

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042320\
 Data File : VX015902.D
 Acq On : 23 Apr 2020 19:40
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/24/2020 11:35:05 AM

Quant Time: Apr 24 07:45:01 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	5.63	168	832997	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1290986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1211641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	640551	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	483931	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
35) Dibromofluoromethane	5.47	113	374860	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
50) Toluene-d8	8.70	98	1449623	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
62) 4-Bromofluorobenzene	11.12	95	584939	47.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	416838	58.460	ug/l	100
3) Chloromethane	1.31	50	394450	54.015	ug/l	100
4) Vinyl Chloride	1.39	62	433383	51.273	ug/l	99
5) Bromomethane	1.62	94	175179	61.793	ug/l	96
6) Chloroethane	1.71	64	245981	51.069	ug/l	99
7) Trichlorofluoromethane	1.92	101	572229	54.564	ug/l	99
8) Diethyl Ether	2.17	74	212643	50.000	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	356411	50.099	ug/l	99
10) Methyl Iodide	2.49	142	448595	51.039	ug/l	100
11) Tert butyl alcohol	3.01	59	500517	258.567	ug/l	99
12) 1,1-Dichloroethene	2.36	96	374971	51.394	ug/l	99
13) Acrolein	2.27	56	294844	257.422	ug/l	99
14) Allyl chloride	2.71	41	779270	50.263	ug/l	98
15) Acrylonitrile	3.12	53	1200330	267.148	ug/l	100
16) Acetone	2.42	43	991394	240.322	ug/l	99
17) Carbon Disulfide	2.55	76	964092	36.387	ug/l	99
18) Methyl Acetate	2.75	43	689422	50.623	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1396219	54.207	ug/l	99
20) Methylene Chloride	2.84	84	431782	51.558	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	425707	52.588	ug/l	95
22) Diisopropyl ether	3.83	45	1501398	53.729	ug/l	97
23) Vinyl Acetate	3.79	43	6224080	269.117	ug/l	100
24) 1,1-Dichloroethane	3.67	63	781257	53.640	ug/l	100
25) 2-Butanone	4.64	43	1710033	262.260	ug/l	99
26) 2,2-Dichloropropane	4.55	77	601656	46.244	ug/l	98
27) cis-1,2-Dichloroethene	4.57	96	486254	52.910	ug/l	99
28) Bromochloromethane	4.98	49	369915	48.403	ug/l #	100
29) Tetrahydrofuran	5.09	42	1118812	259.417	ug/l	100
30) Chloroform	5.18	83	779931	53.223	ug/l	98
31) Cyclohexane	5.55	56	716328	51.751	ug/l	97
32) 1,1,1-Trichloroethane	5.47	97	701472	53.688	ug/l	99
36) 1,1-Dichloropropene	5.77	75	589242	51.485	ug/l	99
37) Ethyl Acetate	4.79	43	693985	50.950	ug/l	99
38) Carbon Tetrachloride	5.76	117	618110	54.830	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	696170	48.034	ug/l	100
40) Benzene	6.12	78	1755295	50.922	ug/l	100
41) Methacrylonitrile	5.01	41	387526	51.201	ug/l	97
42) 1,2-Dichloroethane	6.17	62	646502	52.084	ug/l	99
43) Isopropyl Acetate	6.42	43	1175601	51.166	ug/l	99
44) Trichloroethene	7.19	130	582752	48.106	ug/l	99
45) 1,2-Dichloropropane	7.49	63	471878	52.237	ug/l	99
46) Dibromomethane	7.64	93	310155	47.034	ug/l	98
47) Bromodichloromethane	7.88	83	643474	54.851	ug/l	98
48) Methyl methacrylate	7.75	41	585383	51.795	ug/l	99
49) 1,4-Dioxane	7.72	88	207666	972.249	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	3404054	256.676	ug/l	100
52) Toluene	8.76	92	1137345	51.476	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	749312	51.479	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	790593	51.390	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	459149	53.219	ug/l	96
56) Ethyl methacrylate	9.16	69	761307	52.096	ug/l	100
57) 1,3-Dichloropropane	9.36	76	790477	52.726	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1891526	259.101	ug/l	99
59) 2-Hexanone	9.47	43	2573097	254.683	ug/l	100
60) Dibromochloromethane	9.57	129	519088	58.262	ug/l	96
61) 1,2-Dibromoethane	9.65	107	483303	50.686	ug/l	98
64) Tetrachloroethene	9.32	164	721598	44.184	ug/l #	85
65) Chlorobenzene	10.12	112	1240084	51.182	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	484717	53.520	ug/l	98
67) Ethyl Benzene	10.24	91	2175061	51.120	ug/l	100
68) m/p-Xylenes	10.34	106	1637290	102.520	ug/l	100
69) o-Xylene	10.68	106	800952	50.965	ug/l	99
70) Styrene	10.70	104	1407831	51.736	ug/l	100
71) Bromoform	10.84	173	402538	68.208	ug/l #	96
73) Isopropylbenzene	11.01	105	2132545	52.421	ug/l	99
74) N-amyl acetate	10.88	43	1079148	51.384	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	497784	57.818	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	632880m	51.958	ug/l	
77) Bromobenzene	11.24	156	579852	52.166	ug/l	97
78) n-propylbenzene	11.34	91	2453492	52.647	ug/l	100
79) 2-Chlorotoluene	11.40	91	1475751	52.718	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1836899	52.954	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	247909	48.959	ug/l	98
82) 4-Chlorotoluene	11.50	91	1744057	52.430	ug/l	100
83) tert-Butylbenzene	11.76	119	1646698	53.517	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1888225	52.432	ug/l	99
85) sec-Butylbenzene	11.93	105	2064535	50.899	ug/l	99
86) p-Isopropyltoluene	12.05	119	1985766	52.356	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	1018083	49.896	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	1031542	50.504	ug/l	97
89) n-Butylbenzene	12.37	91	1719123	50.696	ug/l	98
90) Hexachloroethane	12.58	117	322624	80.520	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	983140	50.802	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	150740	59.040	ug/l	99

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 VSTDCCC050EC

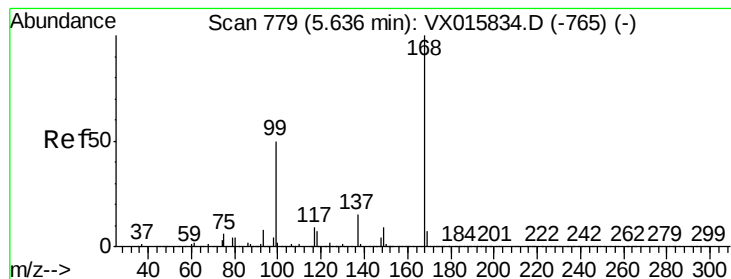
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	758045	49.714	ug/l	99
94) Hexachlorobutadiene	13.77	225	339968	49.727	ug/l	98
95) Naphthalene	13.82	128	2240977	51.083	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	734014	49.341	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 832997

Ion Ratio Lower Upper

168 100

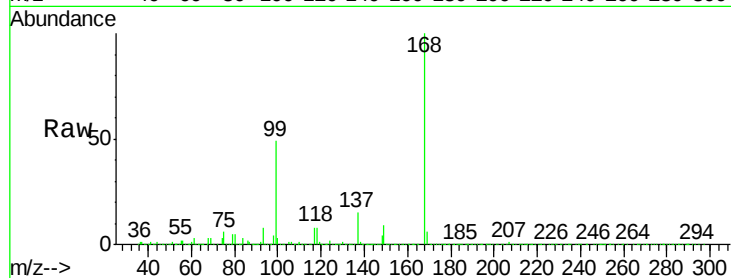
99 48.9 40.3 60.5

Manual Integrations

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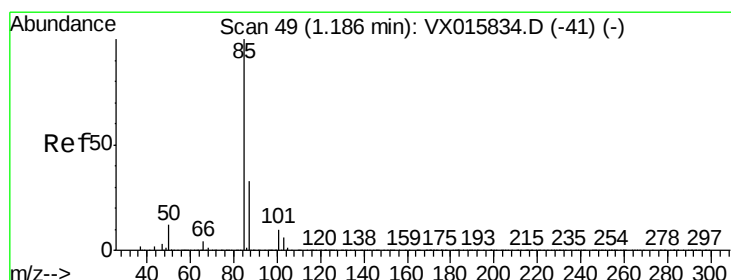
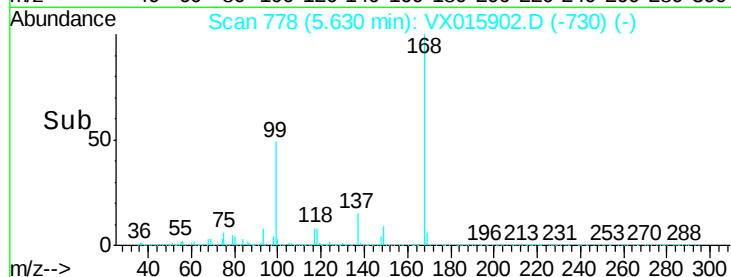
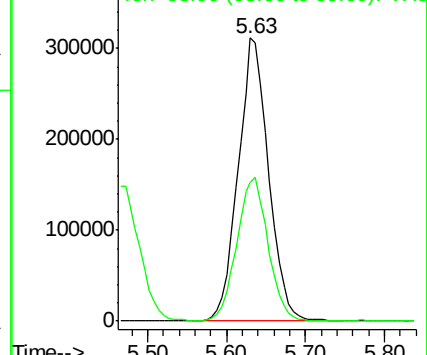
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 58.460 ug/l

RT: 1.18 min Scan# 48

Delta R.T. -0.01 min

Lab File: VX015902.D

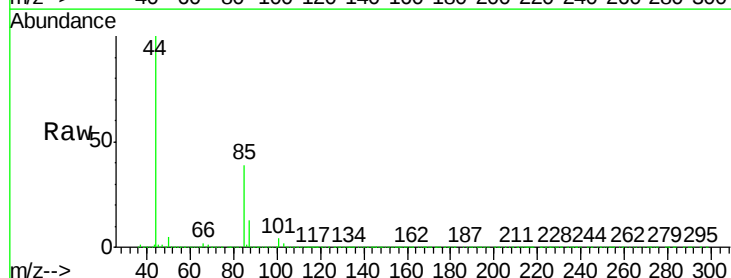
Acq: 23 Apr 2020 19:40

Tgt Ion: 85 Resp: 416838

Ion Ratio Lower Upper

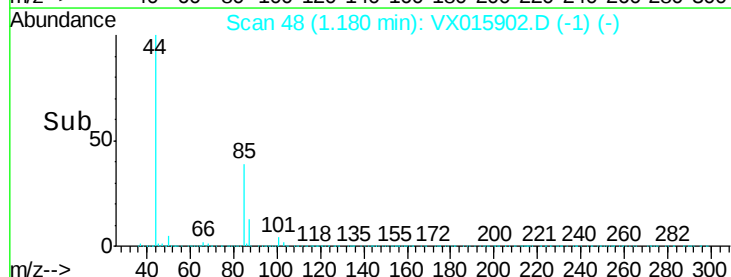
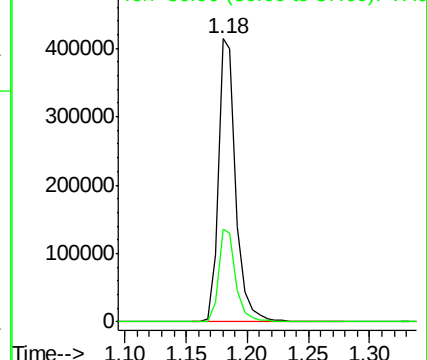
85 100

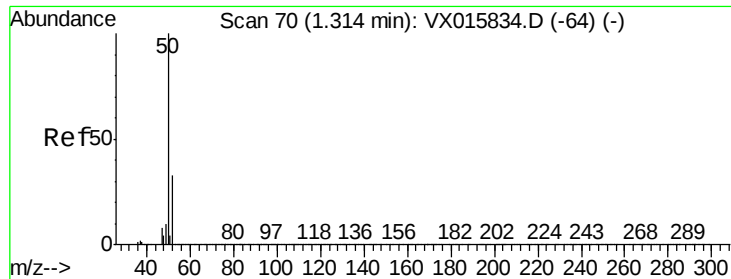
87 32.6 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





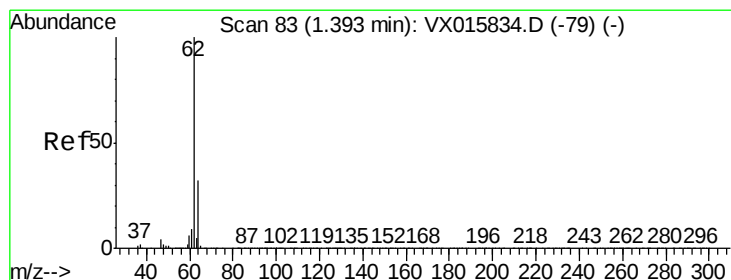
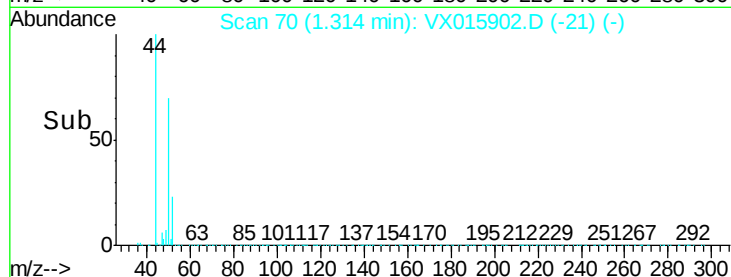
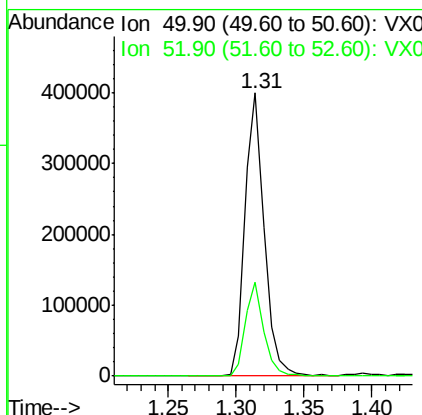
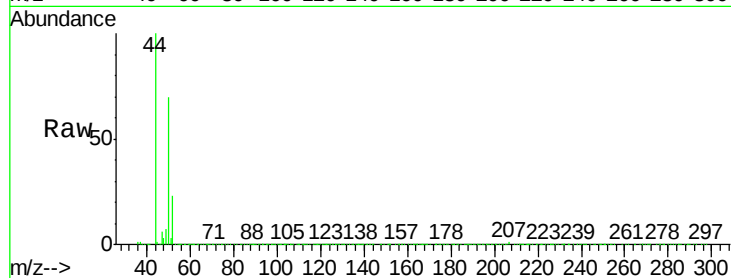
#3
Chloromethane
Concen: 54.015 ug/l
RT: 1.31 min Scan# 70
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
50	100		
52	32.9	26.2	39.4

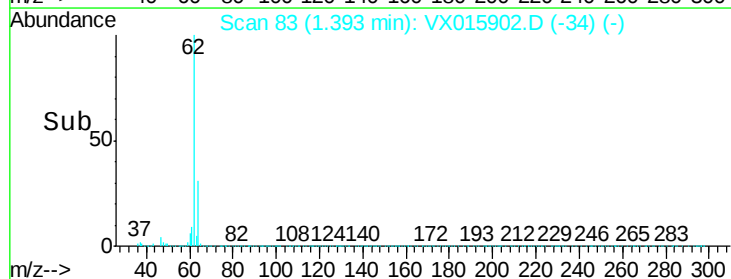
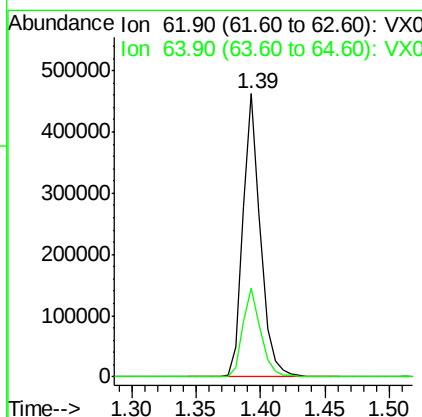
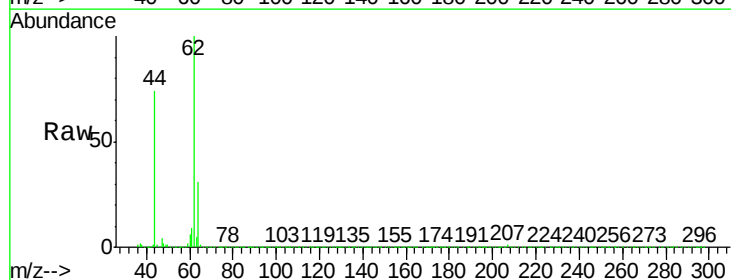
Manual Integrations
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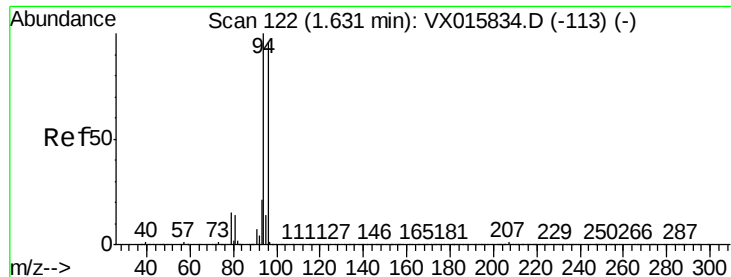
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#4
Vinyl Chloride
Concen: 51.273 ug/l
RT: 1.39 min Scan# 83
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
62	100		
64	31.4	25.4	38.2





