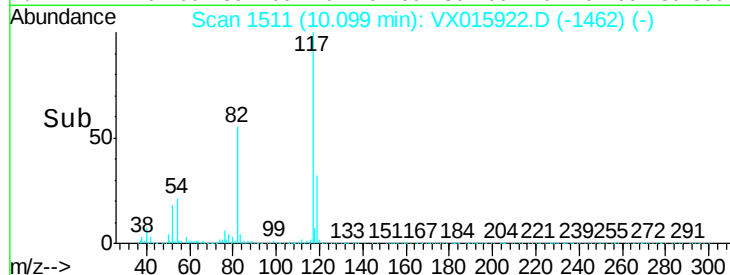
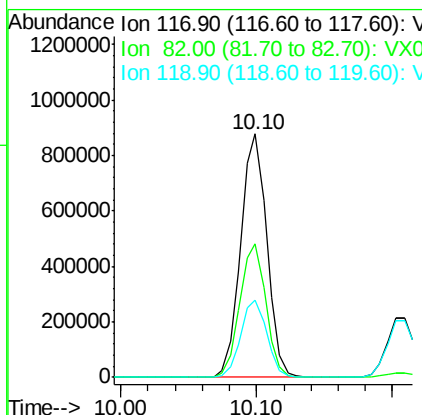
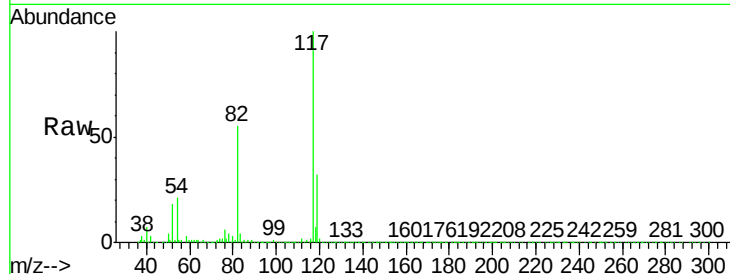
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	54.7	43.9	65.9
119	31.9	25.1	37.7

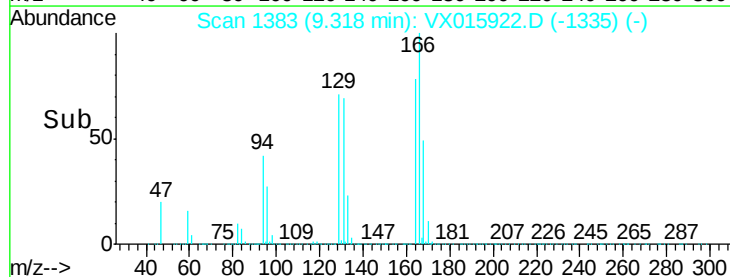
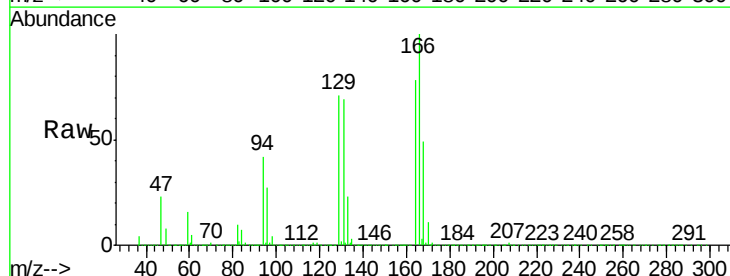
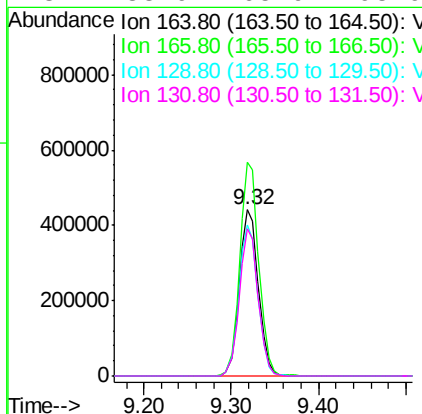
Manual Integrations
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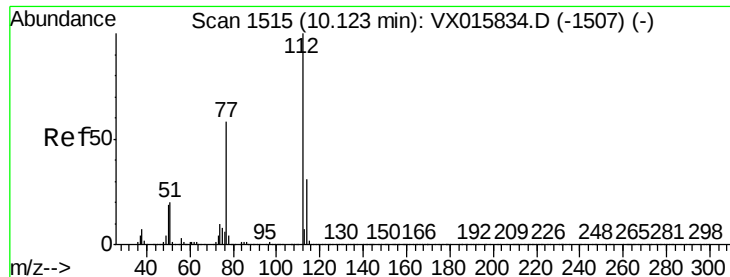
MMDadoda
4/24/2020 11:35:29 AM



#64
Tetrachloroethene
Concen: 42.248 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
164	100		
166	128.7	100.2	150.2
129	90.9	64.5	96.7
131	88.9	65.9	98.9





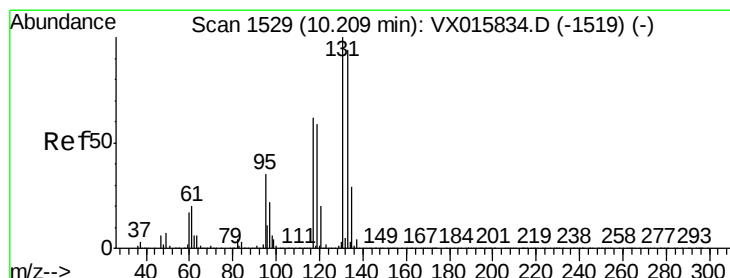
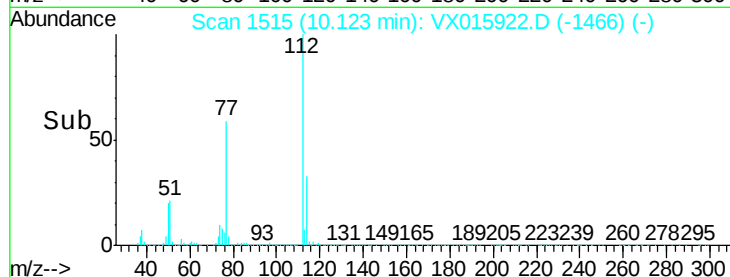
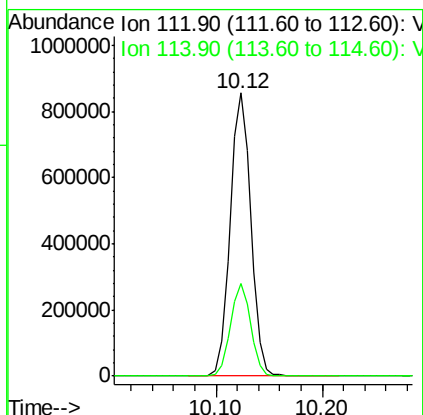
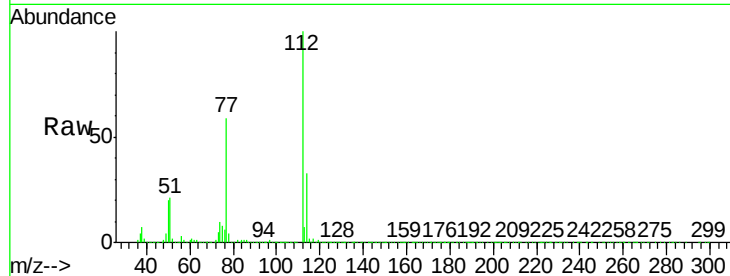
#65
Chlorobenzene
Concen: 49.561 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1168133
Ion Ratio Lower Upper
112 100
114 32.8 25.0 37.4

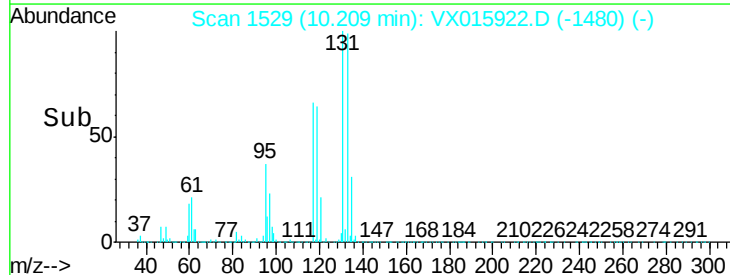
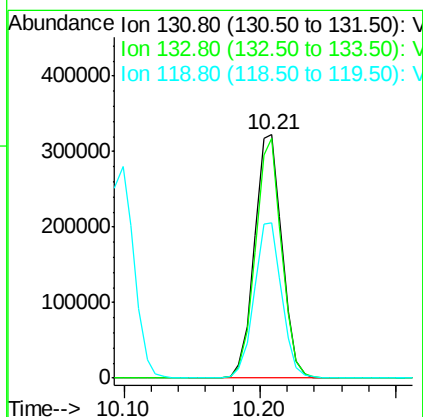
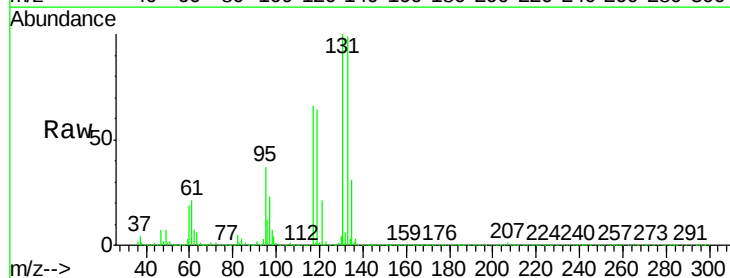
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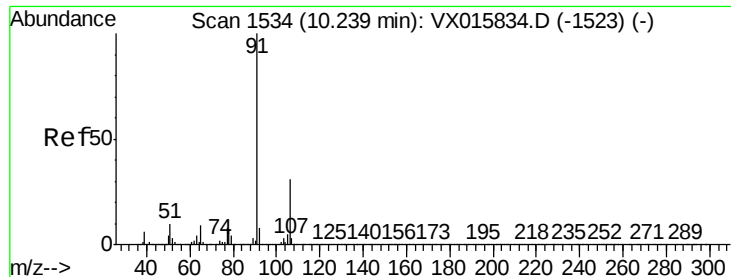
MMDadoda
4/24/2020 11:35:29 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 51.890 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion:131 Resp: 457163
Ion Ratio Lower Upper
131 100
133 94.0 47.0 141.2
119 63.6 30.9 92.8