#5

Bromomethane

Concen: 61.793 ug/l

RT: 1.62 min Scan# 121

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 175179

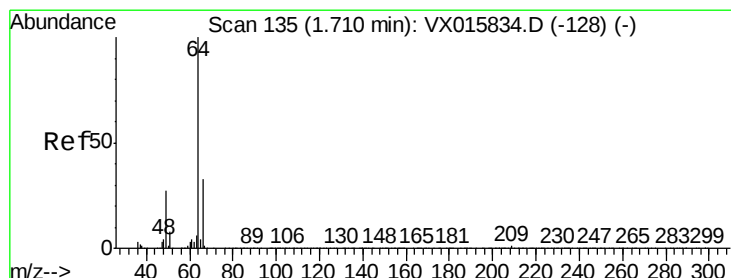
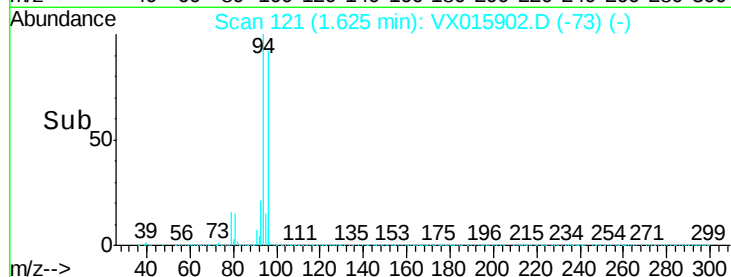
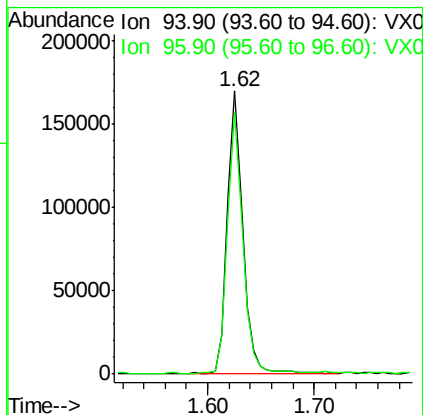
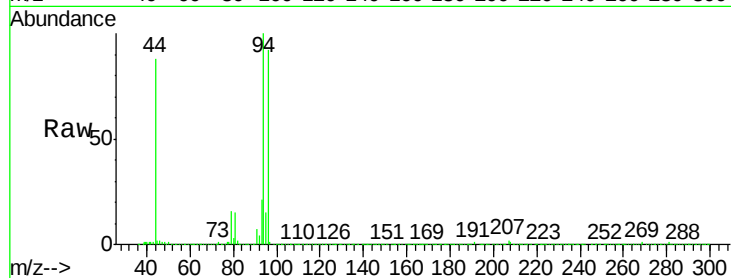
Ion Ratio Lower Upper

94 100

96 92.0 76.7 115.1

Manual Integrations
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#6

Chloroethane

Concen: 51.069 ug/l

RT: 1.71 min Scan# 135

Delta R.T. 0.00 min

Lab File: VX015902.D

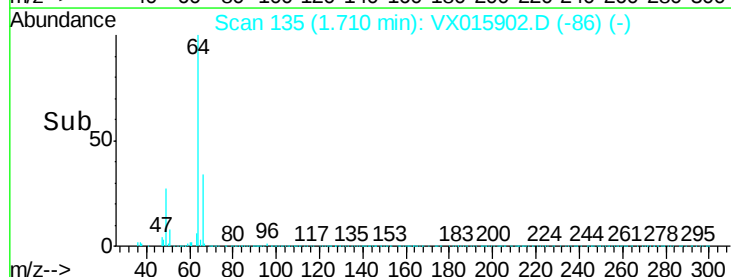
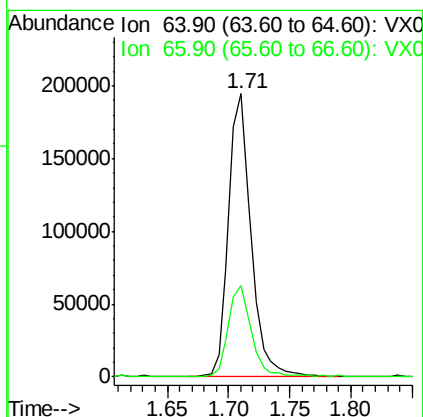
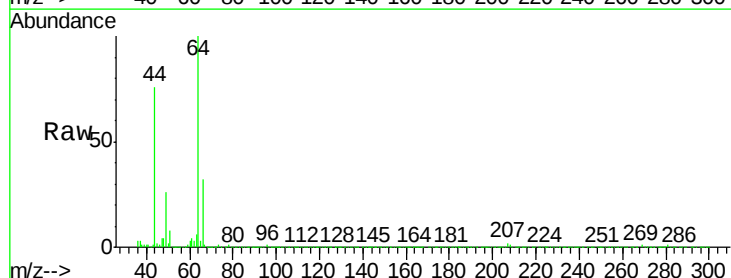
Acq: 23 Apr 2020 19:40

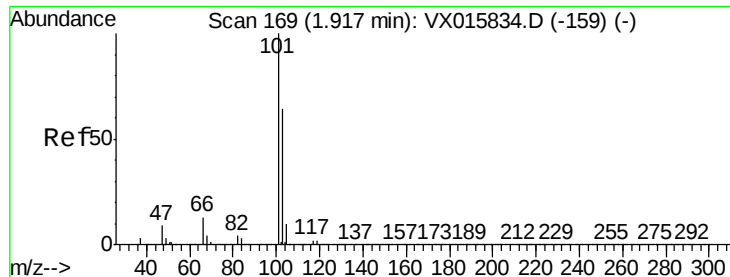
Tgt Ion: 64 Resp: 245981

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.2





#7

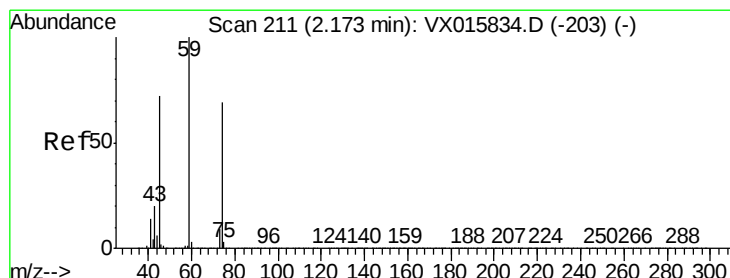
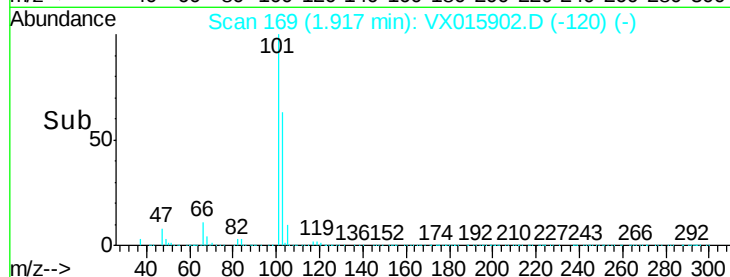
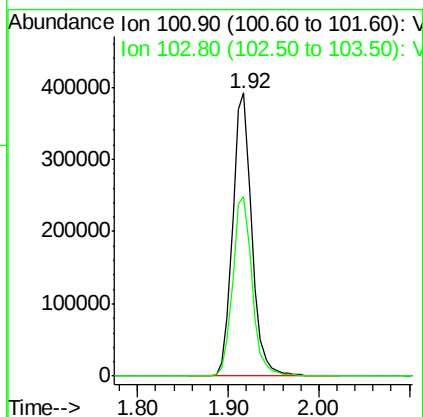
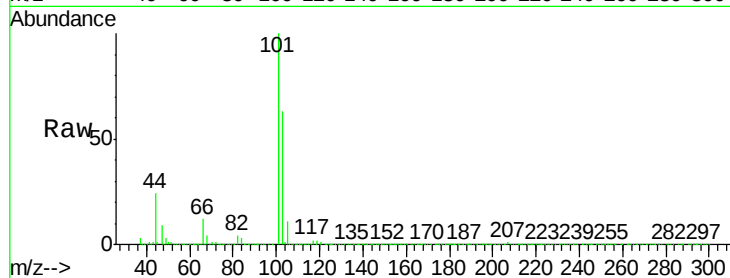
Trichlorofluoromethane
Concen: 54.564 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	63.2	51.4	77.0

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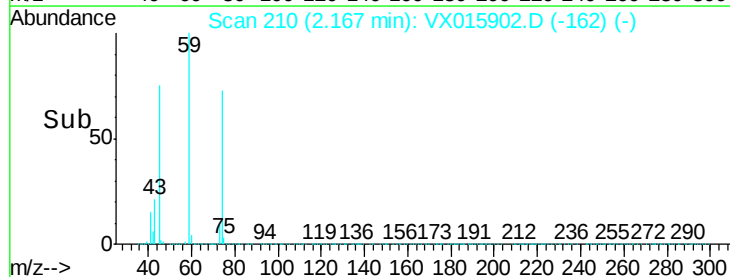
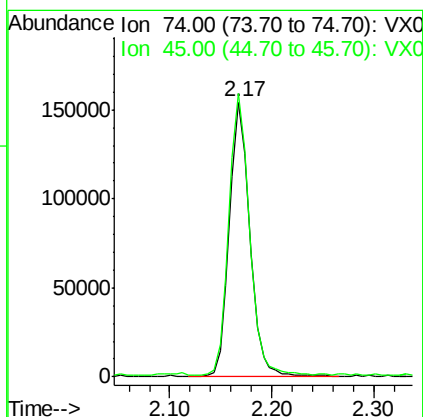
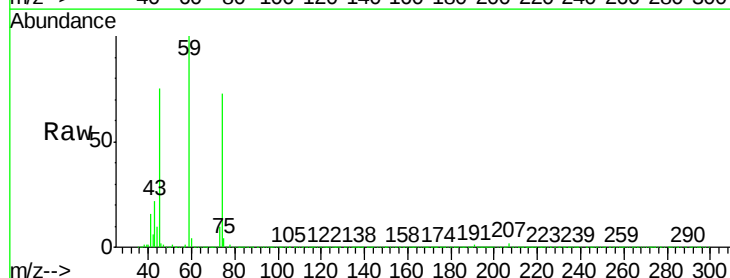
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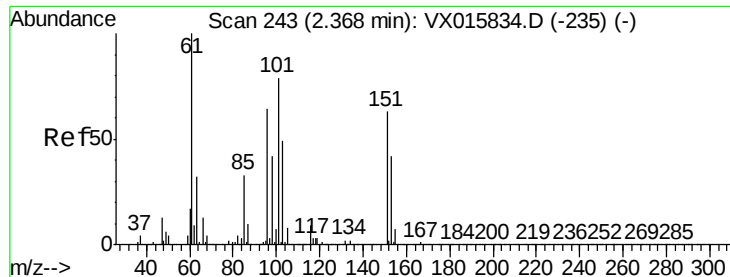


#8

Diethyl Ether
Concen: 50.000 ug/l
RT: 2.17 min Scan# 210
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	102.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.099 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

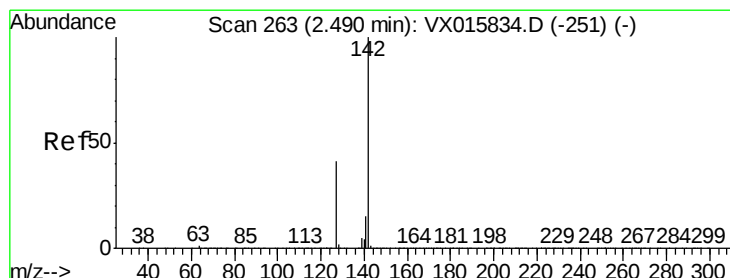
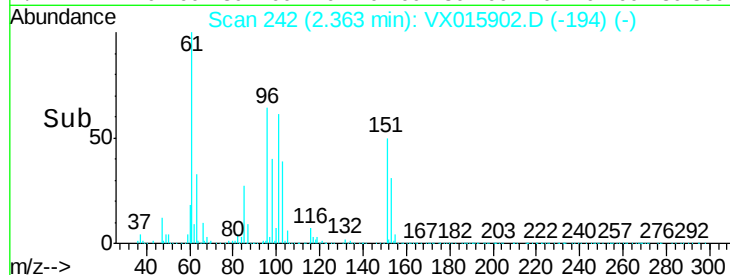
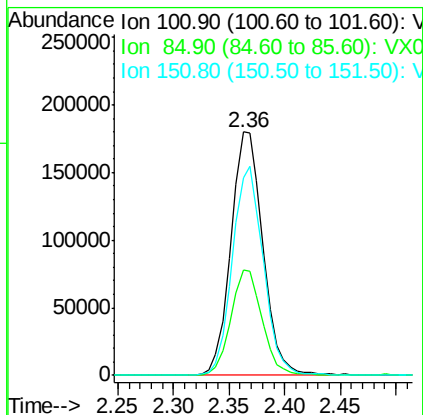
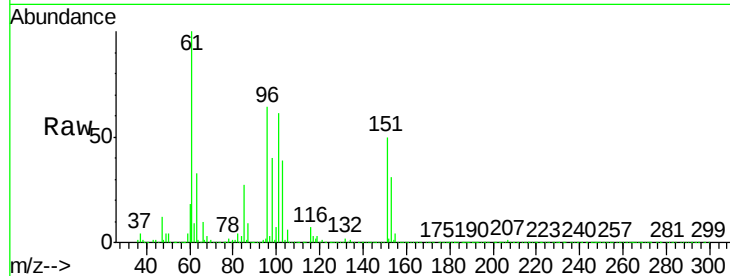
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	356411
Ion Ratio	Lower	Upper	
101	100		
85	42.6	33.8	50.6
151	83.2	67.8	101.6

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#10

Methyl Iodide

Concen: 51.039 ug/l

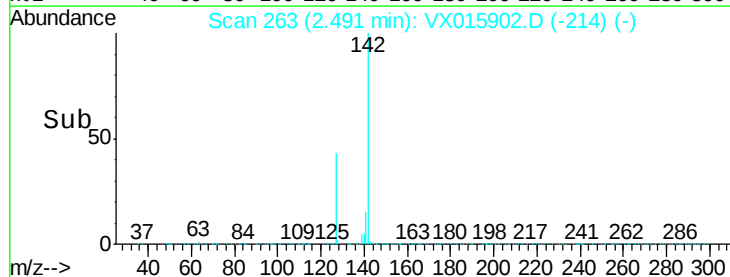
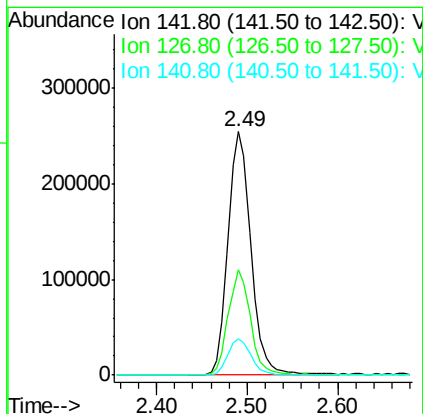
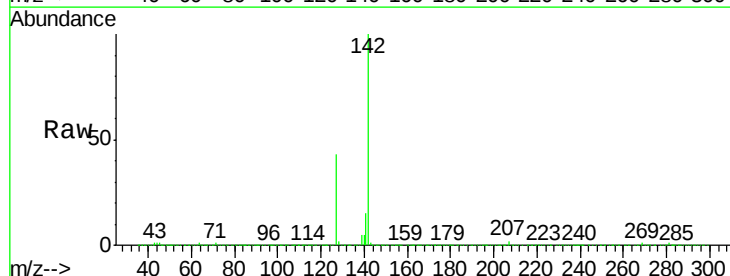
RT: 2.49 min Scan# 263

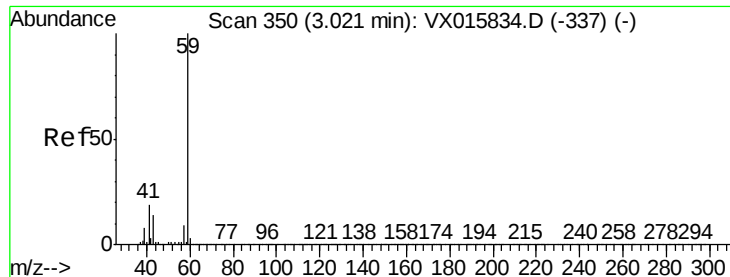
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	142	Resp:	448595
Ion Ratio	Lower	Upper	
142	100		
127	41.6	33.3	49.9
141	14.9	11.8	17.6





#11

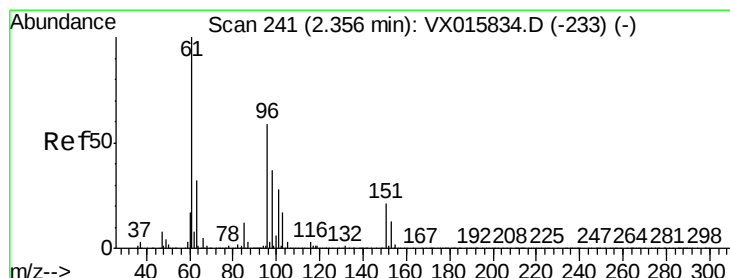
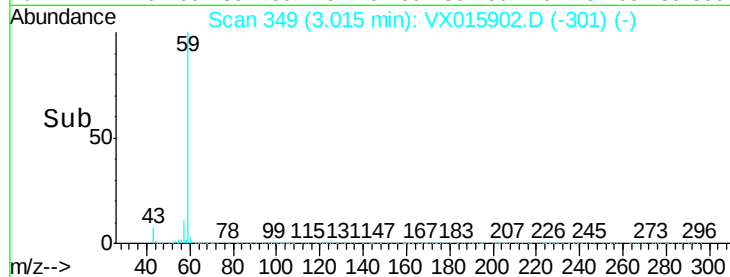
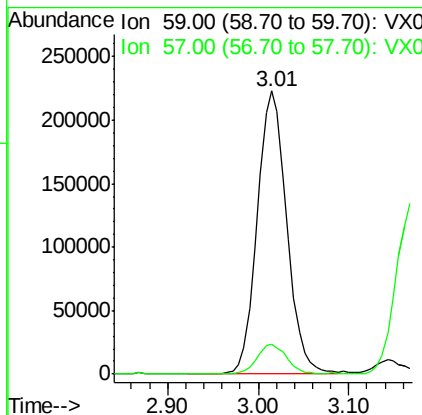
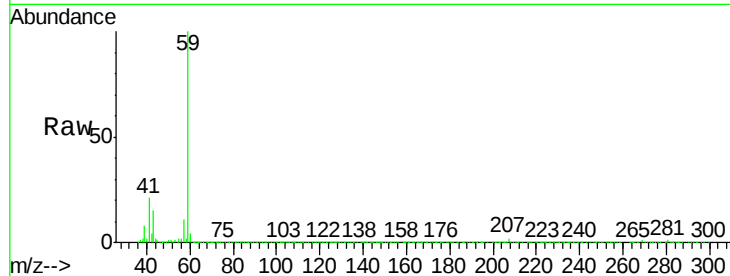
Tert butyl alcohol
 Concen: 258.567 ug/l
 RT: 3.01 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.5	8.2	12.2

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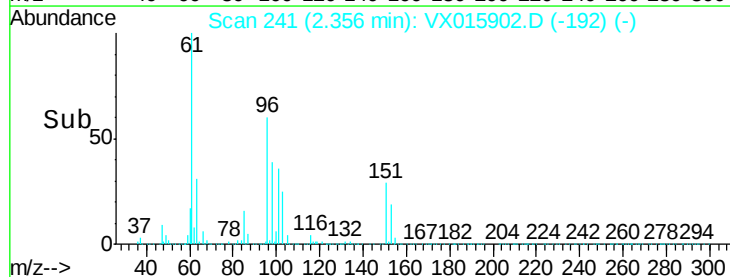
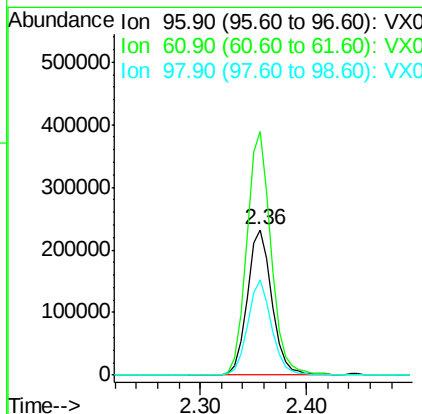
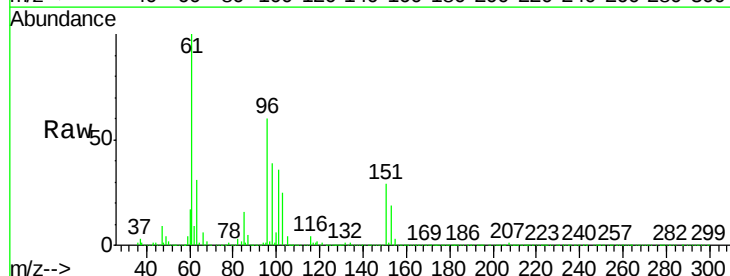
MMDadoda
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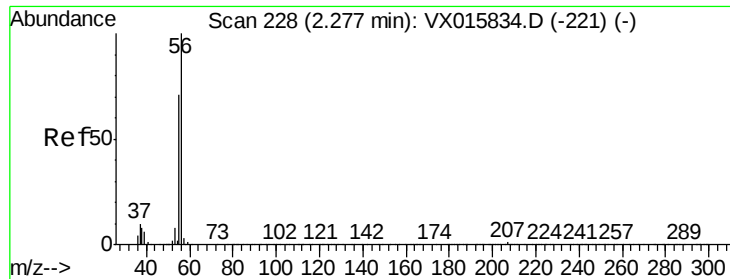


#12

1,1-Dichloroethene
 Concen: 51.394 ug/l
 RT: 2.36 min Scan# 241
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.8	135.0	202.6
98	65.7	50.6	76.0





#13

Acrolein

Concen: 257.422 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 294844

Ion Ratio Lower Upper

56 100

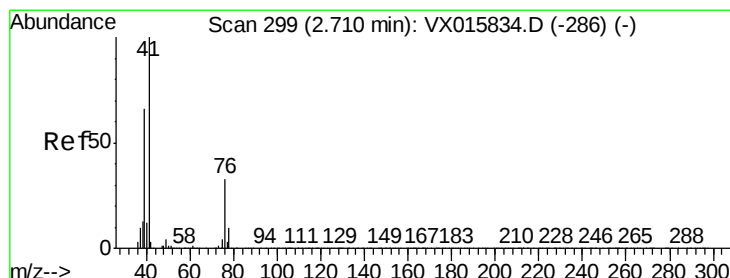
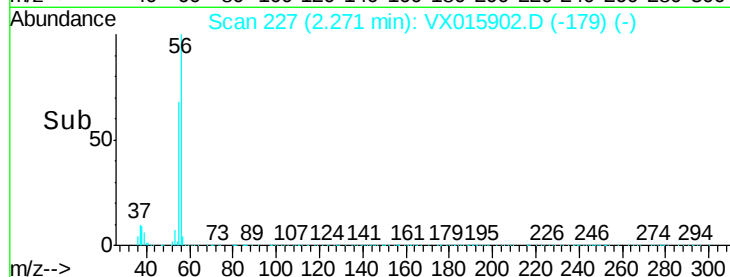
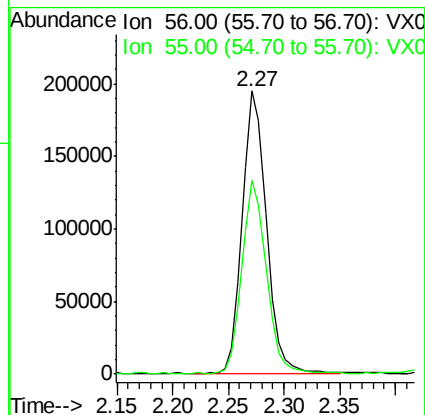
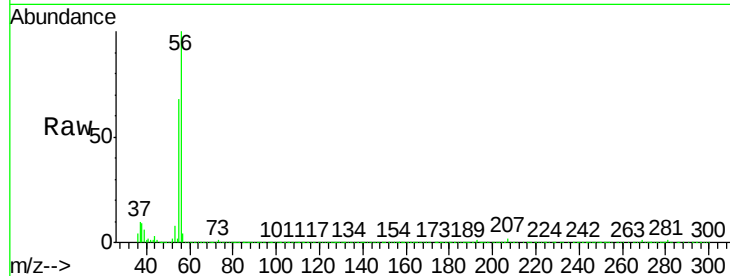
55 69.0 56.1 84.1

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#14

Allyl chloride

Concen: 50.263 ug/l

RT: 2.71 min Scan# 299

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

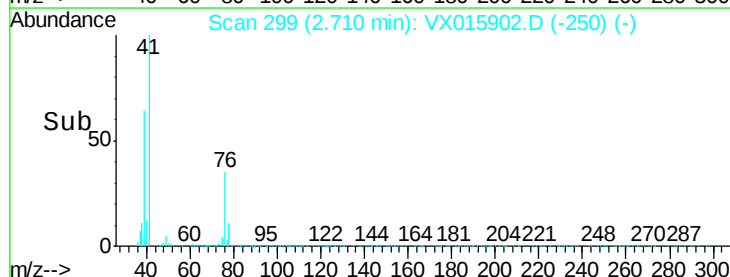
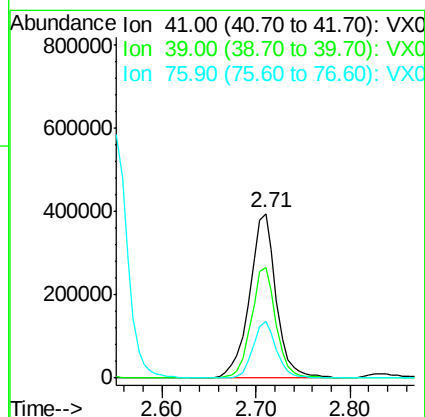
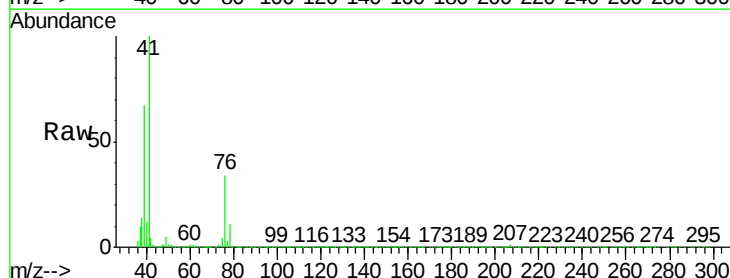
Tgt Ion: 41 Resp: 779270

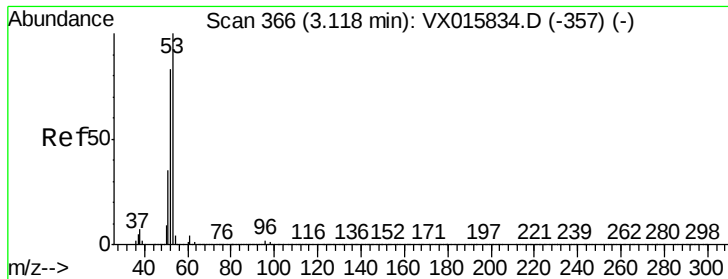
Ion Ratio Lower Upper

41 100

39 62.7 48.4 72.6

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 267.148 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

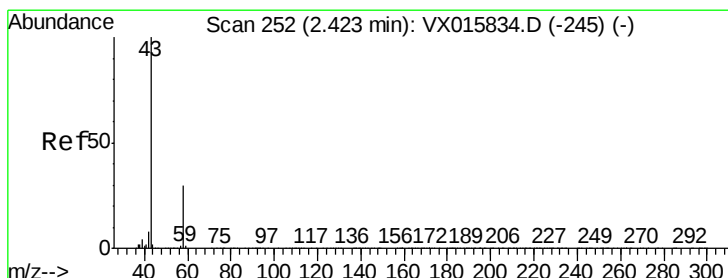
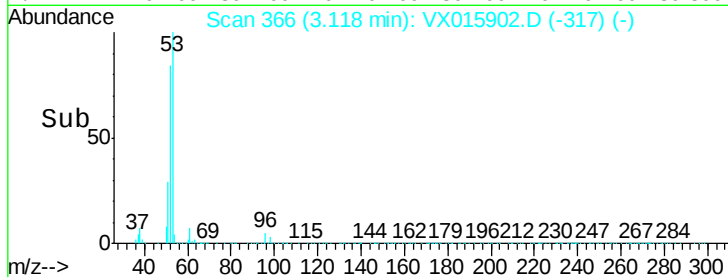
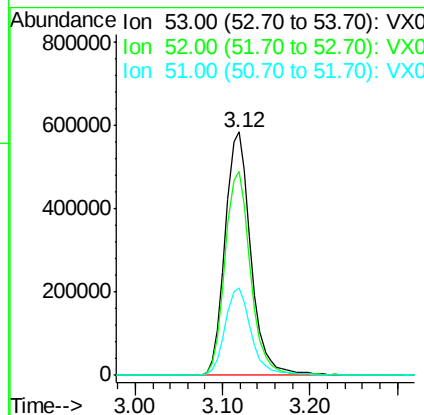
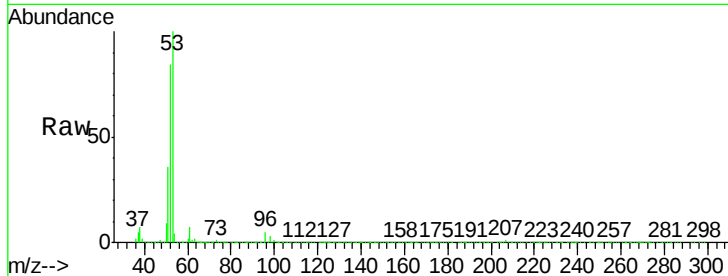
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	1200330
Ion	Ratio	Lower	Upper
53	100		
52	82.5	66.2	99.4
51	36.1	28.6	43.0

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#16

Acetone

Concen: 240.322 ug/l

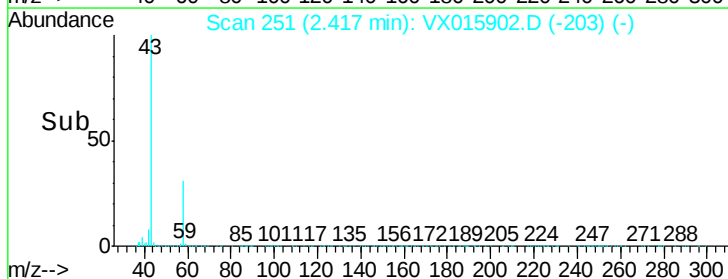
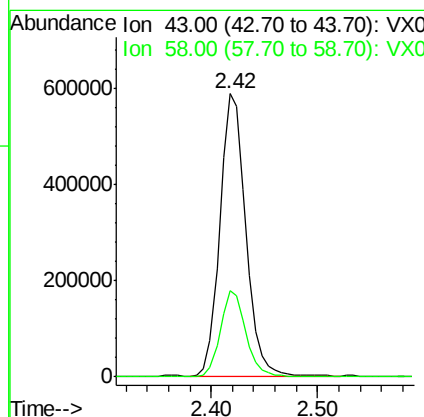
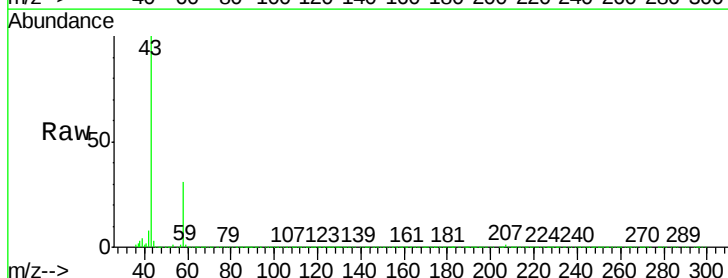
RT: 2.42 min Scan# 251

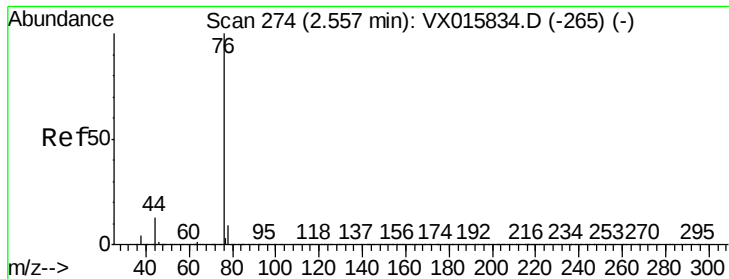
Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	43	Resp:	991394
Ion	Ratio	Lower	Upper
43	100		
58	30.6	24.0	36.0





#17

Carbon Disulfide

Concen: 36.387 ug/l

RT: 2.55 min Scan# 273

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 964092

Ion Ratio Lower Upper

76 100

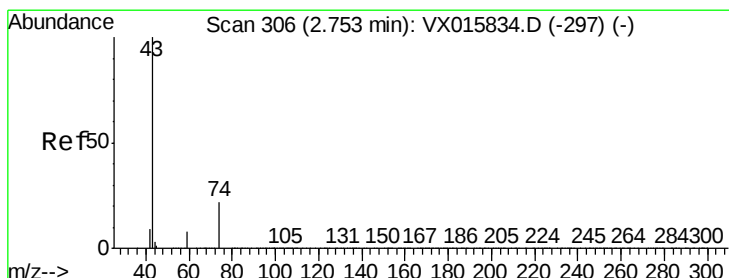
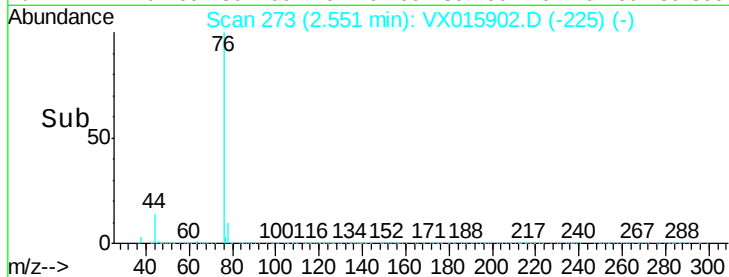
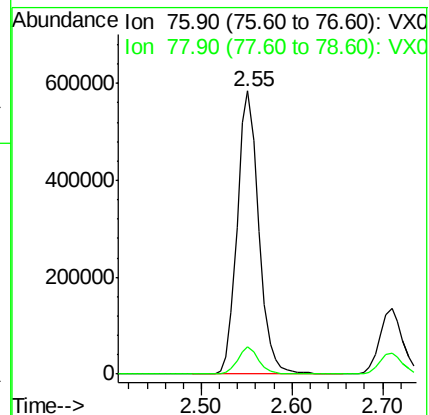
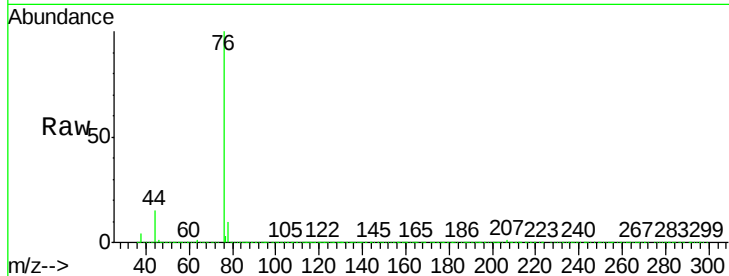
78 9.6 7.4 11.2