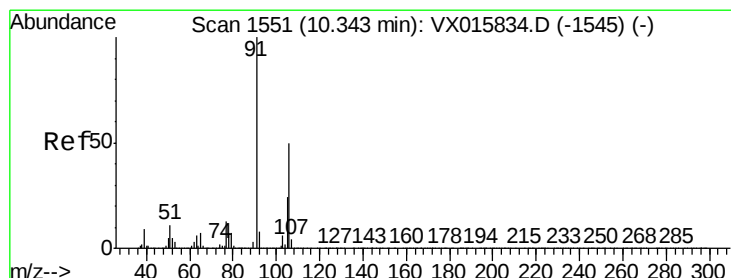
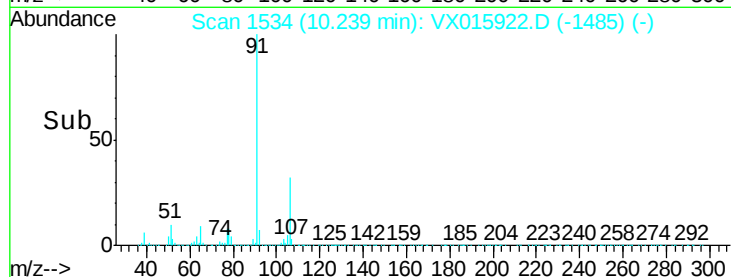
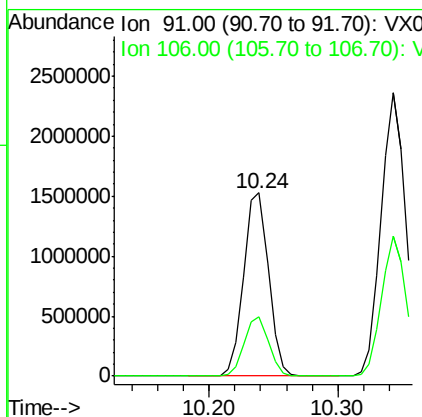
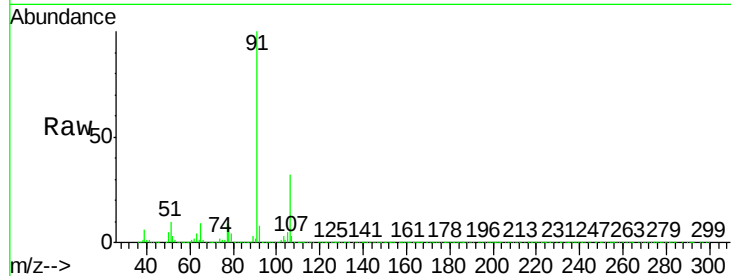
#67
Ethyl Benzene
Concen: 49.271 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 91 Resp: 2039324
Ion Ratio Lower Upper
91 100
106 32.1 25.0 37.4

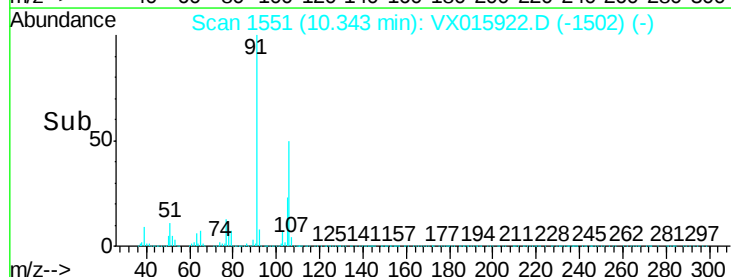
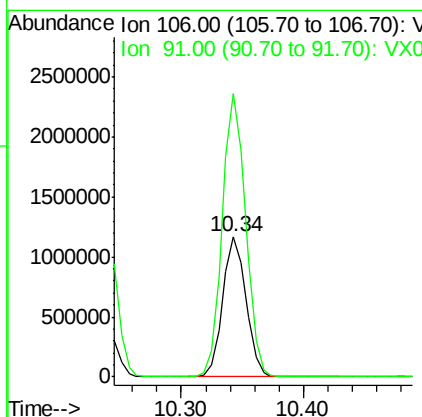
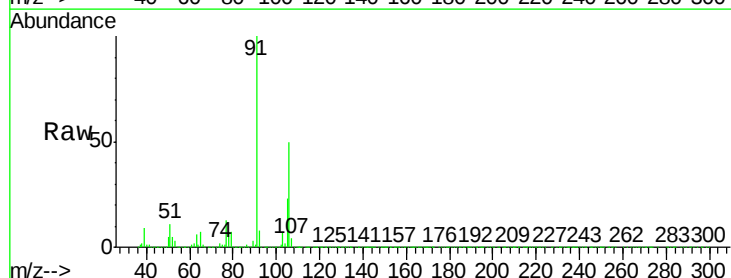
Manual Integrations
APPROVED

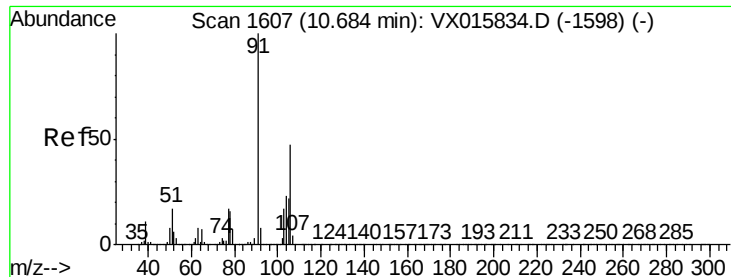
MMDadoda
4/24/2020 11:35:29 AM



#68
m/p-Xylenes
Concen: 99.253 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 106 Resp: 1541982
Ion Ratio Lower Upper
106 100
91 202.9 161.1 241.7





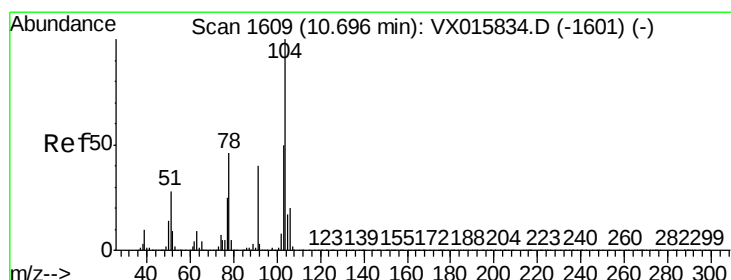
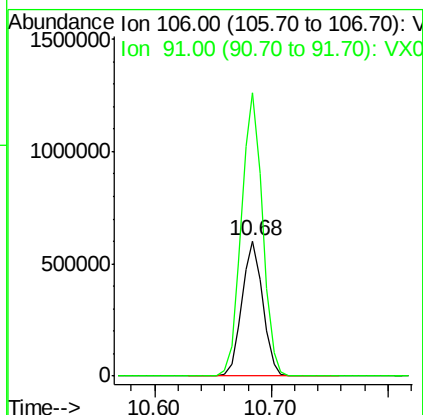
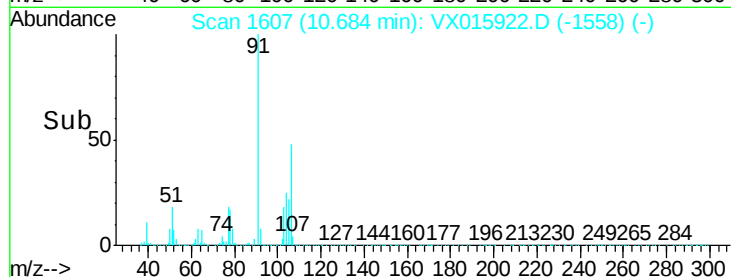
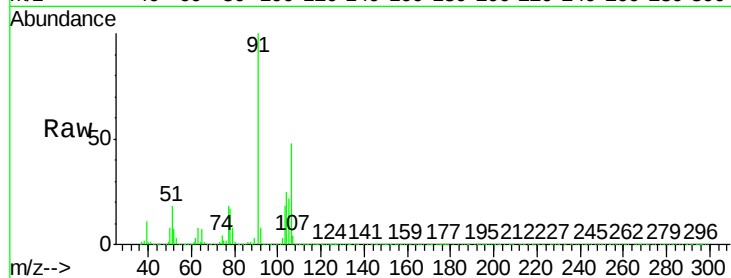
#69
o-Xylene
Concen: 49.404 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	212.0	107.1	321.3

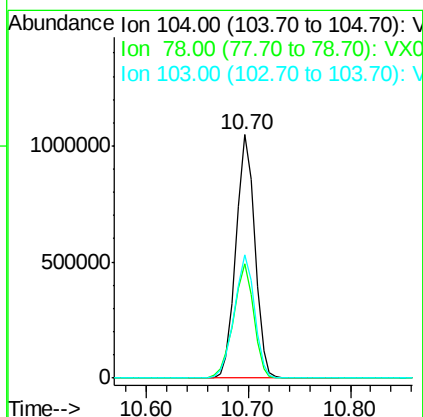
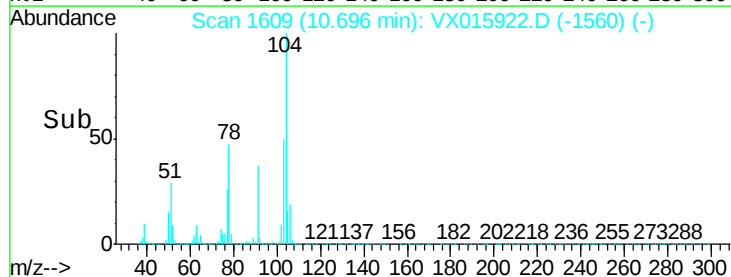
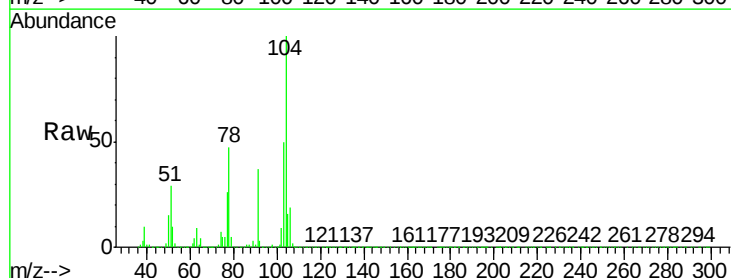
Manual Integrations
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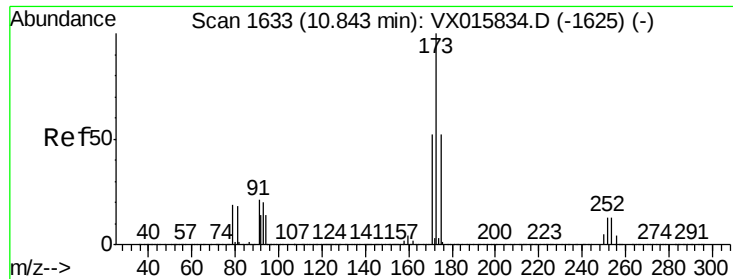
MMDadoda
4/24/2020 11:35:29 AM



#70
Styrene
Concen: 50.200 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
104	100		
78	50.5	40.1	60.1
103	54.4	43.3	64.9





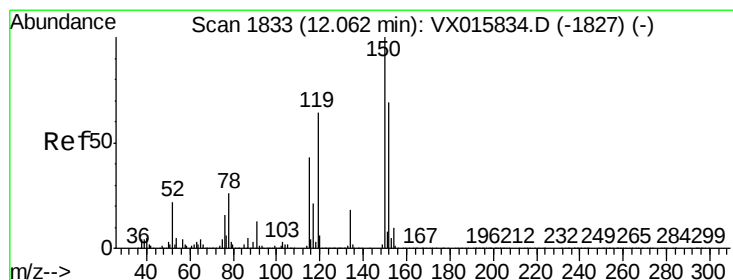
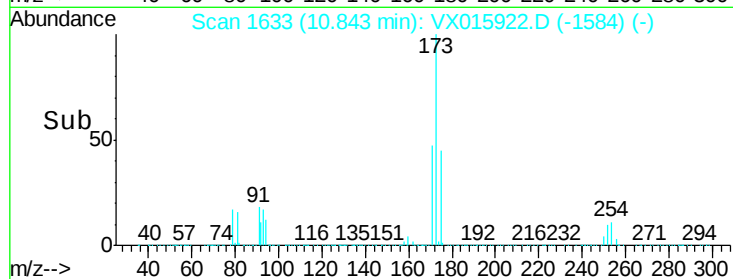
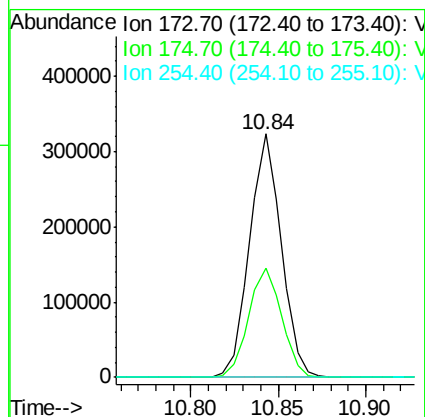
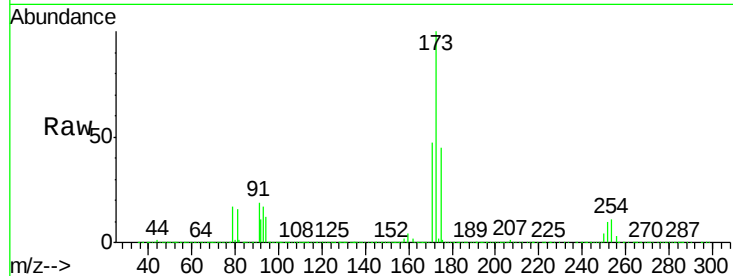
#71
Bromoform
Concen: 71.119 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	25.1	75.4
254	0.1	0.3	0.5

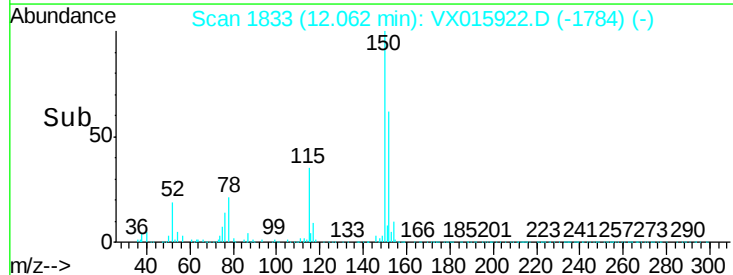
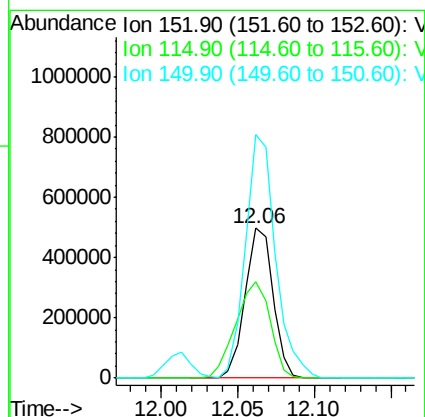
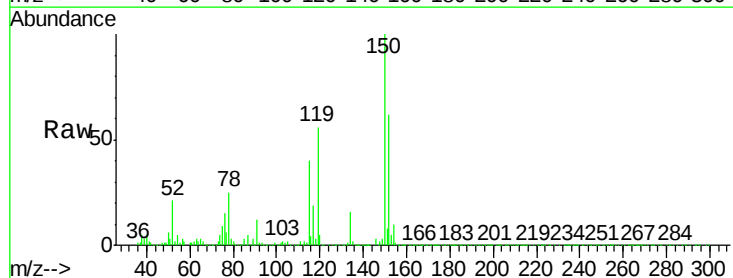
Manual Integrations
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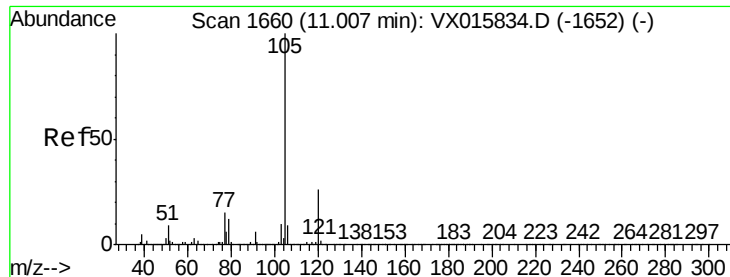
MMDadoda
4/24/2020 11:35:29 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	39.0	116.9
150	174.3	0.0	336.8





#73

Isopropylbenzene

Concen: 51.934 ug/l

RT: 11.00 min Scan# 1659

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2086385

Ion Ratio Lower Upper

105 100

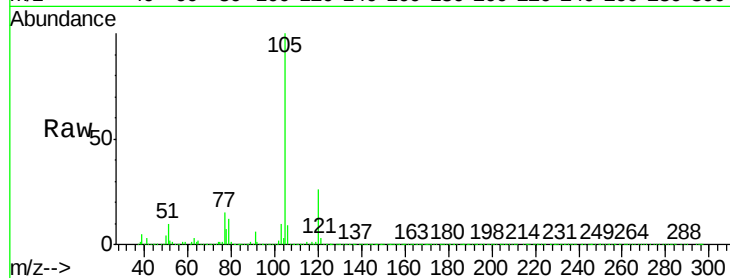
120 26.4 13.1 39.1

Manual Integrations

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MMDadoda

4/24/2020 11:35:29 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2000000

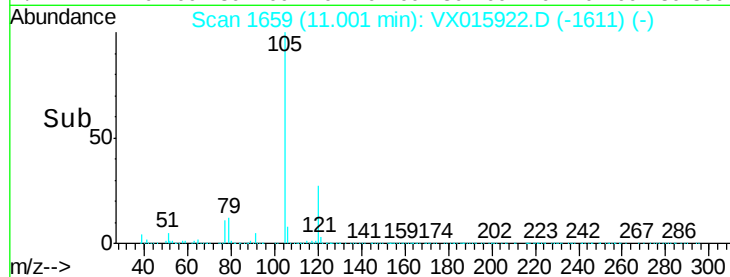
1500000

1000000

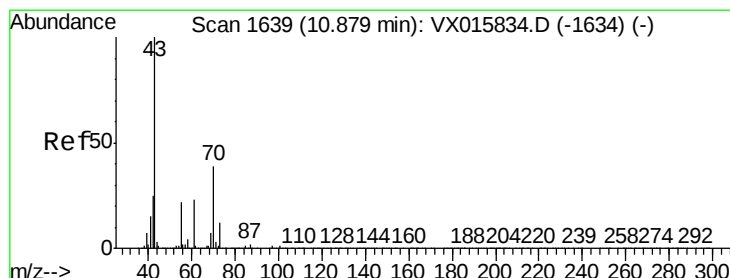
500000

0

10.90 11.00 11.10



Time-->



#74

N-ethyl acetate

Concen: 49.795 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion: 43 Resp: 1032715

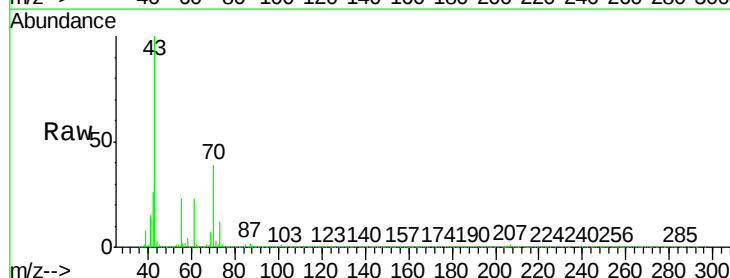
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 22.6 18.3 27.5

61 23.7 18.7 28.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

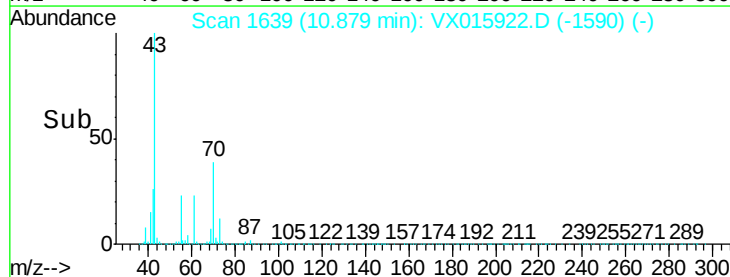
Ion 61.00 (60.70 to 61.70): VX0

1000000

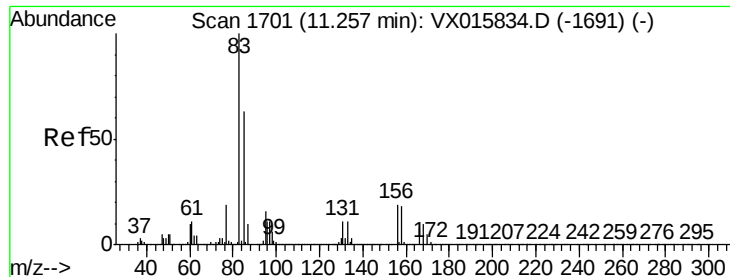
500000

0

10.80 10.85 10.90 10.95



Time-->



#75

1,1,2,2-Tetrachloroethane

Concen: 58.589 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 498127

Ion Ratio Lower Upper

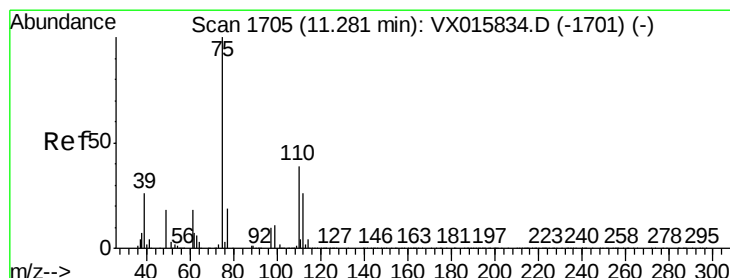
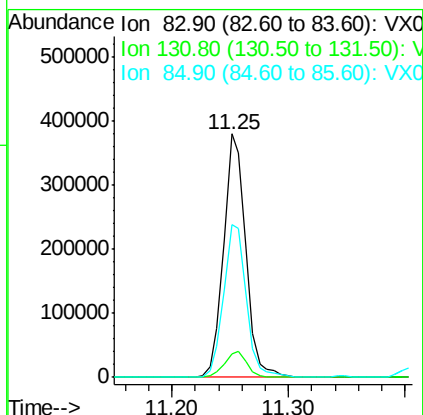
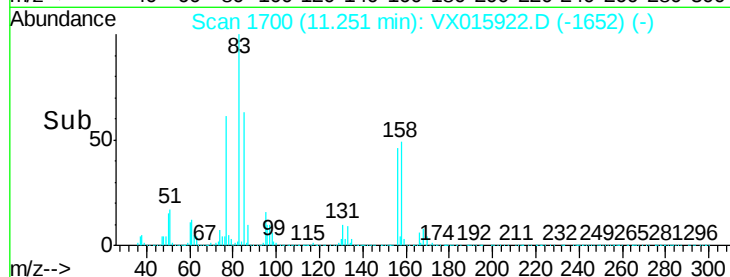
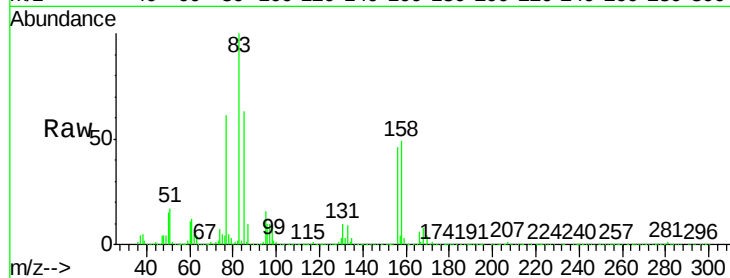
83 100