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#18

Methyl Acetate

Concen: 50.623 ug/l

RT: 2.75 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX015902.D

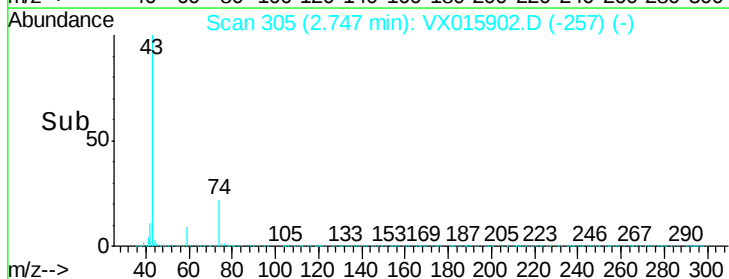
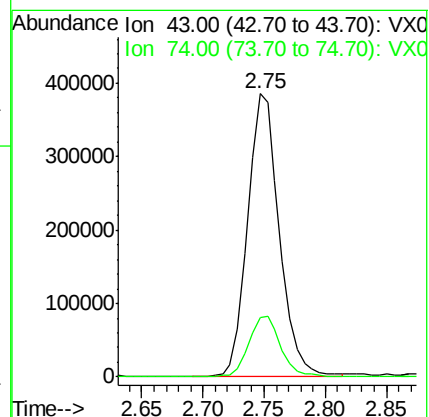
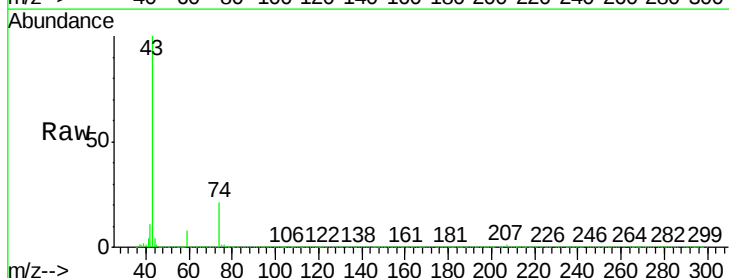
Acq: 23 Apr 2020 19:40

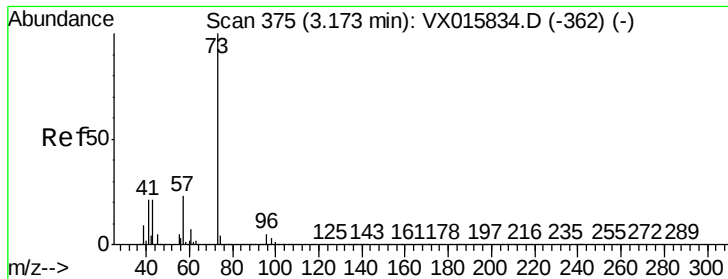
Tgt Ion: 43 Resp: 689422

Ion Ratio Lower Upper

43 100

74 21.9 17.9 26.9





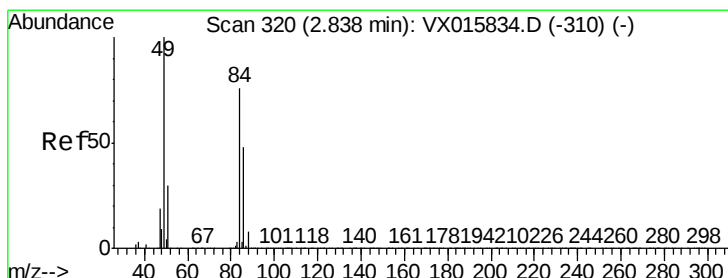
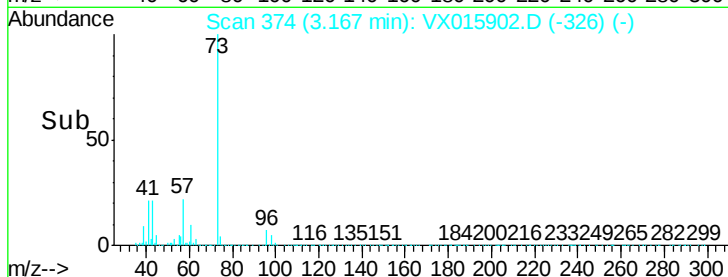
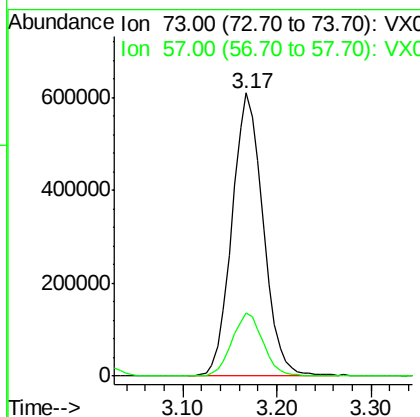
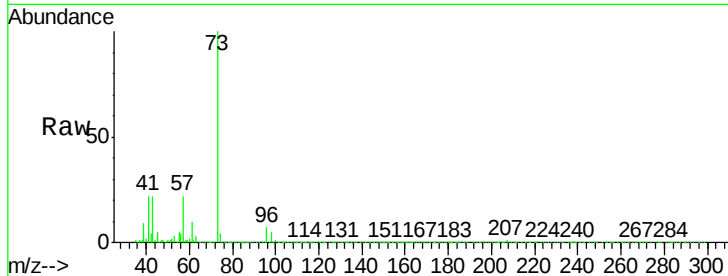
#19
Methvl tert-butvl Ether
Concen: 54.207 ug/l
RT: 3.17 min Scan# 374
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1396219
Ion Ratio Lower Upper
73 100
57 22.1 18.1 27.1

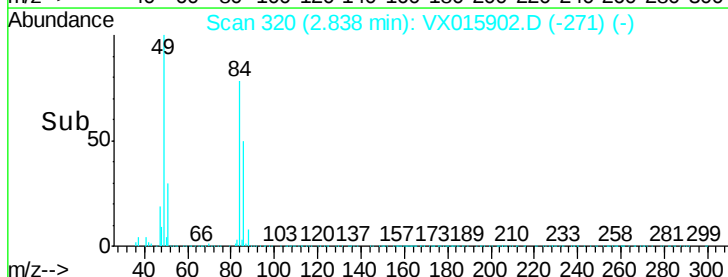
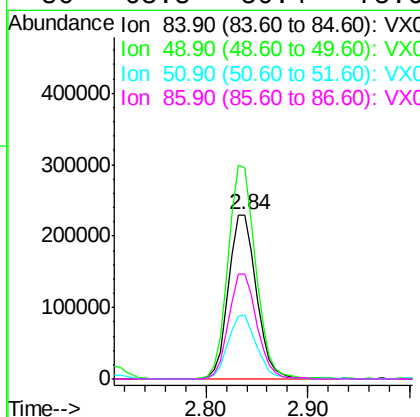
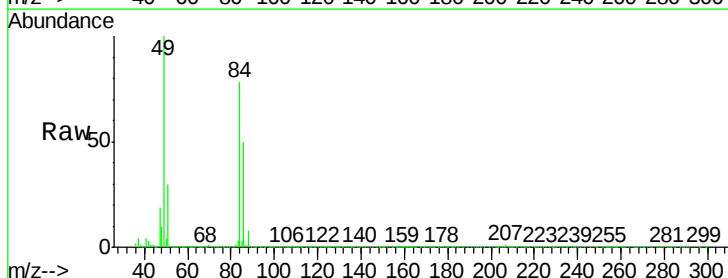
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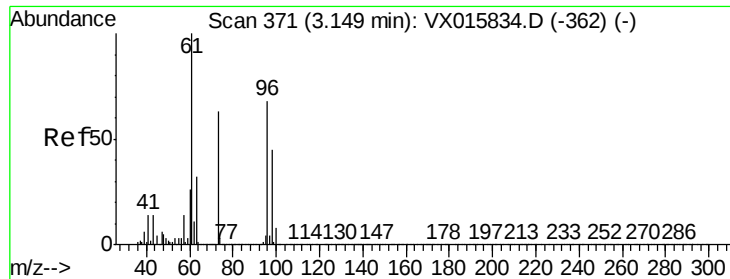
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#20
Methylene Chloride
Concen: 51.558 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 84 Resp: 431782
Ion Ratio Lower Upper
84 100
49 128.4 104.9 157.3
51 38.8 32.0 48.0
86 63.8 50.4 75.6





#21

trans-1,2-Dichloroethene

Concen: 52.588 ug/l

RT: 3.14 min Scan# 370

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

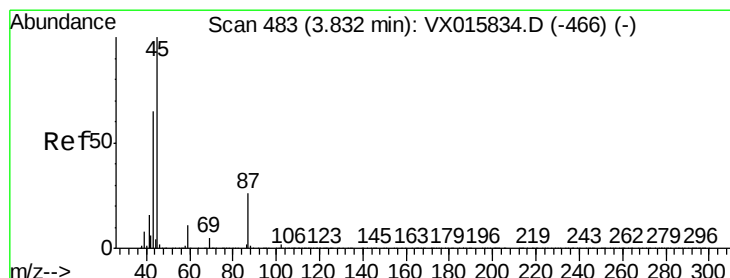
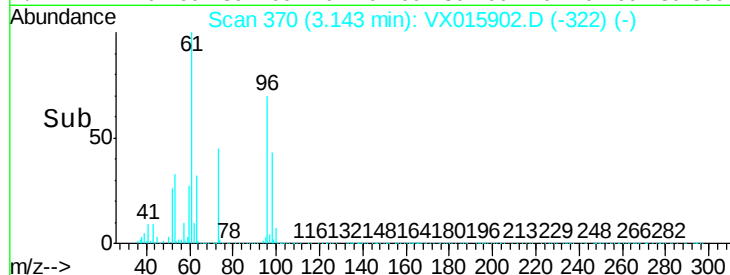
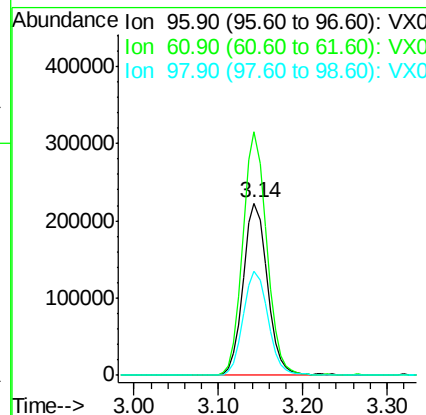
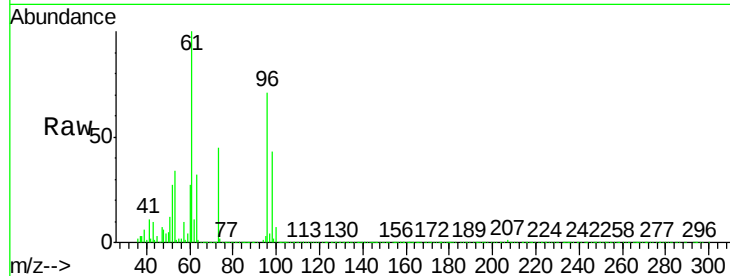
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	425707
Ion Ratio	Lower	Upper	
96	100		
61	141.6	117.5	176.3
98	60.5	52.7	79.1

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#22

Diisopropyl ether

Concen: 53.729 ug/l

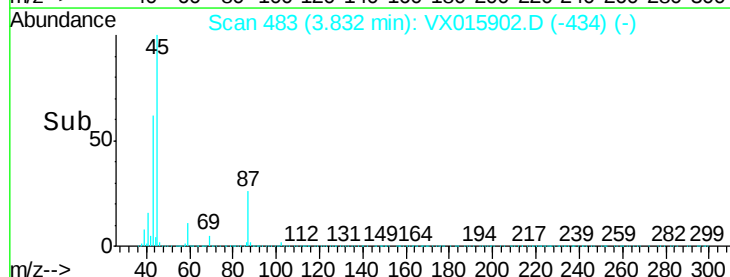
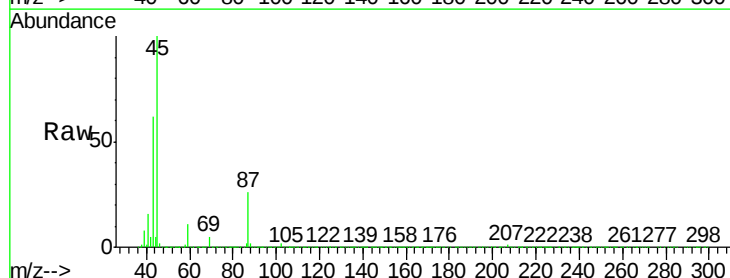
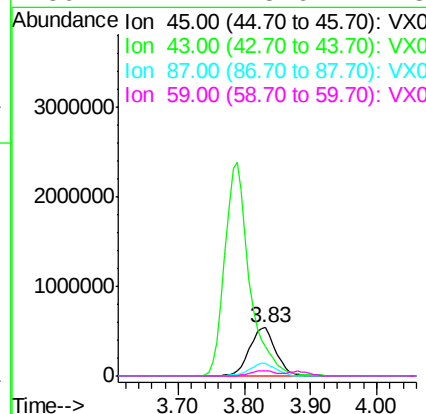
RT: 3.83 min Scan# 483

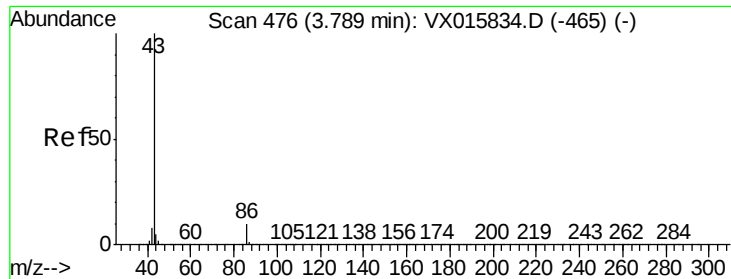
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	45	Resp:	1501398
Ion Ratio	Lower	Upper	
45	100		
43	61.8	52.4	78.6
87	25.8	20.7	31.1
59	11.2	8.6	12.8





#23

Vinyl Acetate

Concen: 269.117 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 6224080

Ion Ratio Lower Upper

43 100

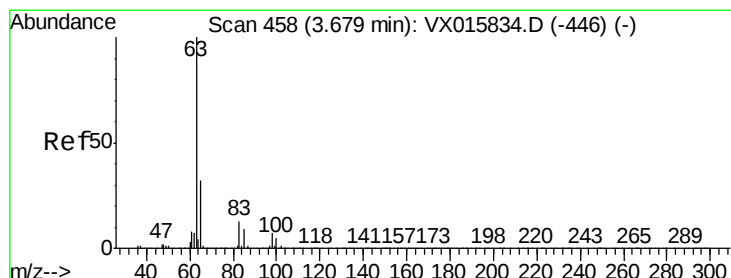
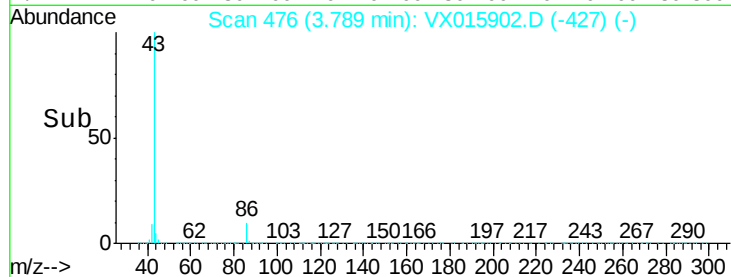
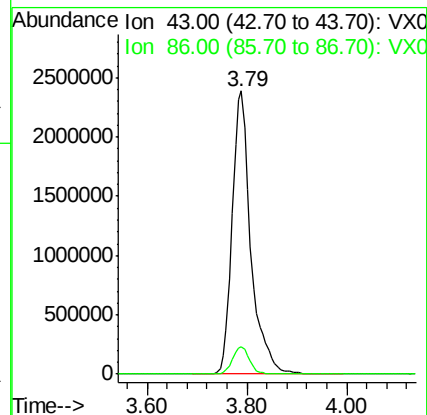
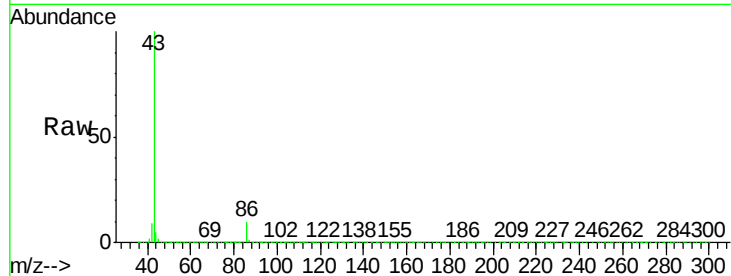
86 9.9 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 53.640 ug/l