131 11.1 5.5 16.4

85 64.6 32.4 97.0

Manual Integrations
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MMDadoda
4/24/2020 11:35:29 AM



#76

1,2,3-Trichloropropane

Concen: 50.708 ug/l m

RT: 11.28 min Scan# 1705

Delta R.T. 0.00 min

Lab File: VX015922.D

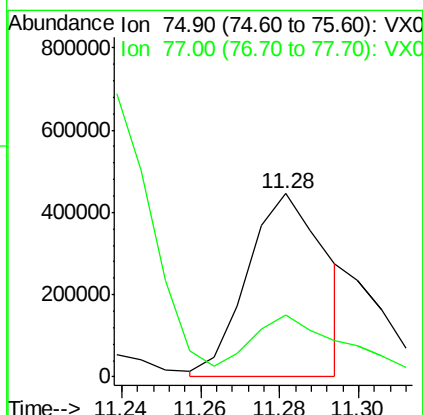
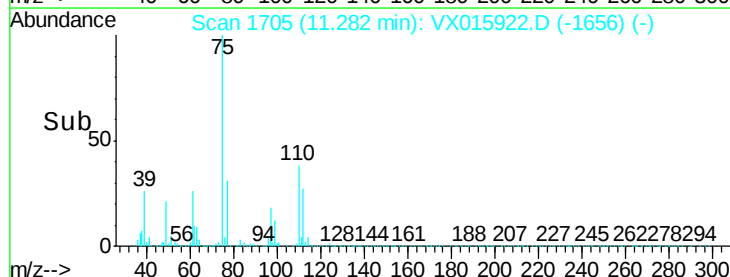
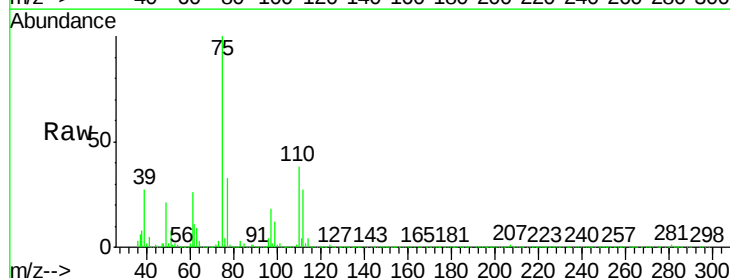
Acq: 24 Apr 2020 03:58

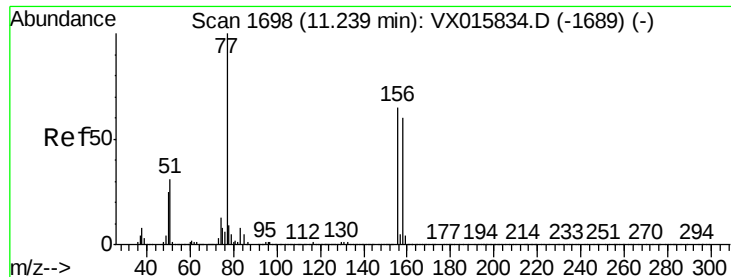
Tgt Ion: 75 Resp: 609941

Ion Ratio Lower Upper

75 100

77 40.7 21.3 63.9





#77

Bromobenzene

Concen: 51.047 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

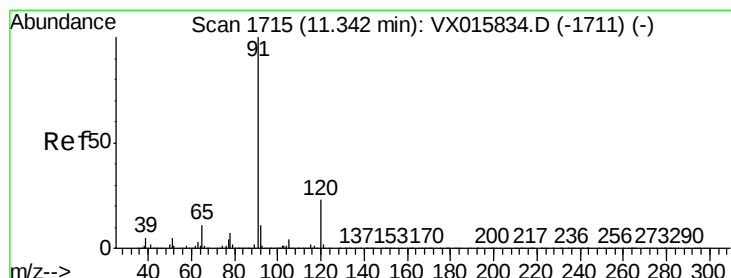
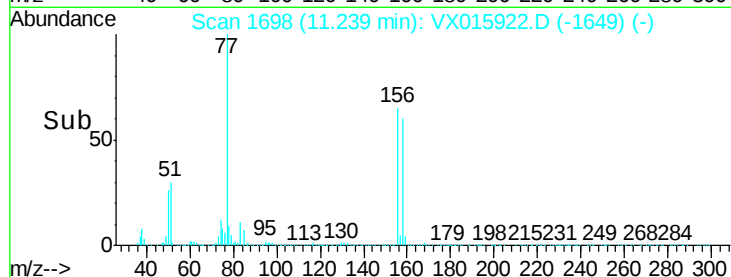
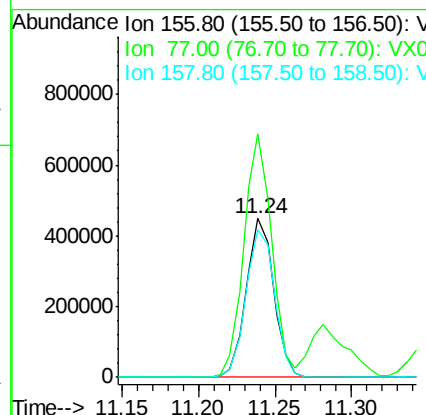
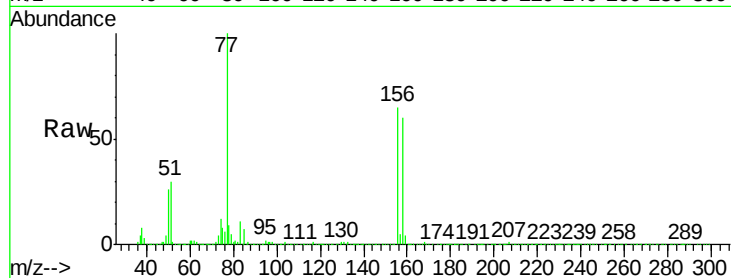
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	560329
Ion Ratio	Lower	Upper	
156	100		
77	154.2	75.2	225.6
158	96.9	47.9	143.6

Manual Integrations
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MMDadoda
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#78

n-propylbenzene

Concen: 52.063 ug/l

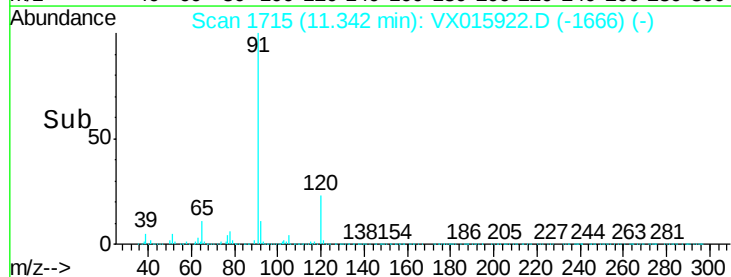
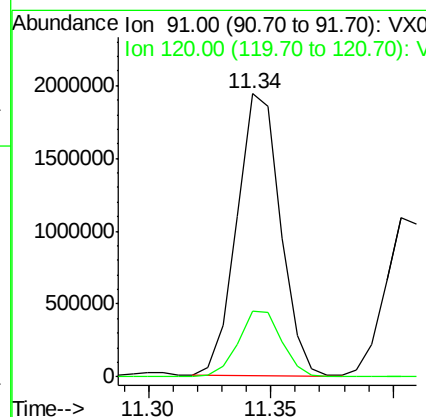
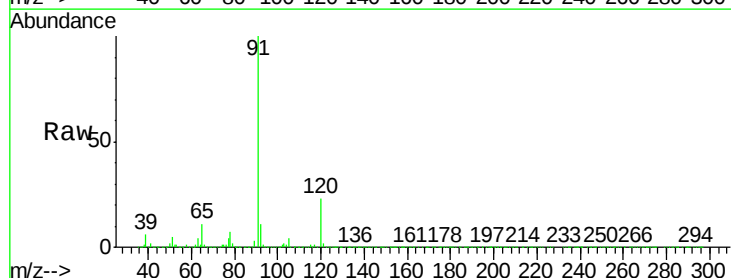
RT: 11.34 min Scan# 1715

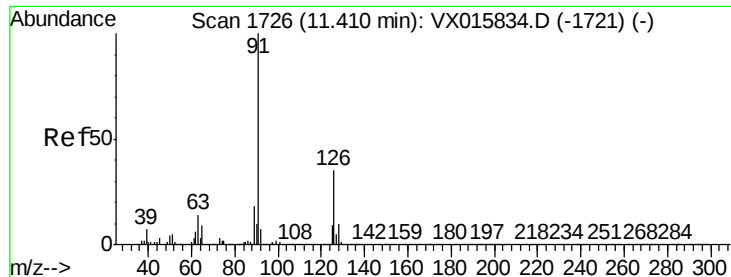
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	91	Resp:	2395991
Ion Ratio	Lower	Upper	
91	100		
120	23.3	11.7	35.1





#79

2-Chlorotoluene

Concen: 50.677 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1400916

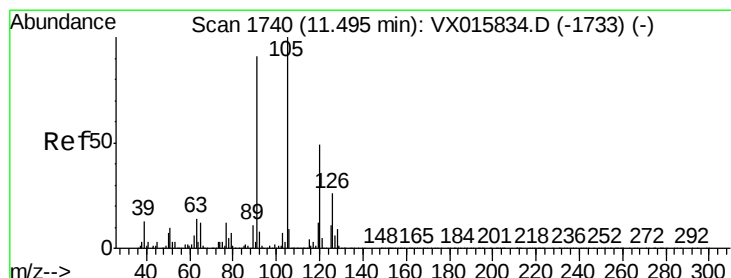
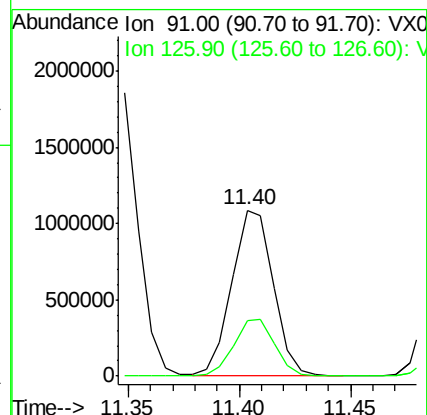
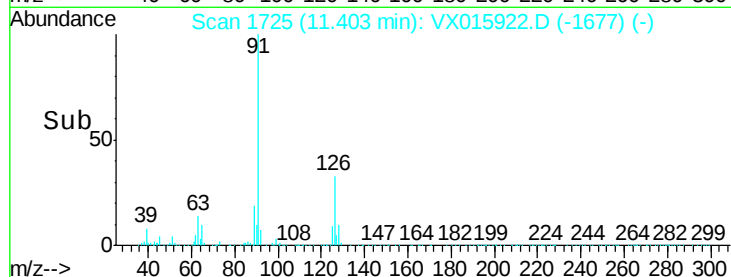
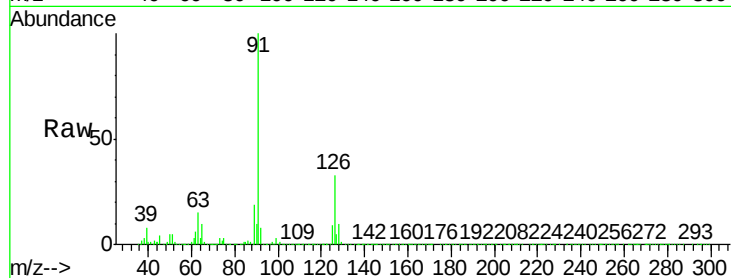
Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.5

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 51.066 ug/l

RT: 11.49 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015922.D

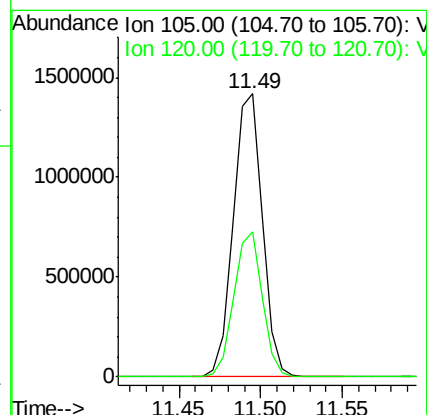
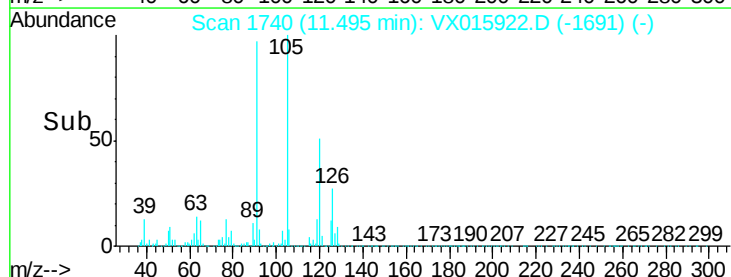
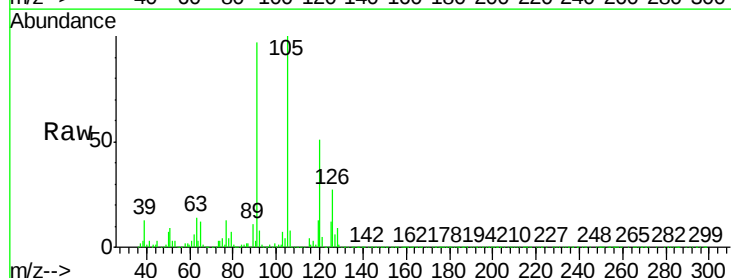
Acq: 24 Apr 2020 03:58

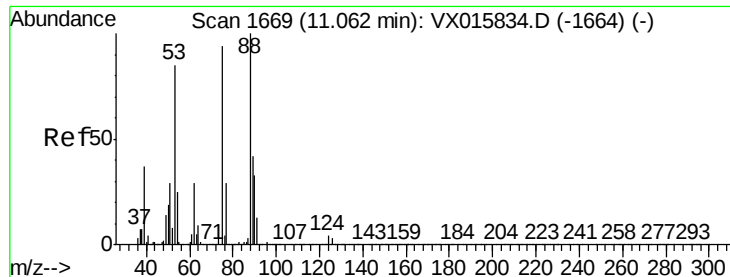
Tgt Ion: 105 Resp: 1749274

Ion Ratio Lower Upper

105 100

120 50.0 24.9 74.7





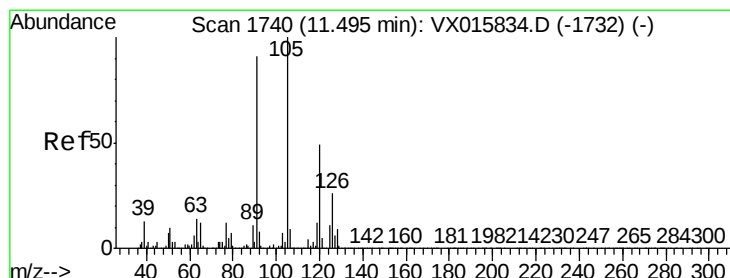
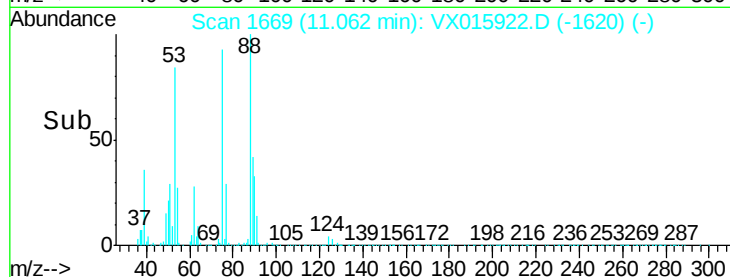
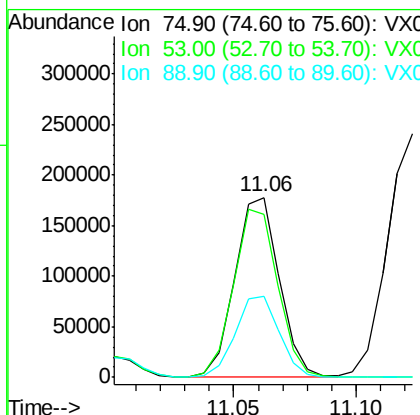
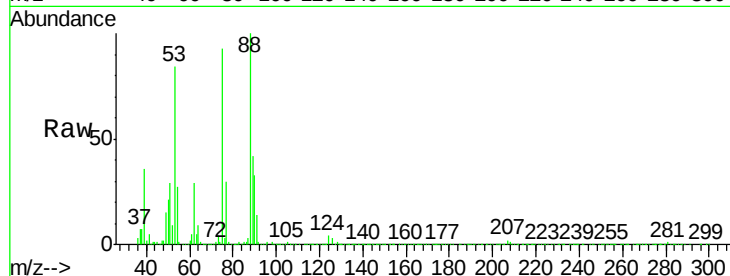
#81
trans-1,4-Dichloro-2-butene
Concen: 44.876 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.0	74.2	111.2
89	45.0	38.0	57.0

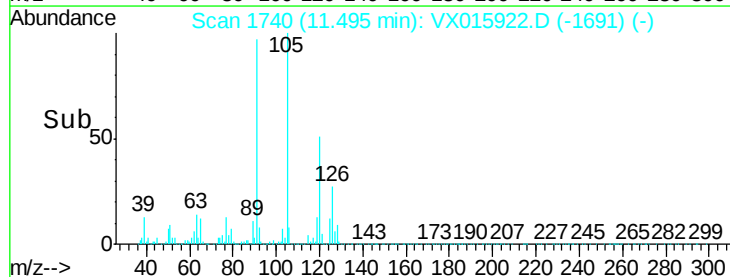
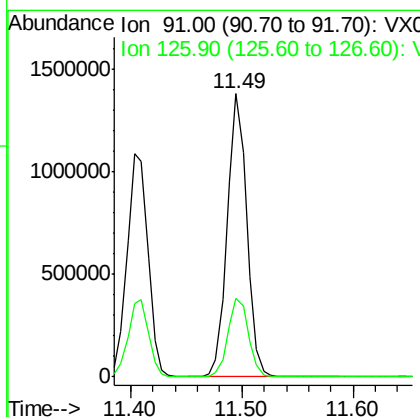
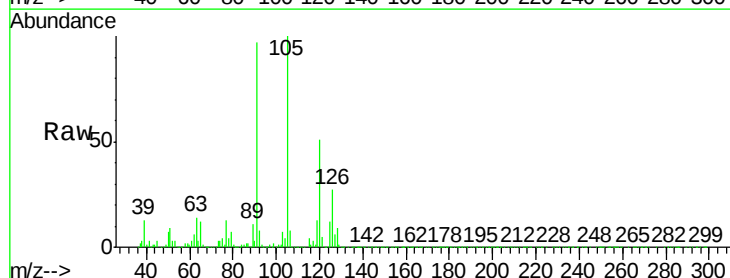
Manual Integrations
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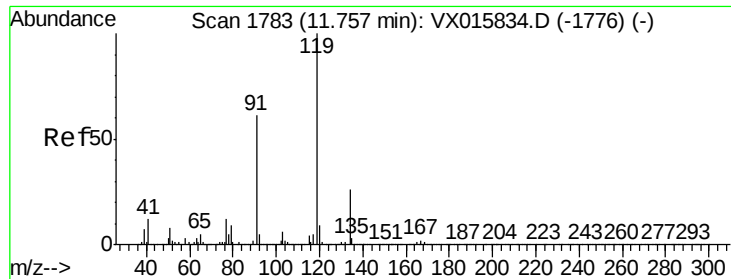
MMDadoda
4/24/2020 11:35:29 AM



#82
4-Chlorotoluene
Concen: 50.866 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.2	15.0	45.0





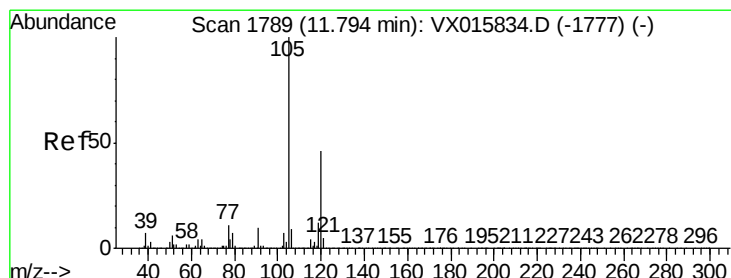
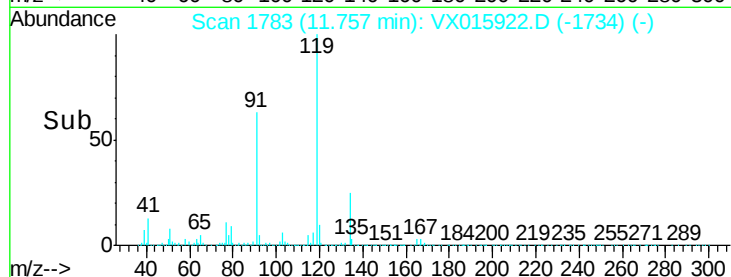
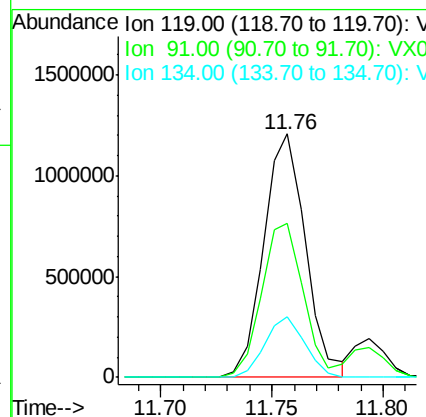
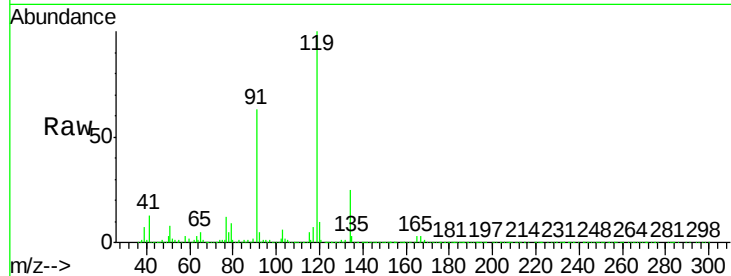
#83
tert-Butylbenzene
Concen: 51.898 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.6	30.9	92.7
134	24.1	12.4	37.2