RT: 3.67 min Scan# 457

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

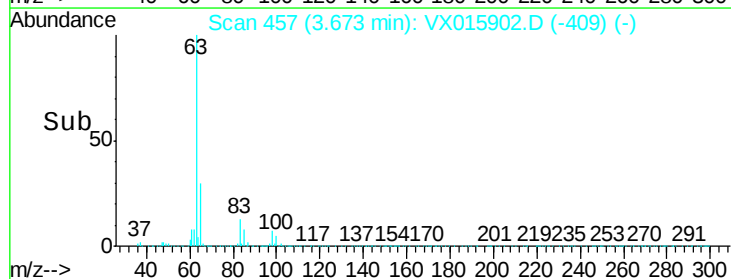
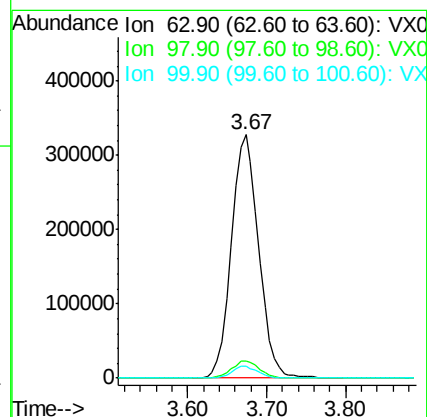
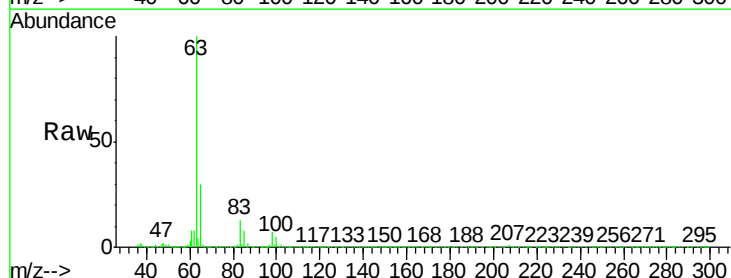
Tgt Ion: 63 Resp: 781257

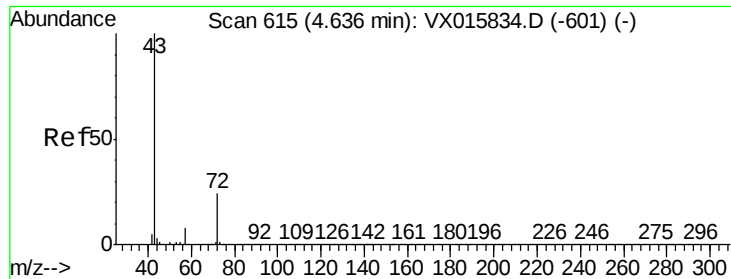
Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

100 4.7 2.3 6.8





#25

2-Butanone

Concen: 262.260 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tot Ion: 43 Resp: 1710033

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2

Instrument :

MSVOA_X

ClientSampleId :

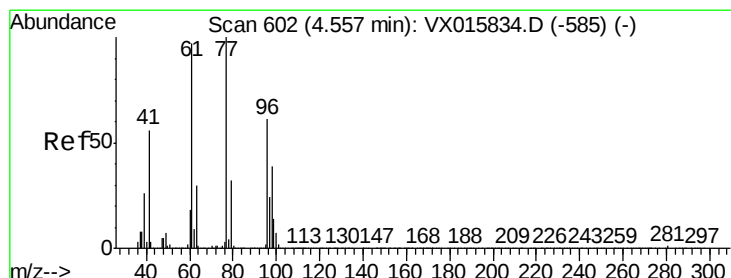
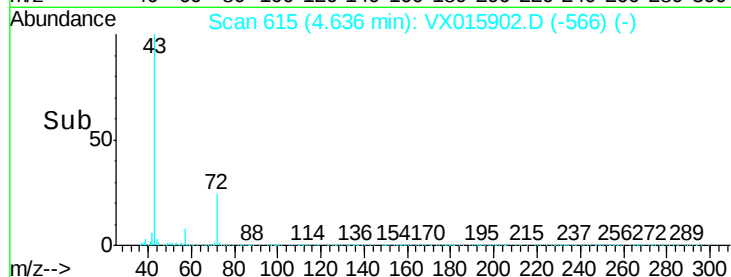
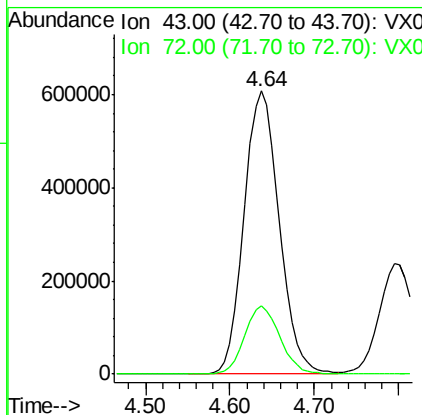
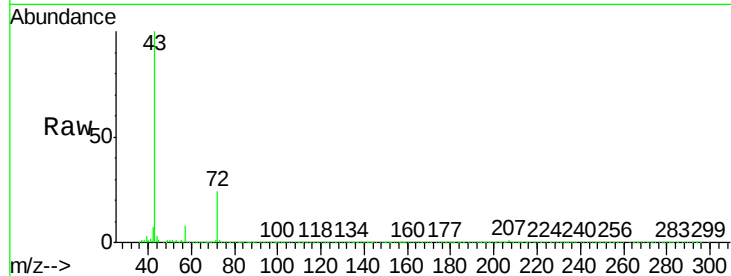
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.244 ug/l

RT: 4.55 min Scan# 601

Delta R.T. -0.01 min

Lab File: VX015902.D

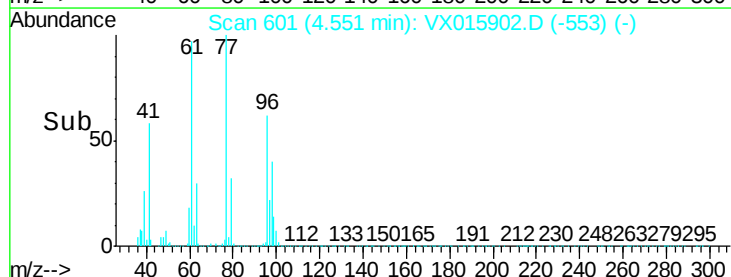
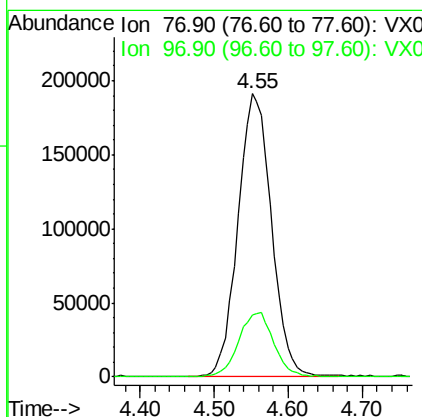
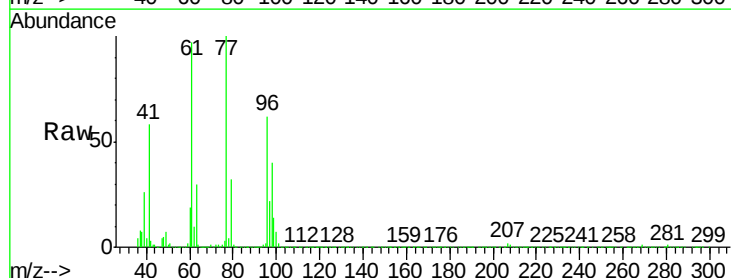
Acq: 23 Apr 2020 19:40

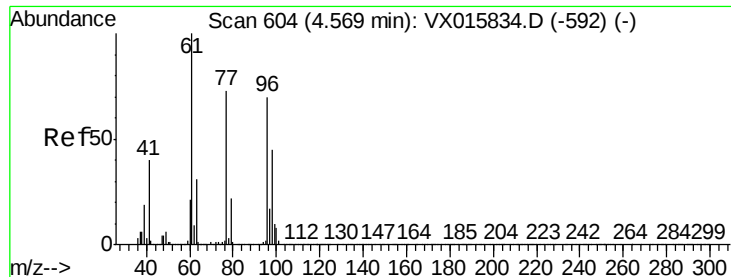
Tgt Ion: 77 Resp: 601656

Ion Ratio Lower Upper

77 100

97 23.8 11.4 34.1





#27

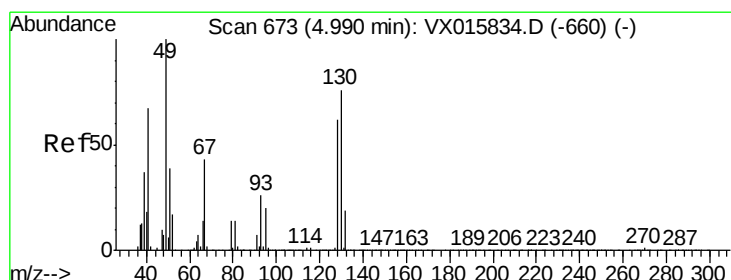
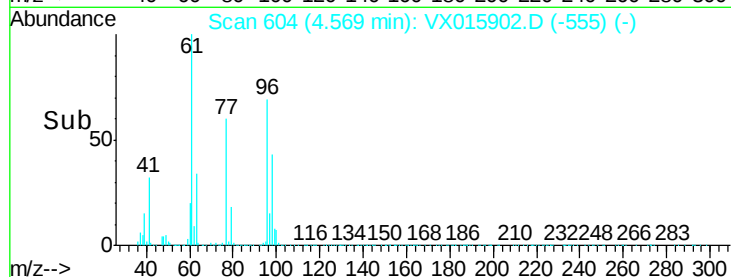
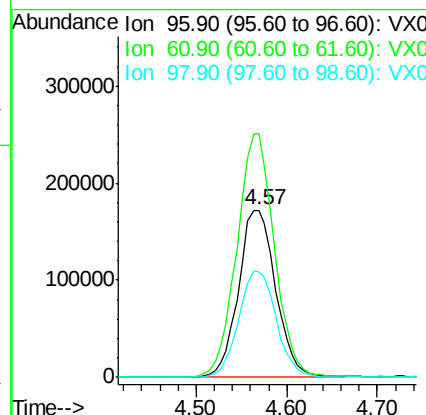
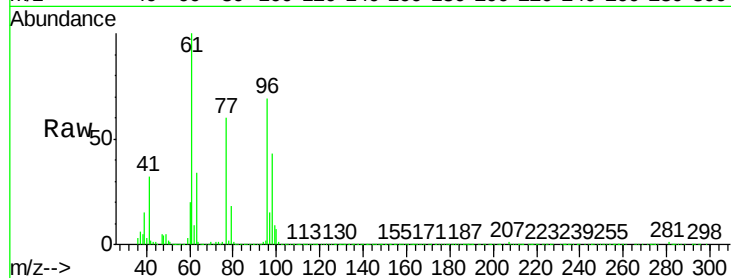
cis-1,2-Dichloroethene
Concen: 52.910 ug/l
RT: 4.57 min Scan# 604
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100			
61	147.6	0.0	299.4	
98	64.6	0.0	129.6	

Manual Integrations
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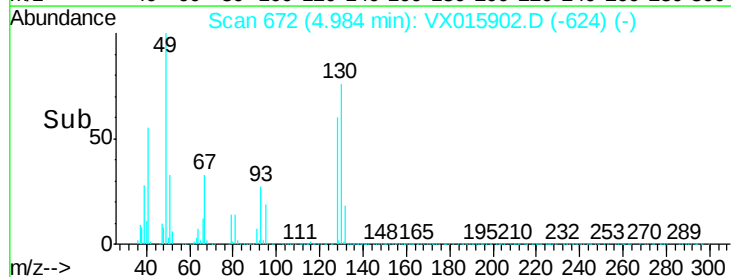
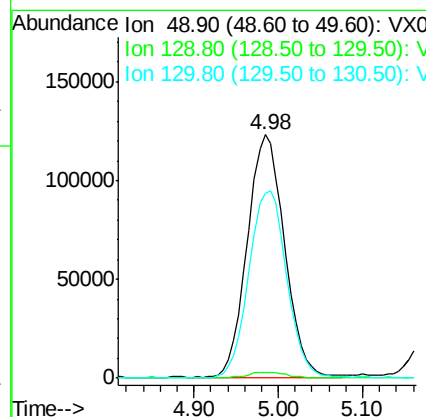
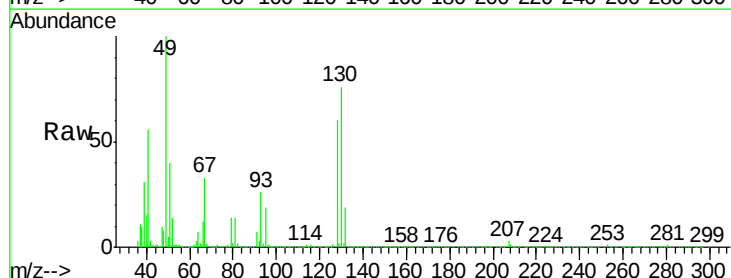
MMDadoda
4/24/2020 11:35:05 AM

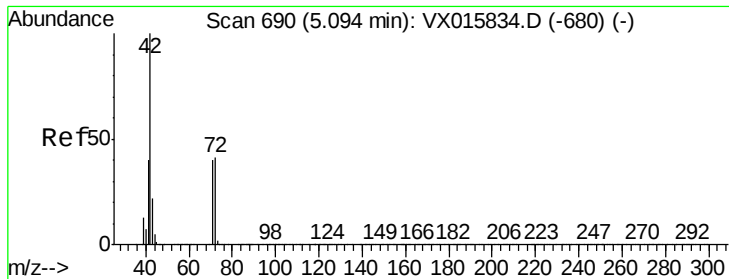


#28

Bromochloromethane
Concen: 48.403 ug/l
RT: 4.98 min Scan# 672
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100			
129	2.4	0.0	1.8#	
130	78.3	62.4	93.6	





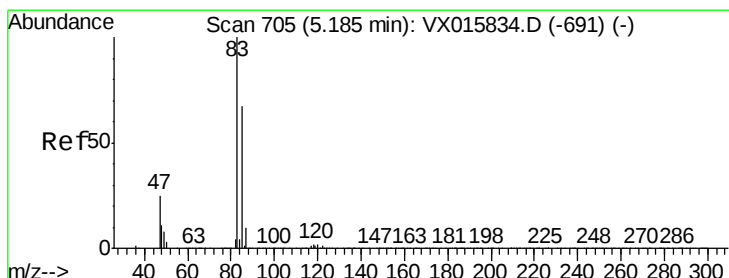
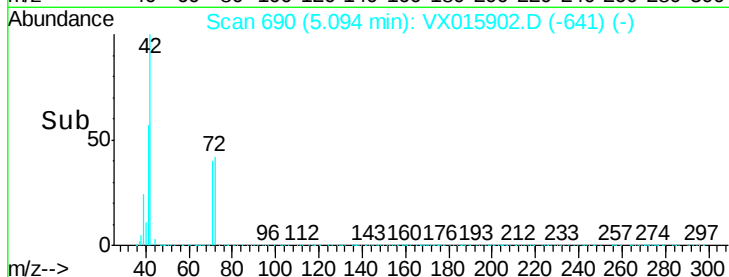
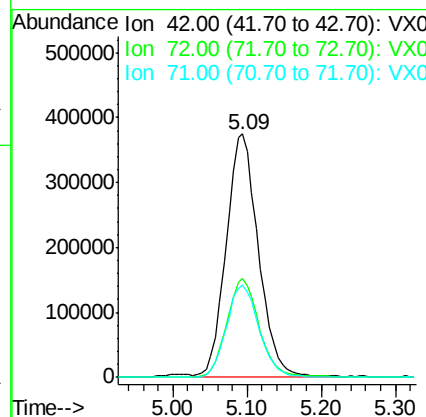
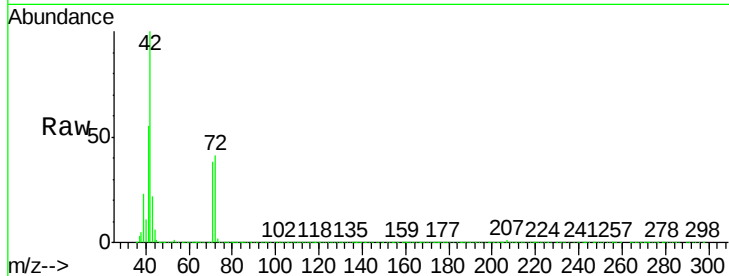
#29
Tetrahydrofuran
Concen: 259.417 ug/l
RT: 5.09 min Scan# 690
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.2	33.0	49.6
71	38.7	30.6	45.8

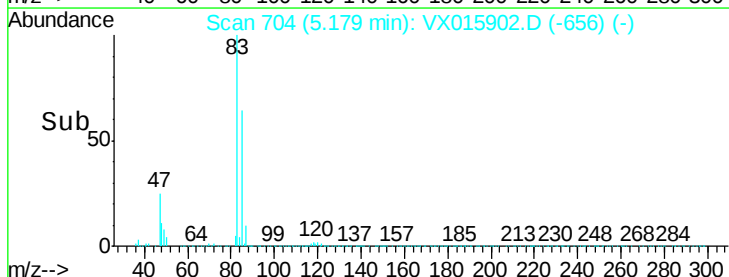
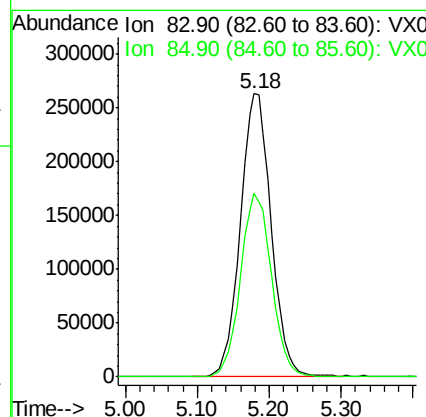
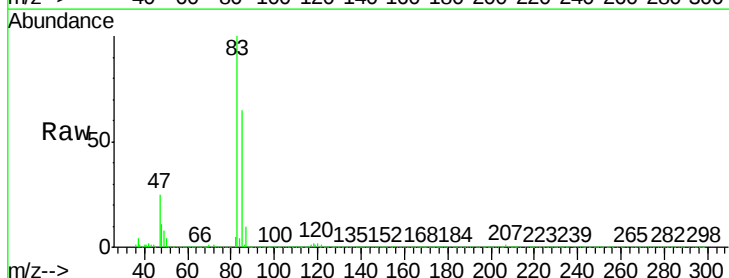
Manual Integrations
APPROVED