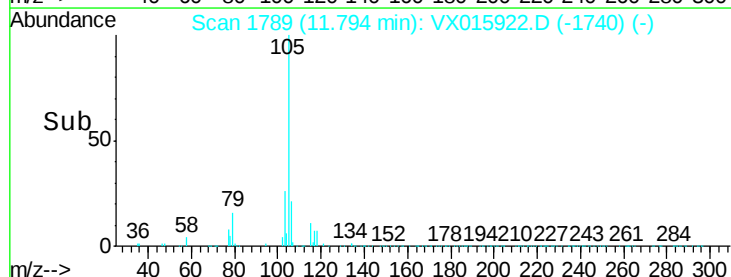
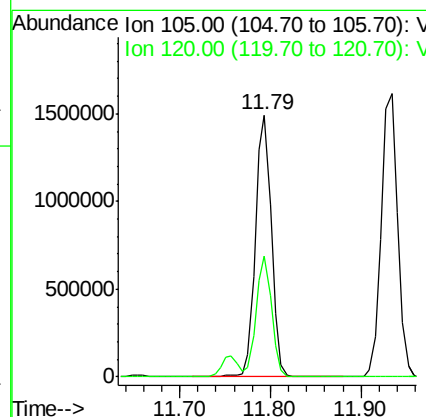
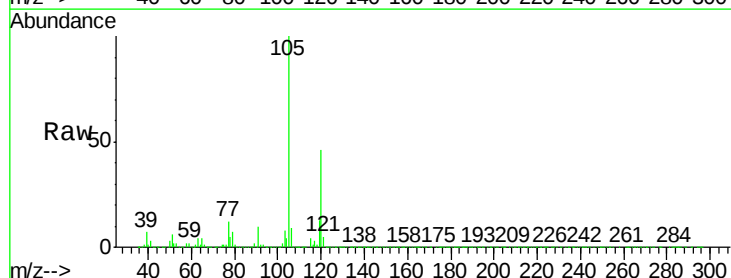
Manual Integrations
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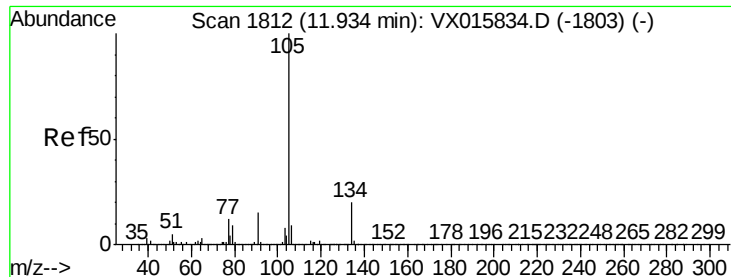
MMDadoda
4/24/2020 11:35:29 AM



#84
1,2,4-Trimethylbenzene
Concen: 50.939 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.9	68.7





#85

sec-Butylbenzene

Concen: 50.376 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2017846

Ion Ratio Lower Upper

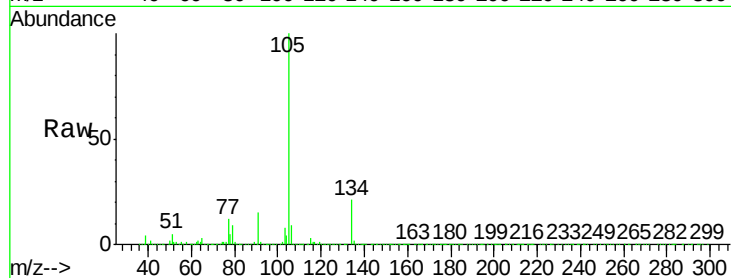
105 100

134 20.1 10.3 30.8

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

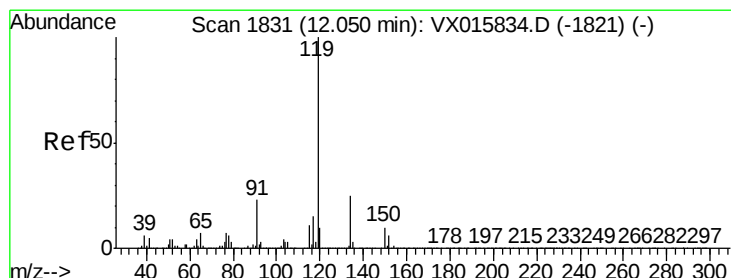
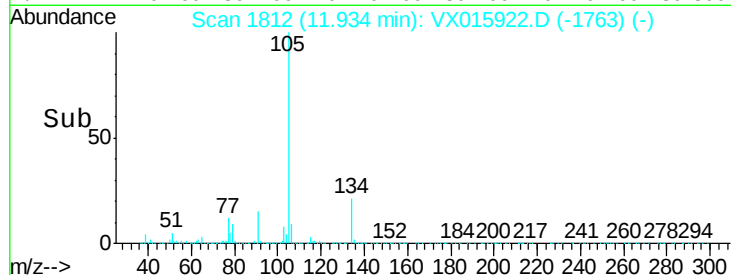
1500000

1000000

500000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.064 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

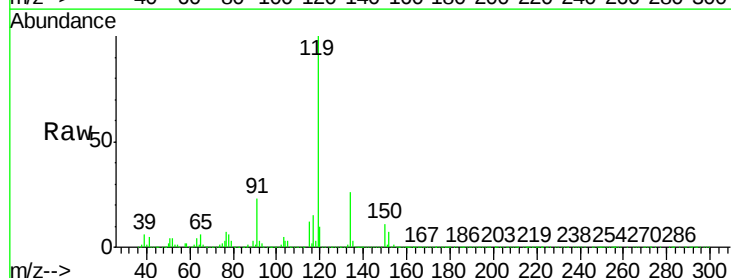
Tgt Ion:119 Resp: 1875140

Ion Ratio Lower Upper

119 100

134 26.3 13.0 38.9

91 23.5 11.5 34.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.05

2000000

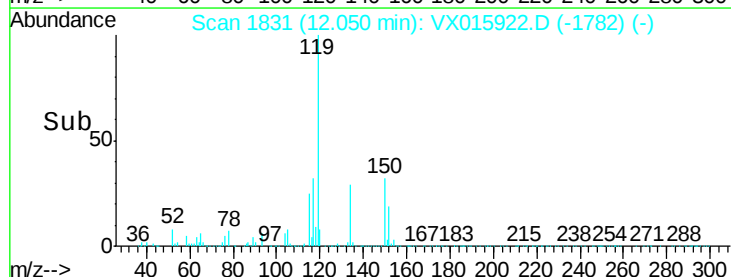
1500000

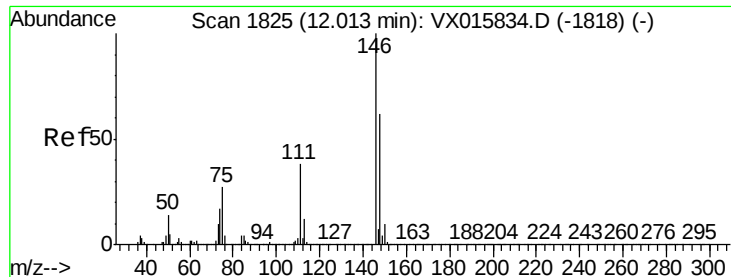
1000000

500000

0

Time-->





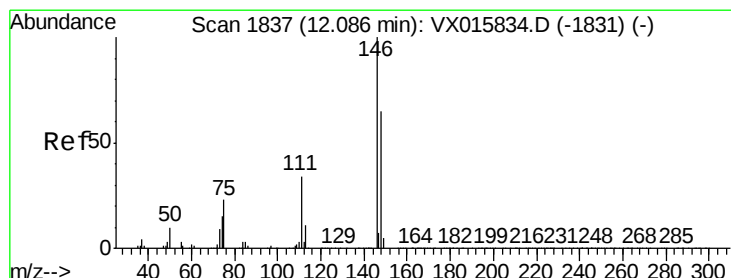
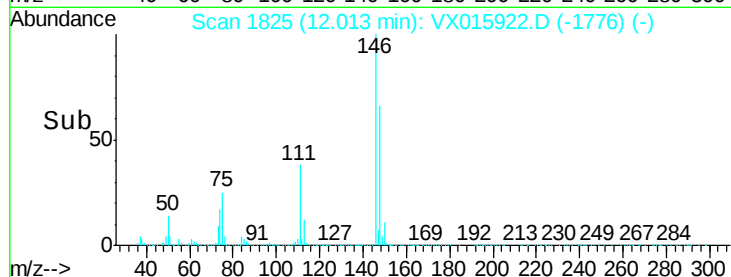
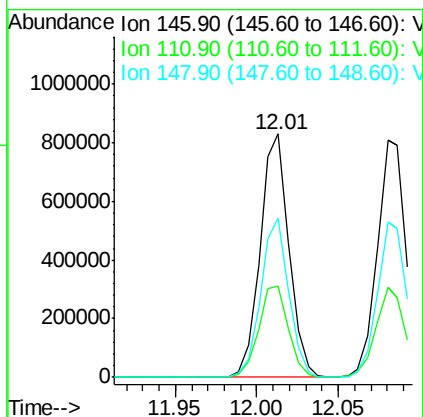
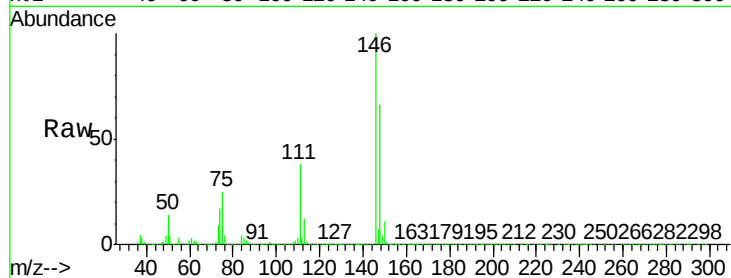
#87
 1,3-Dichlorobenzene
 Concen: 50.007 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.1	19.1	57.1
148	63.8	30.9	92.7