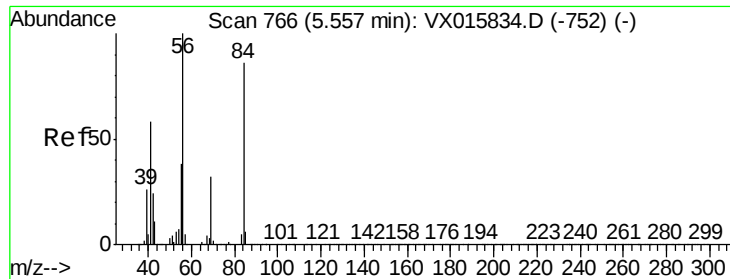
MMDadoda
4/24/2020 11:35:05 AM



#30
Chloroform
Concen: 53.223 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.0	53.4	80.0





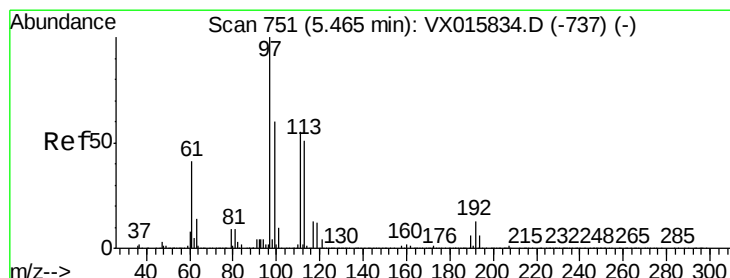
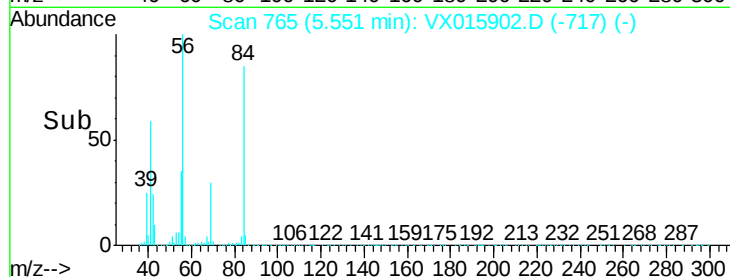
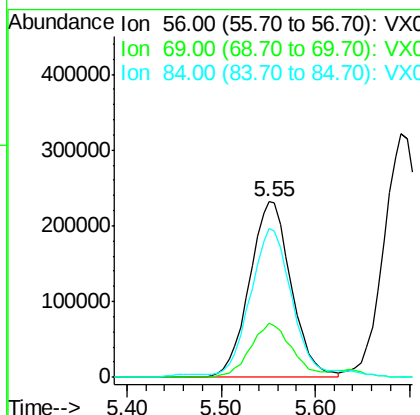
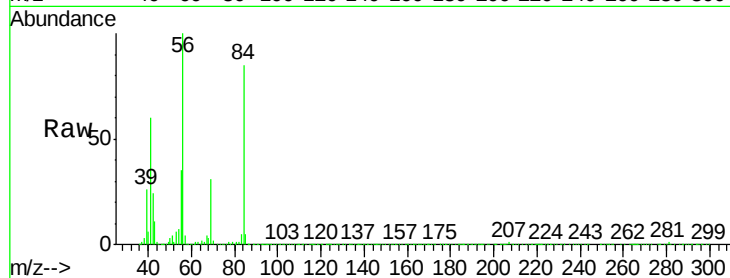
#31
Cyclohexane
Concen: 51.751 ug/l
RT: 5.55 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.4	25.3	37.9
84	83.4	69.1	103.7

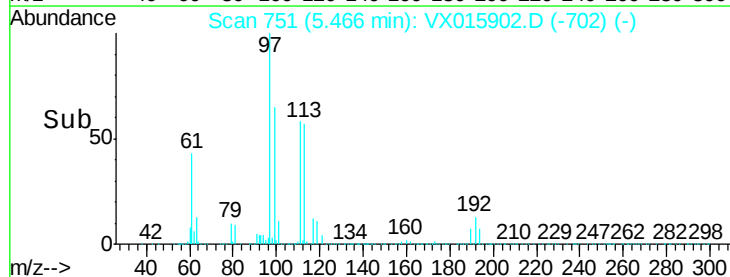
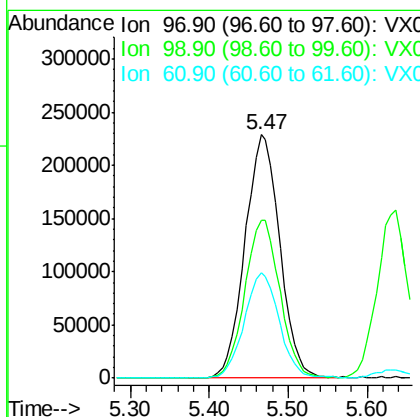
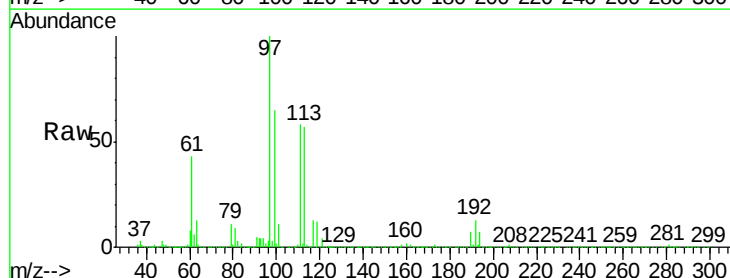
Manual Integrations
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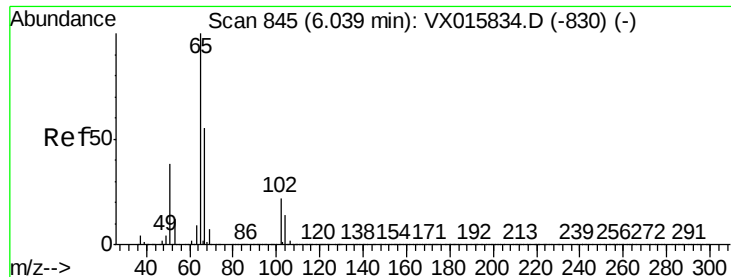
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4/24/2020 11:35:05 AM



#32
1,1,1-Trichloroethane
Concen: 53.688 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.1	51.2	76.8
61	43.0	34.1	51.1





#33

1,2-Dichloroethane-d4

Concen: 51.079 ug/l

RT: 6.03 min Scan# 844

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 483931

Ion Ratio Lower Upper

65 100

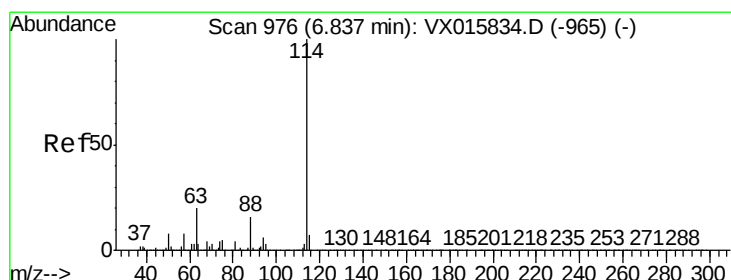
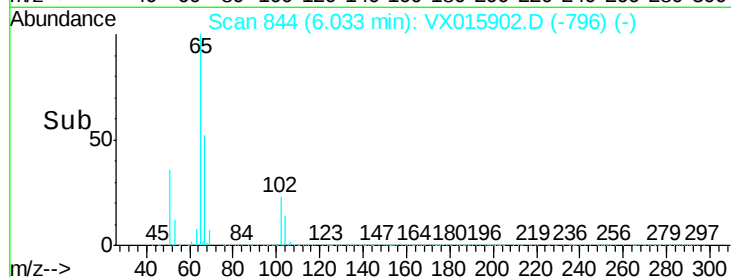
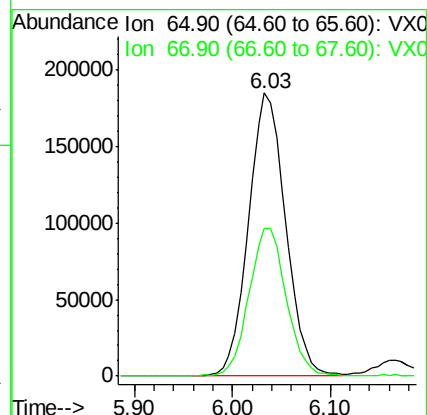
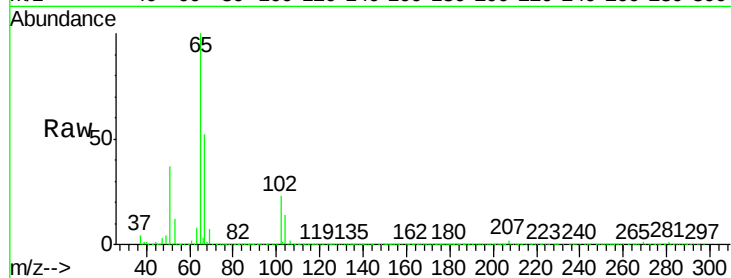
67 52.6 0.0 104.2

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

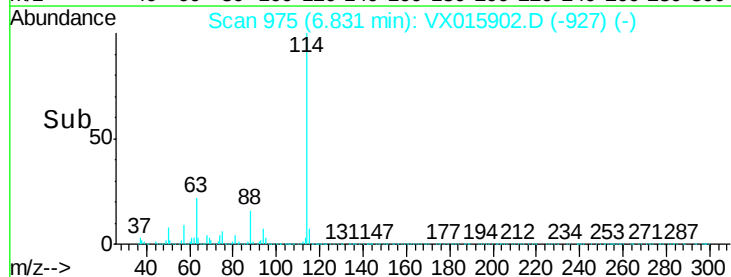
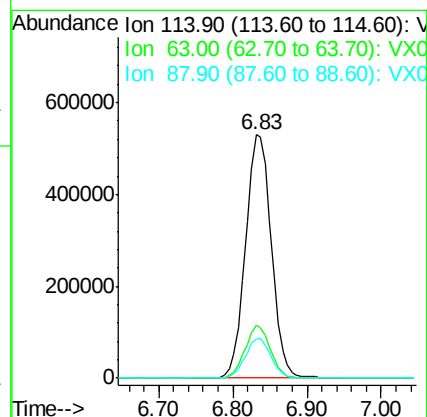
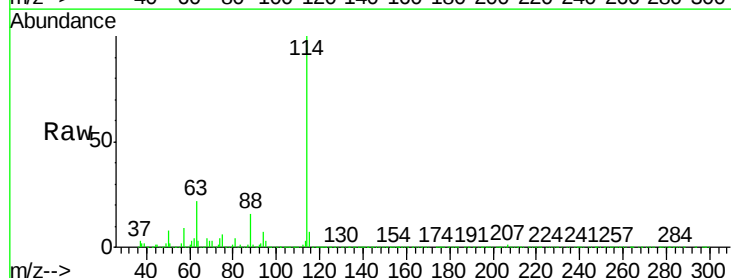
Tgt Ion: 114 Resp: 1290986

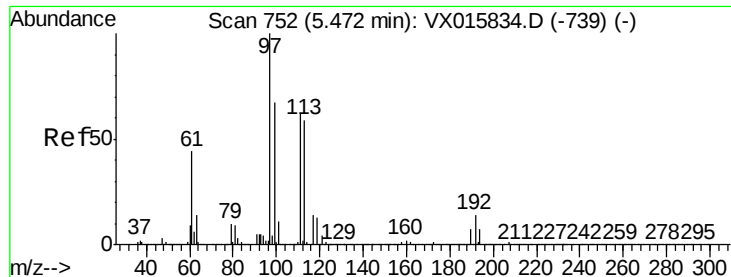
Ion Ratio Lower Upper

114 100

63 21.6 0.0 40.6

88 16.0 0.0 32.8





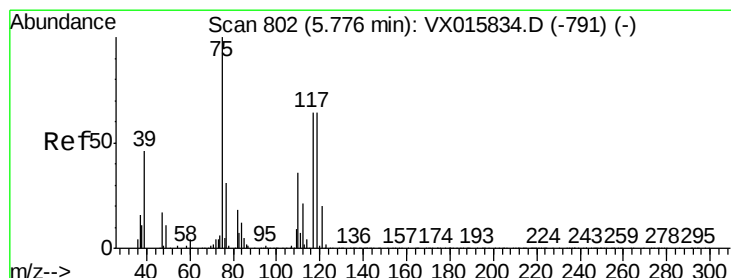
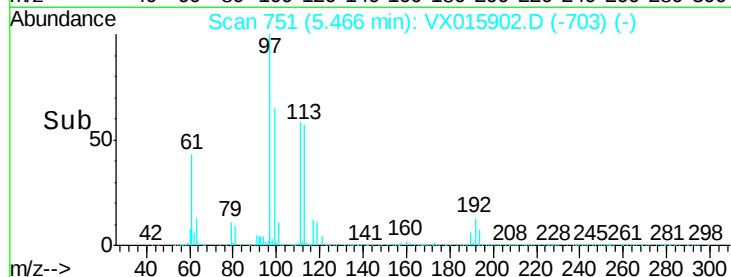
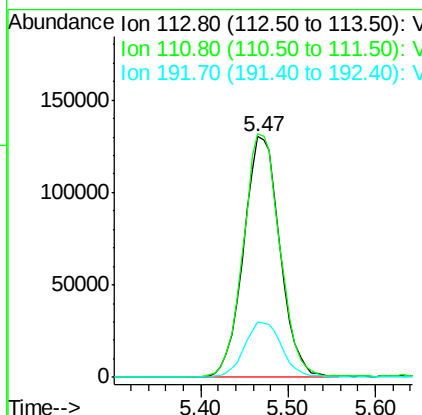
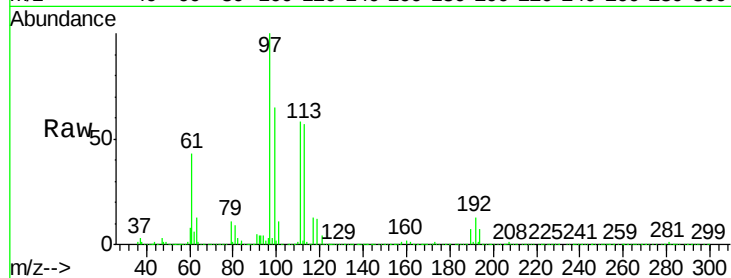
#35
 Dibromofluoromethane
 Concen: 50.304 ug/l
 RT: 5.47 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	374860		
111	102.1	82.7	124.1	
192	23.5	19.3	28.9	

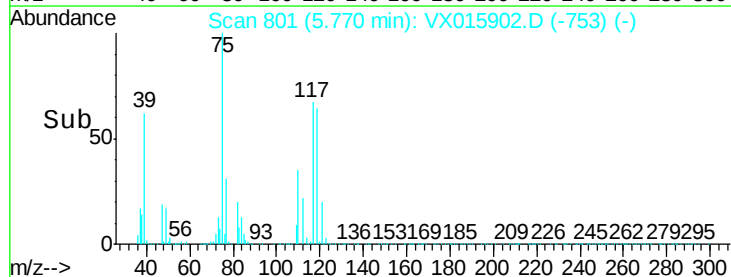
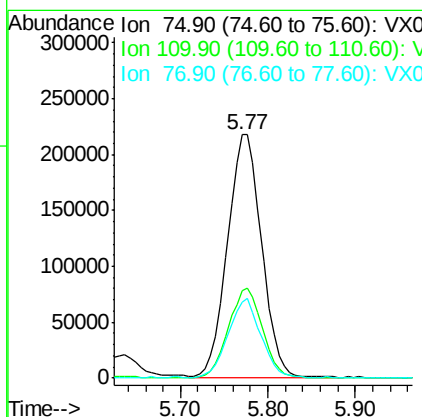
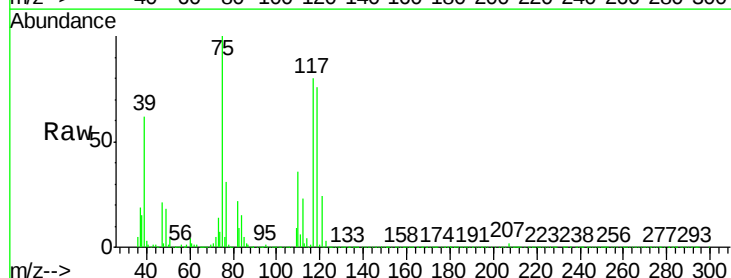
Manual Integrations
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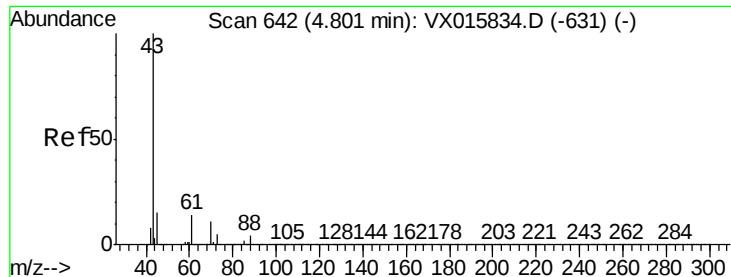
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#36
 1,1-Dichloropropene
 Concen: 51.485 ug/l
 RT: 5.77 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	589242		
110	36.6	17.9	53.8	
77	31.0	24.5	36.7	





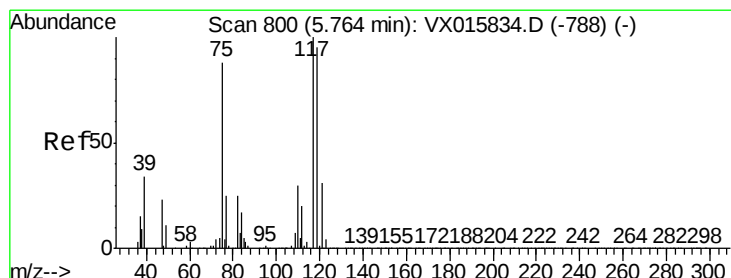
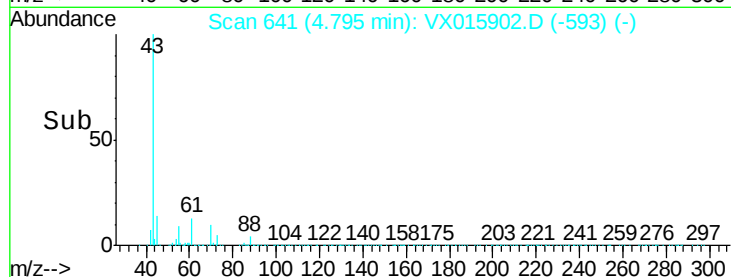
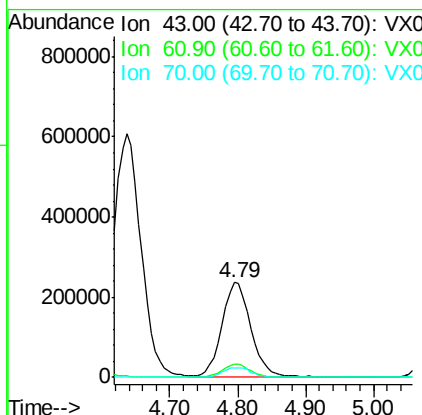
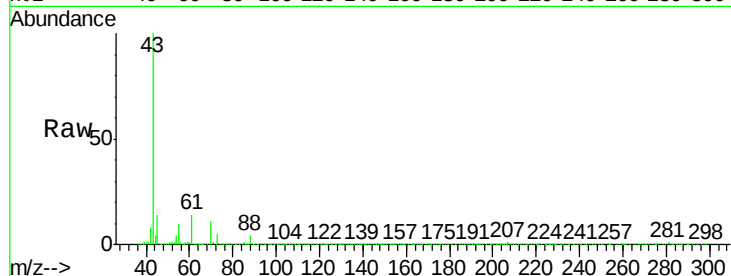
#37
Ethyl Acetate
Concen: 50.950 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	43	Resp	693985
Ion Ratio	Lower	Upper	
43	100		
61	13.0	10.8	16.2
70	10.2	8.2	12.2

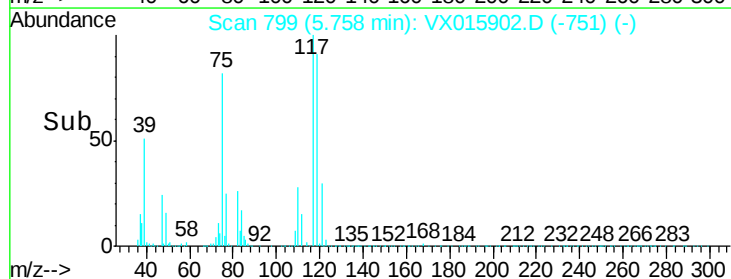
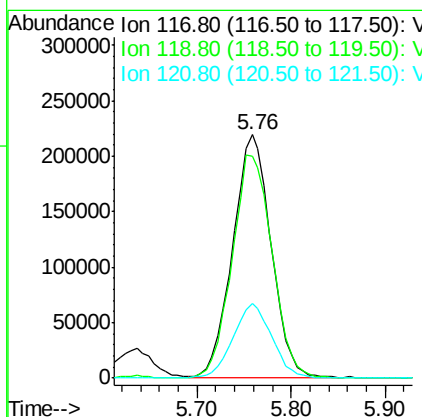
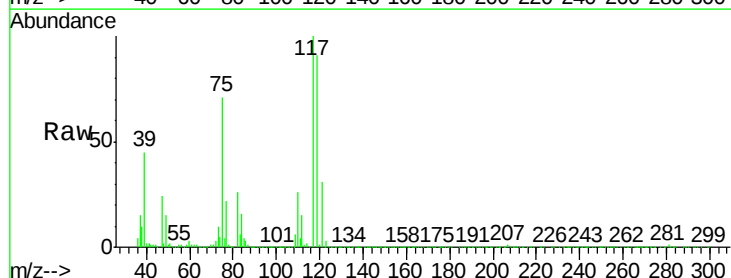
Manual Integrations
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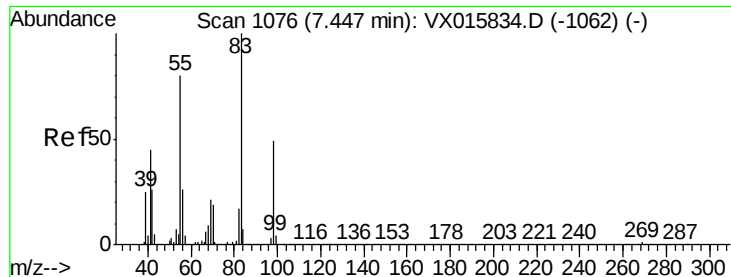
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#38
Carbon Tetrachloride
Concen: 54.830 ug/l
RT: 5.76 min Scan# 799
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	117	Resp	618110
Ion Ratio	Lower	Upper	
117	100		
119	90.9	75.7	113.5
121	30.4	25.0	37.6





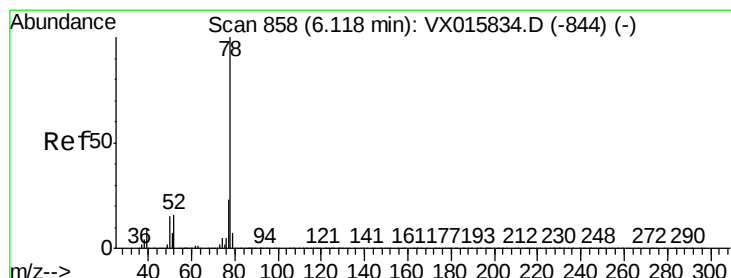
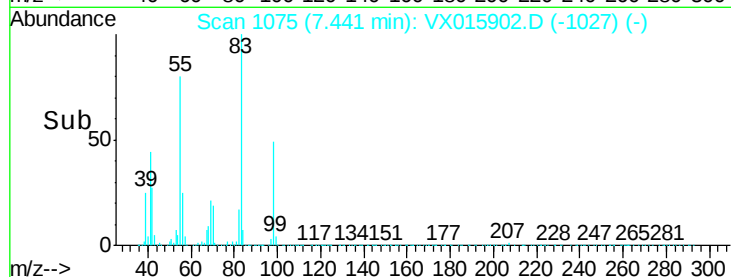
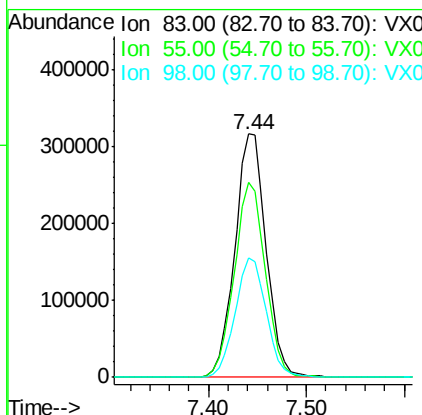
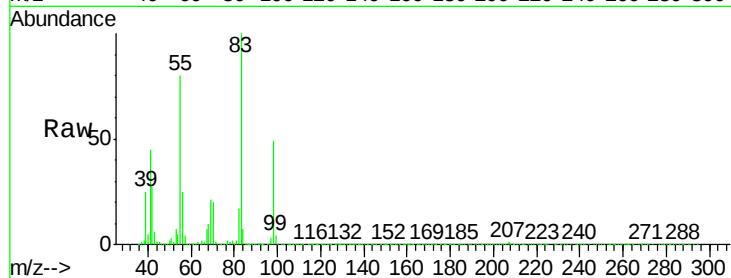
#39
Methvlcvclohexane
Concen: 48.034 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	80.0	64.2	96.4
98	48.7	39.3	58.9

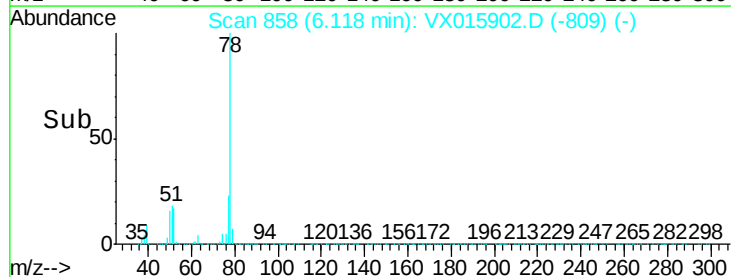
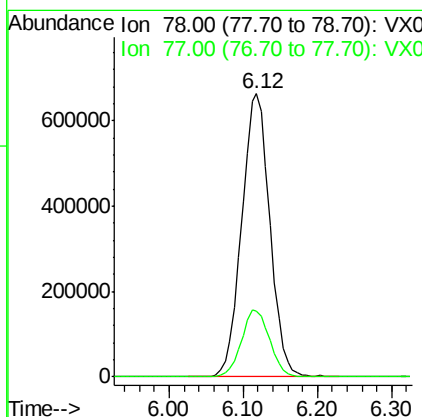
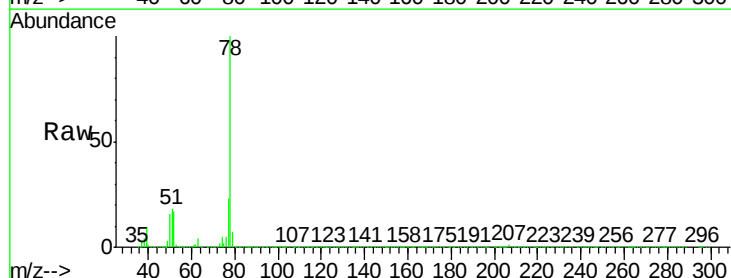
Manual Integrations
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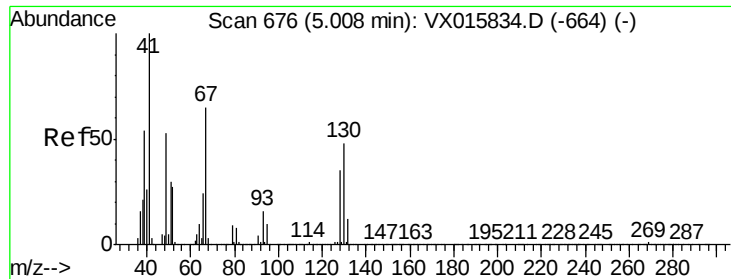
MMDadoda
4/24/2020 11:35:05 AM



#40
Benzene
Concen: 50.922 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	18.6	27.8





#41

Methacrylonitrile

Concen: 51.201 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

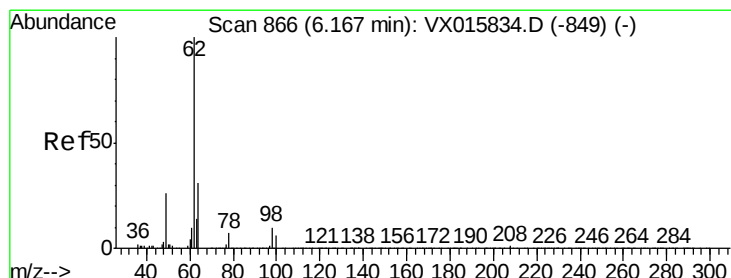
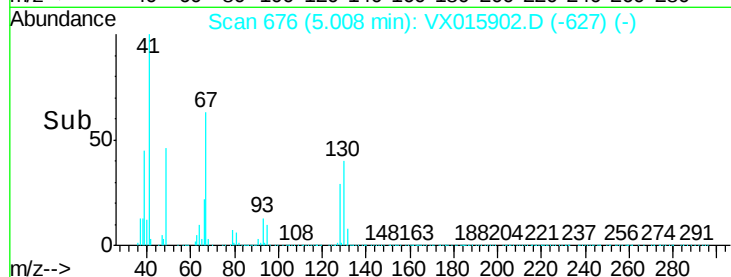
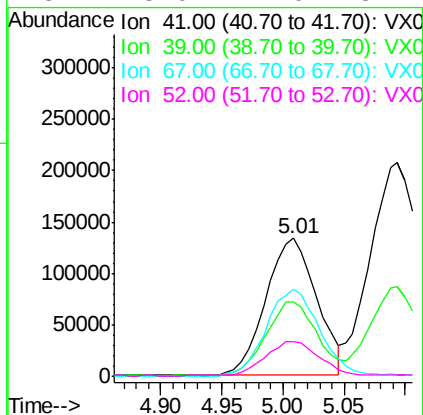
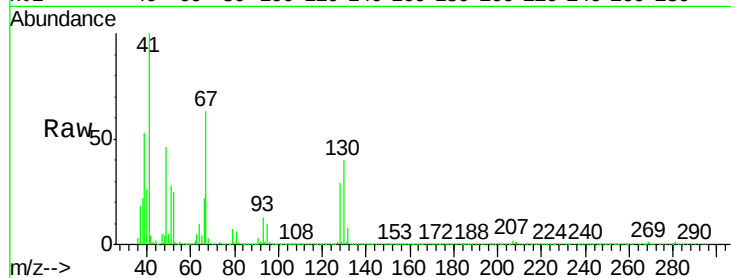
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
387526	41	100		
	39	55.2	42.4	63.6
	67	66.9	51.9	77.9
	52	28.0	21.0	31.4

Manual Integrations
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4/24/2020 11:35:05 AM



#42

1,2-Dichloroethane

Concen: 52.084 ug/l

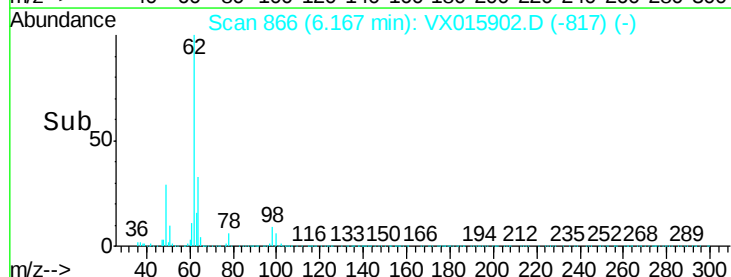
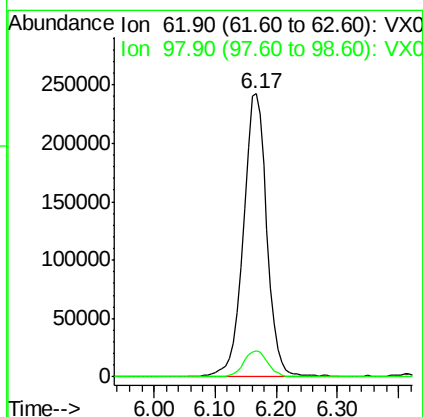
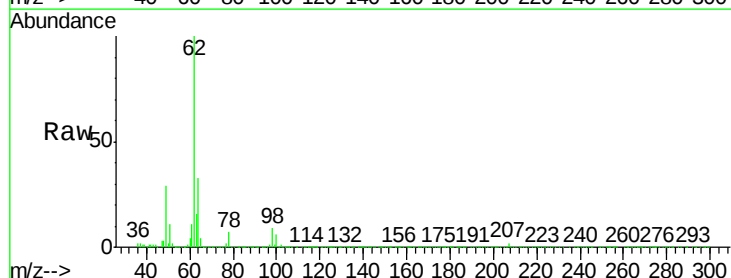
RT: 6.17 min Scan# 866

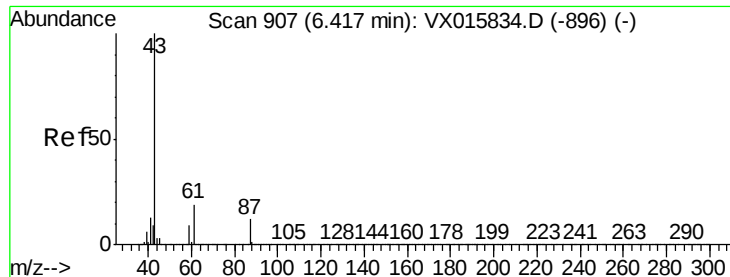
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion	Ion	Ratio	Lower	Upper
646502	62	100		
	98	9.7	0.0	20.0