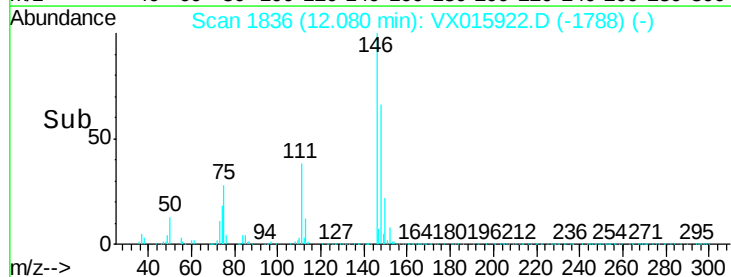
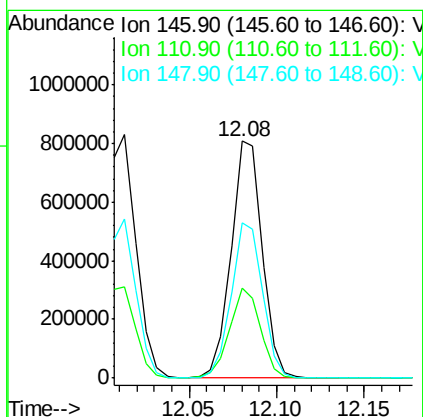
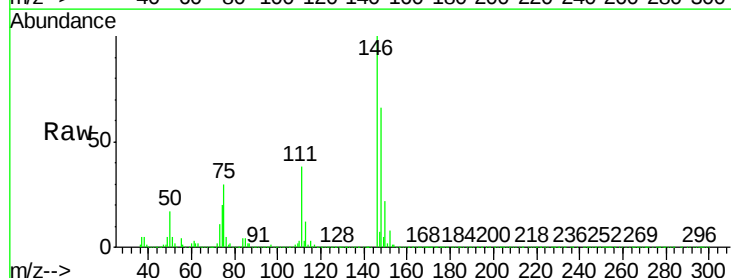
Manual Integrations
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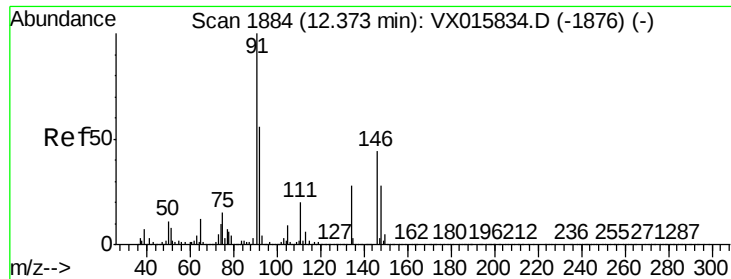
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 4/24/2020 11:35:29 AM



#88
 1,4-Dichlorobenzene
 Concen: 49.438 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.9	19.4	58.2
148	65.8	33.8	101.4





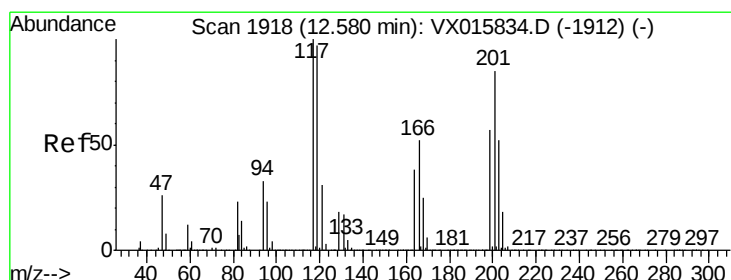
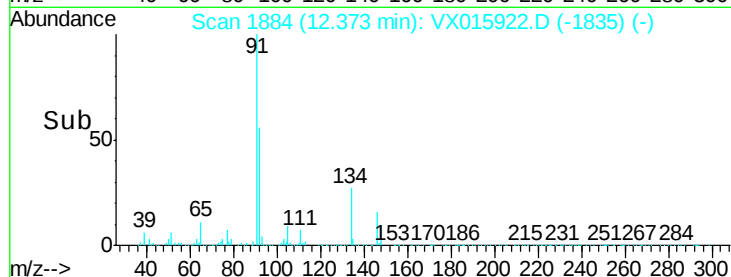
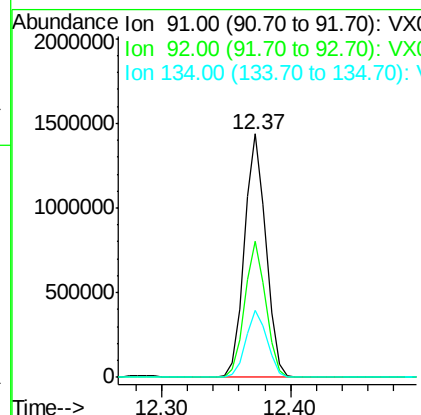
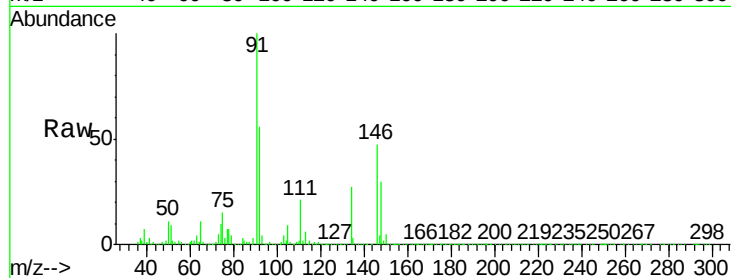
#89
n-Butylbenzene
Concen: 49.056 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1642752
Ion Ratio Lower Upper
91 100
92 55.0 27.7 83.1
134 27.2 14.1 42.4

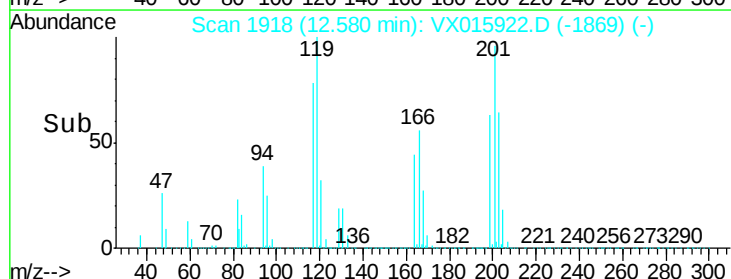
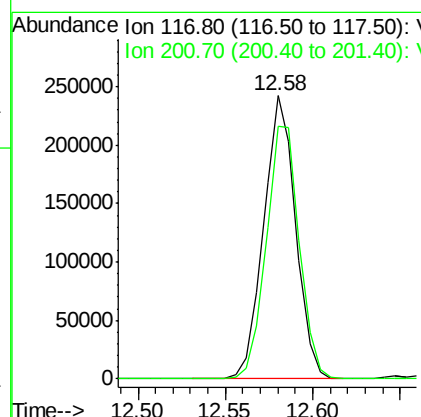
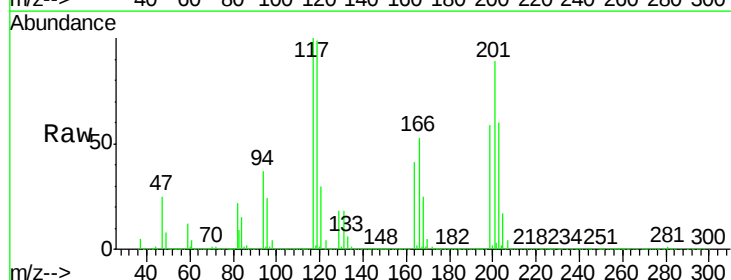
Manual Integrations
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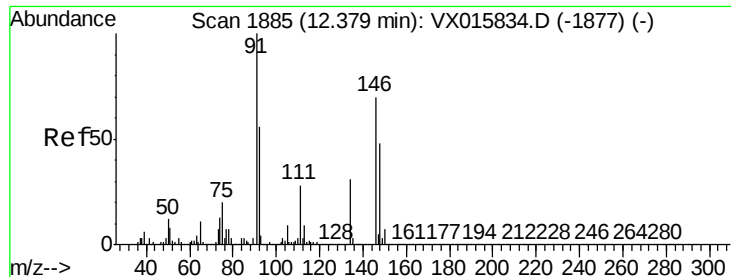
MMDadoda
4/24/2020 11:35:29 AM



#90
Hexachloroethane
Concen: 78.178 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion: 117 Resp: 309330
Ion Ratio Lower Upper
117 100
201 93.1 45.6 136.9





#91

1,2-Dichlorobenzene

Concen: 49.253 ug/l

RT: 12.38 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Instrument :

MSVOA_X

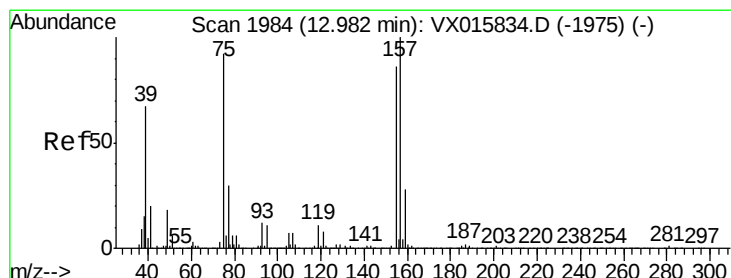
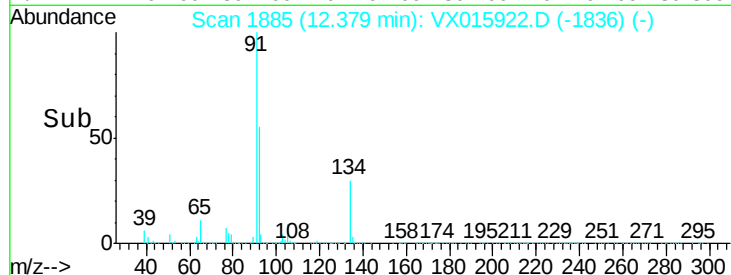
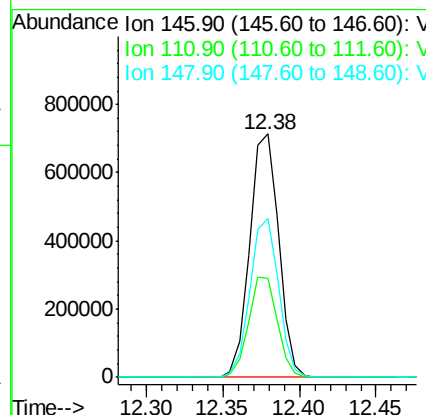
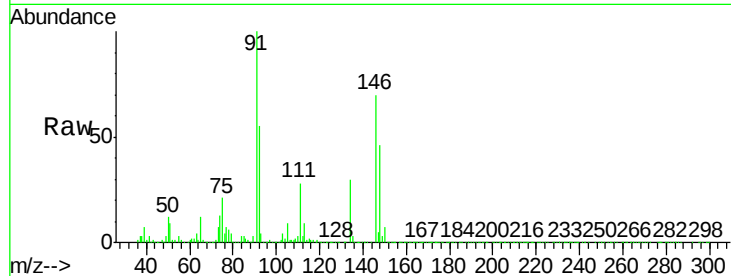
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	941266
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.3	61.0
148	64.2	32.1	96.3

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:29 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.417 ug/l

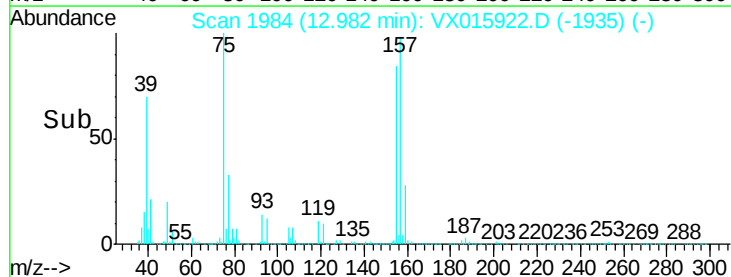
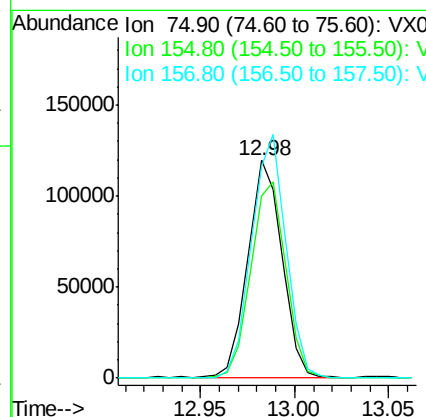
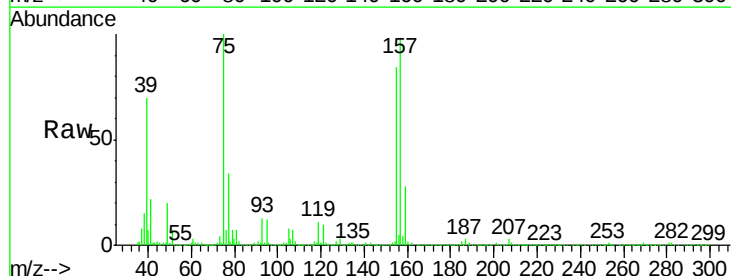
RT: 12.98 min Scan# 1984

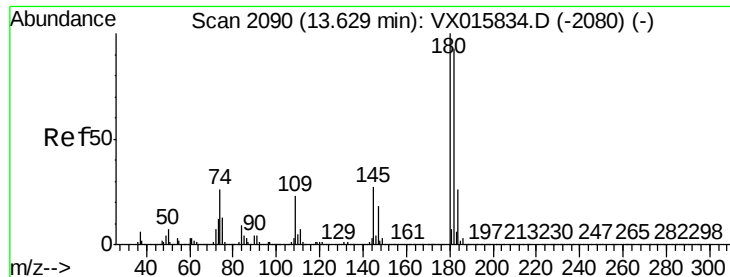
Delta R.T. 0.00 min

Lab File: VX015922.D

Acq: 24 Apr 2020 03:58

Tgt Ion:	75	Resp:	149809
Ion Ratio	Lower	Upper	
75	100		
155	92.8	48.1	144.4
157	112.7	58.9	176.7





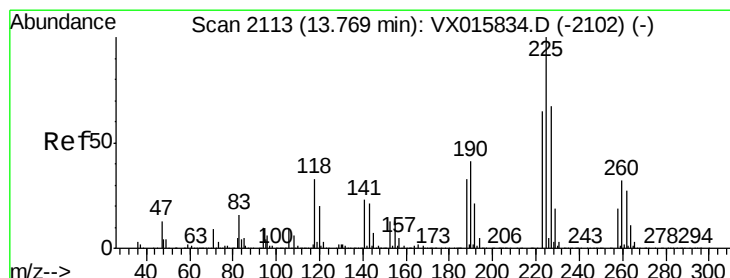
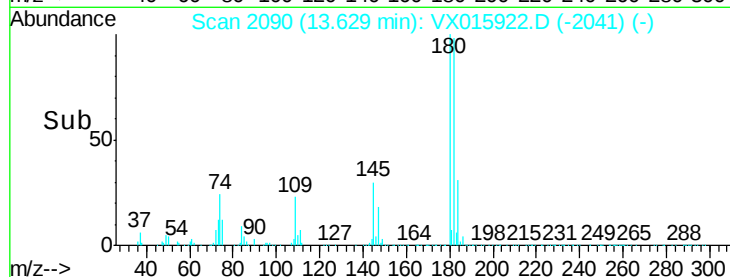
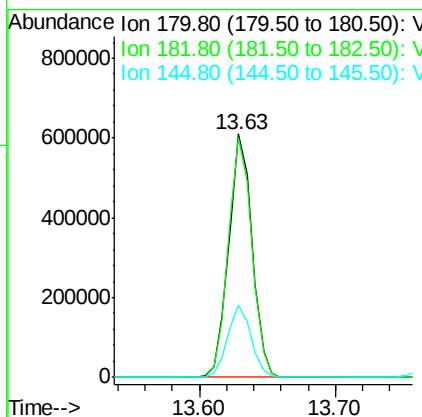
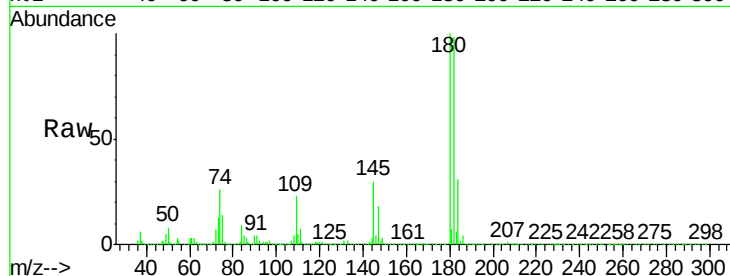
#93
 1,2,4-Trichlorobenzene
 Concen: 48.437 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	98.9	47.7	143.1
145	29.5	14.5	43.5

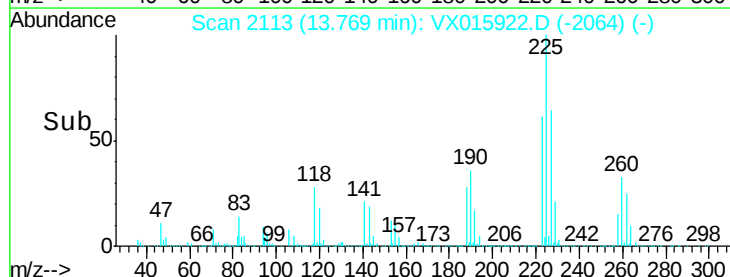
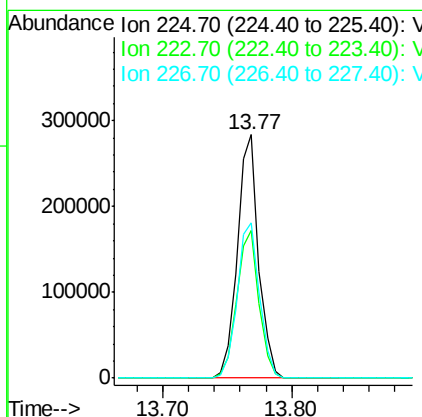
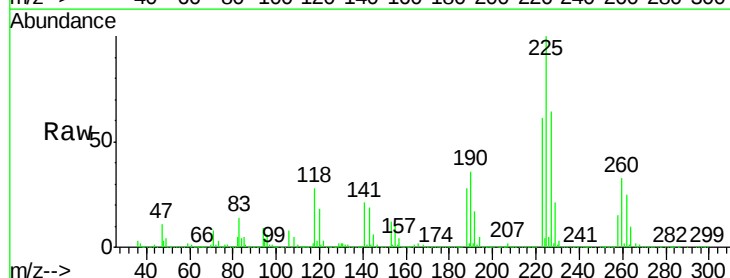
Manual Integrations
 APPROVED

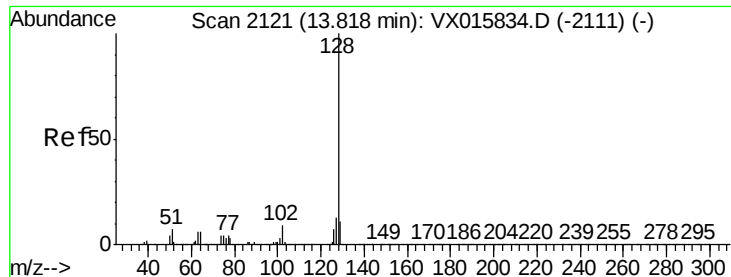
MMDadoda
 4/24/2020 11:35:29 AM



#94
 Hexachlorobutadiene
 Concen: 48.077 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015922.D
 Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	31.3	93.8
227	67.2	32.6	97.8





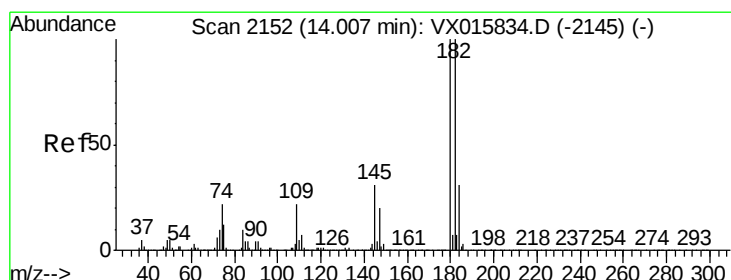
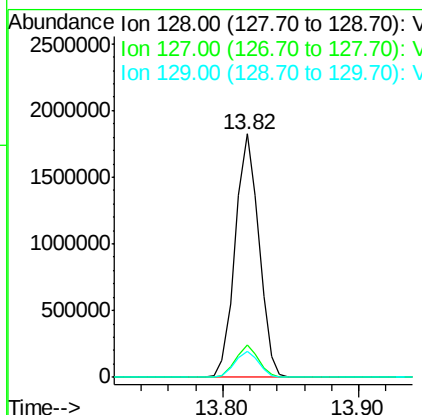
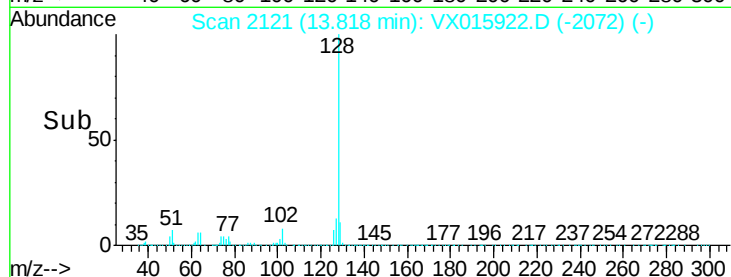
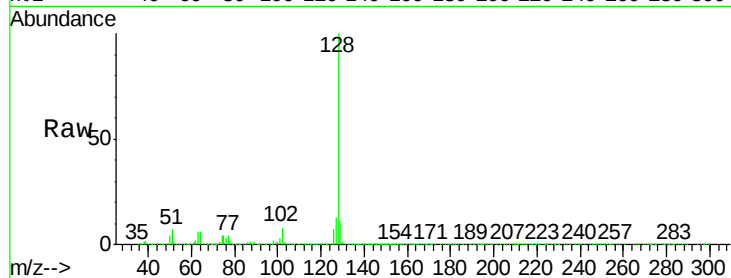
#95
Naphthalene
Concen: 51.066 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.5	15.7
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:29 AM



#96
1,2,3-Trichlorobenzene
Concen: 47.448 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015922.D
Acq: 24 Apr 2020 03:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.9	47.9	143.7
145	32.4	15.2	45.5