#43

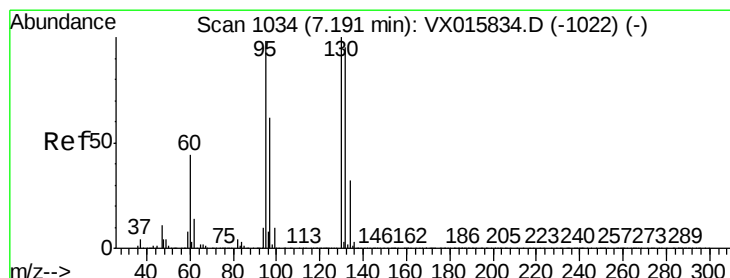
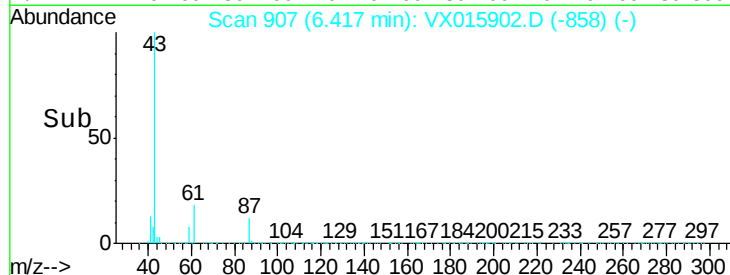
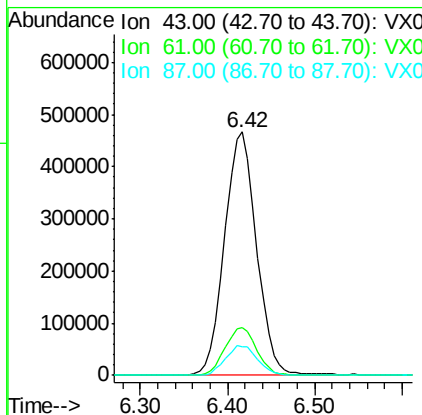
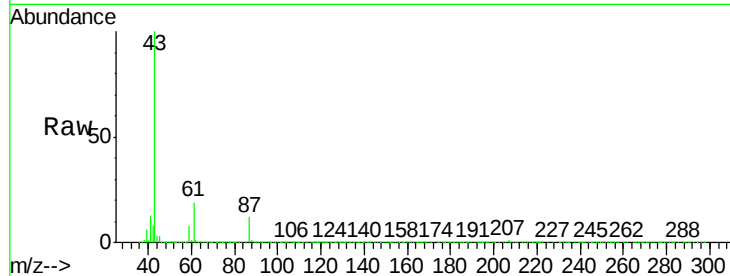
Isopropyl Acetate
 Concen: 51.166 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.8	15.4	23.2
87	12.4	9.8	14.6

Manual Integrations
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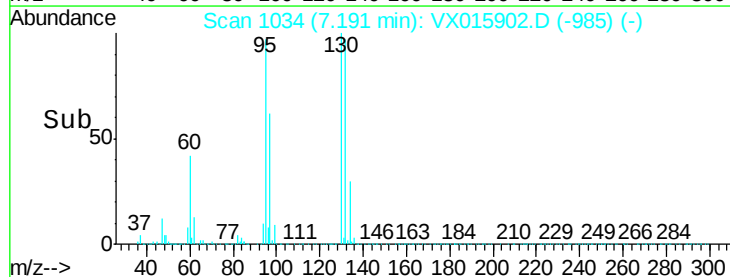
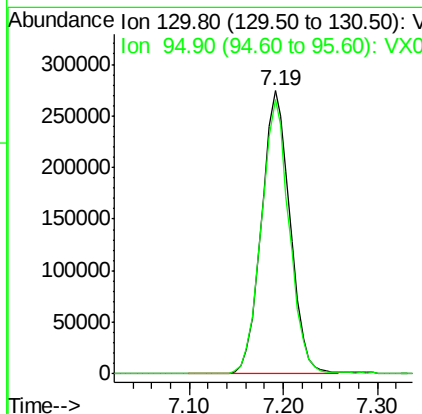
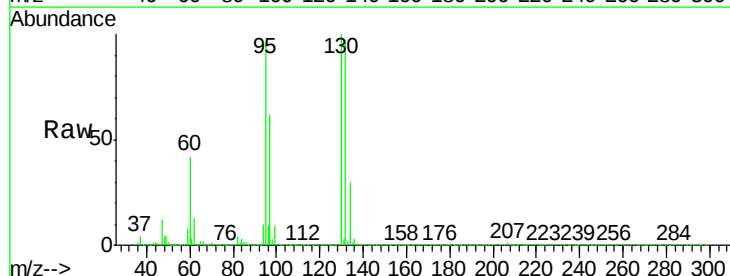
MMDadoda
 4/24/2020 11:35:05 AM

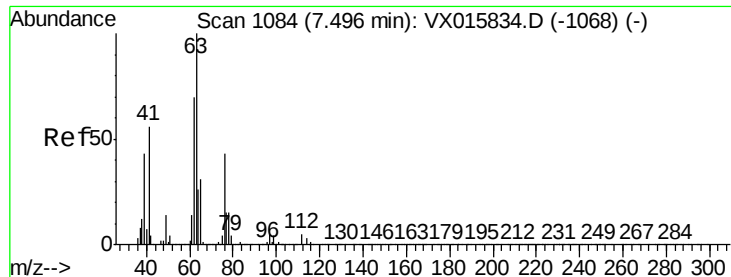


#44

Trichloroethene
 Concen: 48.106 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	195.8





#45

1,2-Dichloropropane

Concen: 52.237 ug/l

RT: 7.49 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 471878

Ion Ratio Lower Upper

63 100

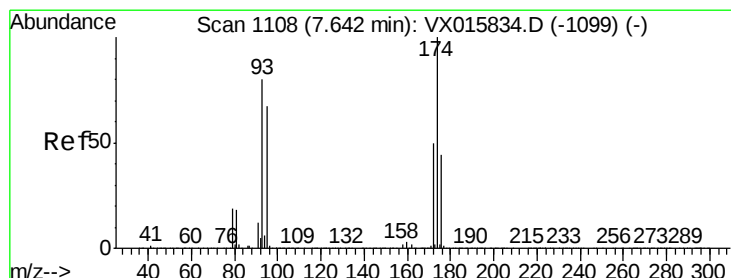
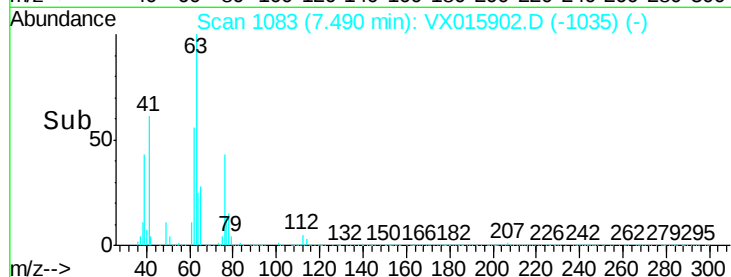
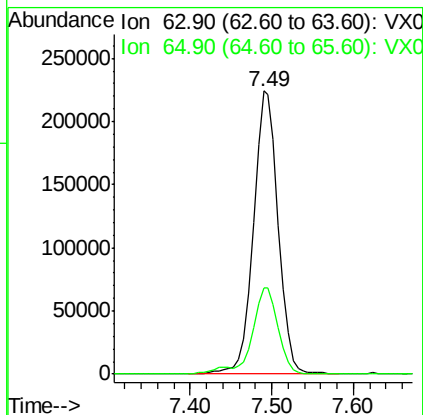
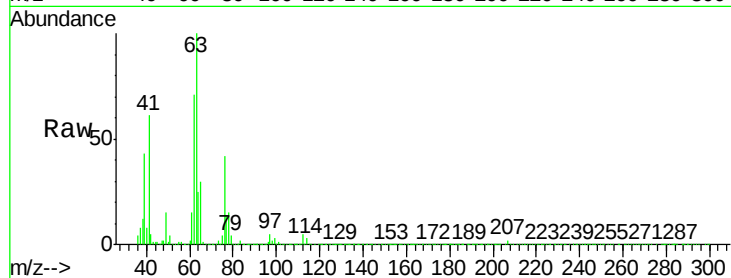
65 30.1 24.5 36.7

Manual Integrations

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4/24/2020 11:35:05 AM



#46

Dibromomethane

Concen: 47.034 ug/l

RT: 7.64 min Scan# 1108

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

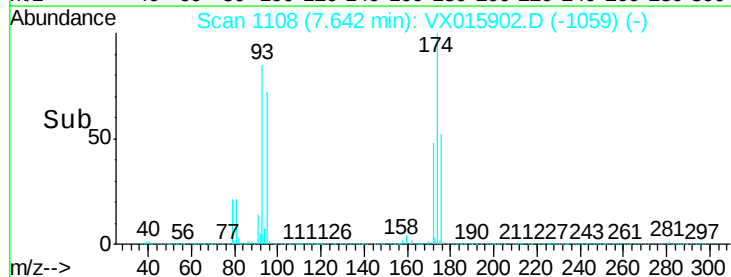
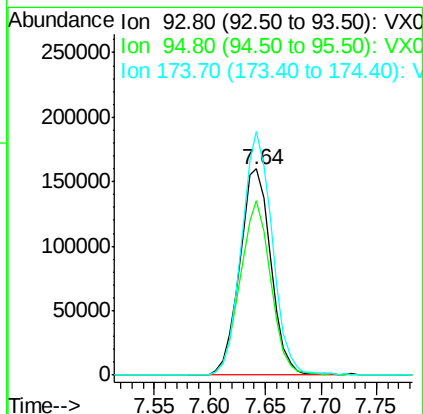
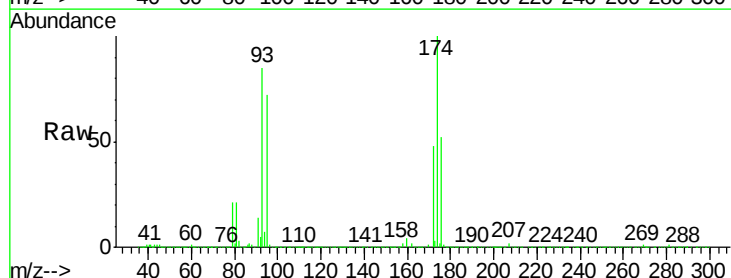
Tgt Ion: 93 Resp: 310155

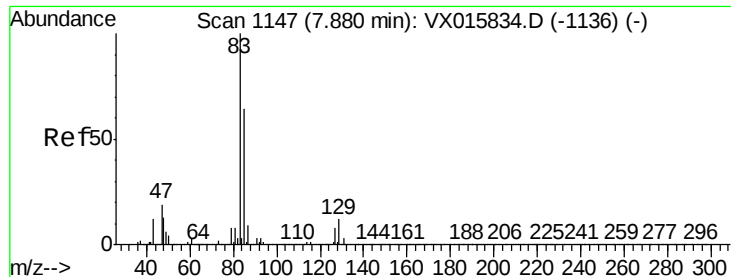
Ion Ratio Lower Upper

93 100

95 82.7 65.8 98.8

174 116.5 95.6 143.4





#47

Bromodichloromethane

Concen: 54.851 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

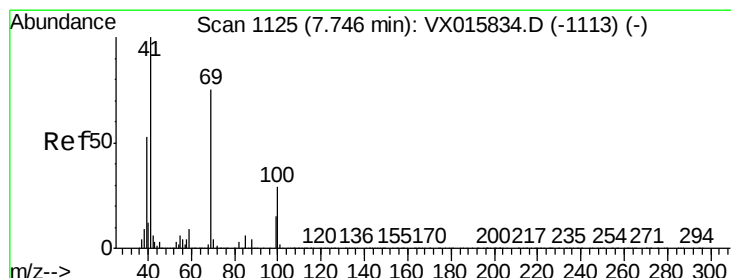
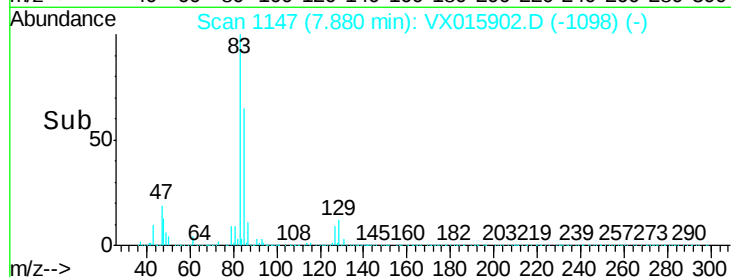
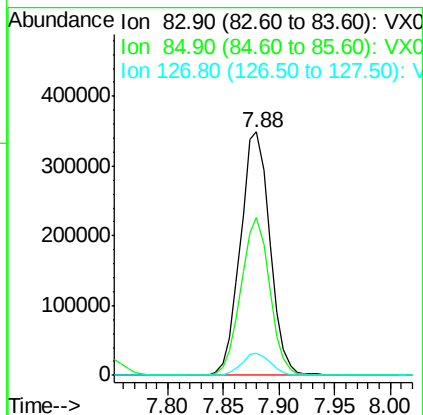
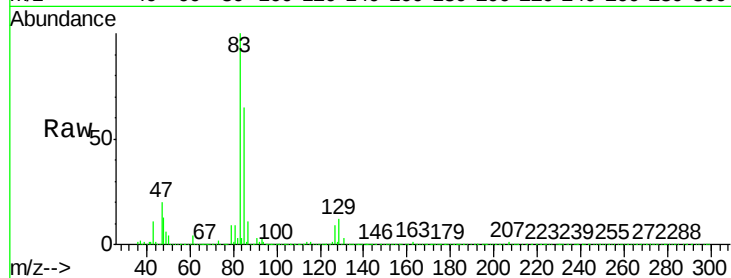
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	643474
Ion Ratio	Lower	Upper	
83	100		
85	64.8	50.8	76.2
127	8.9	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 51.795 ug/l

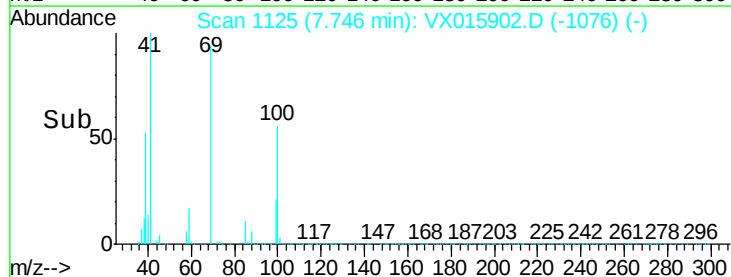
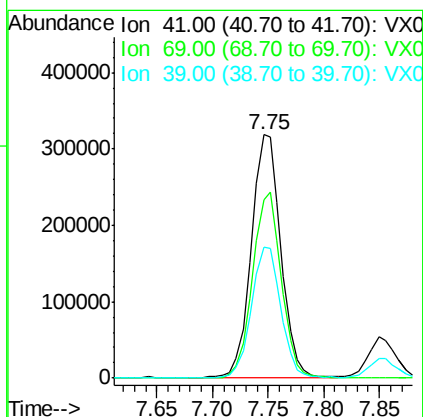
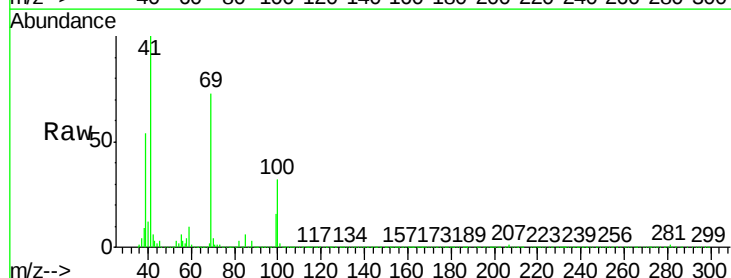
RT: 7.75 min Scan# 1125

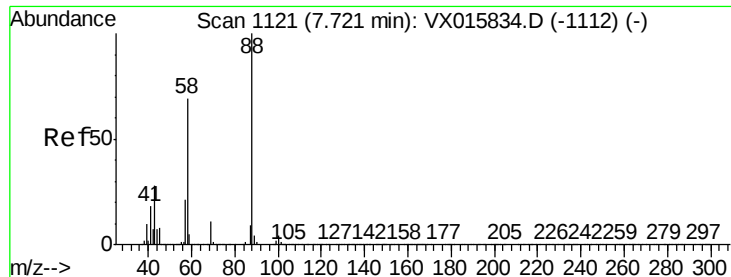
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	41	Resp:	585383
Ion Ratio	Lower	Upper	
41	100		
69	74.9	60.5	90.7
39	53.3	42.1	63.1





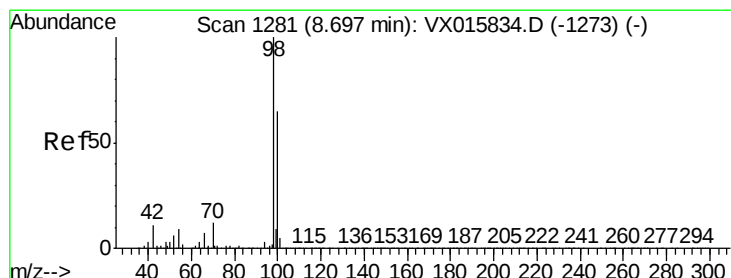
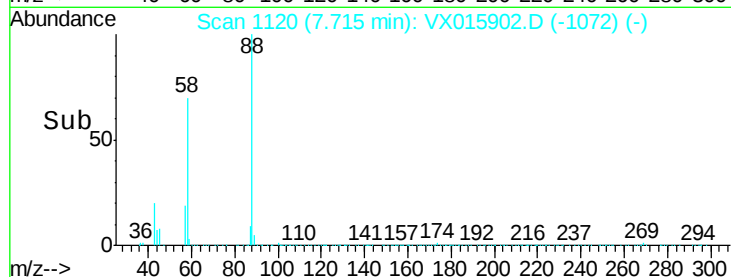
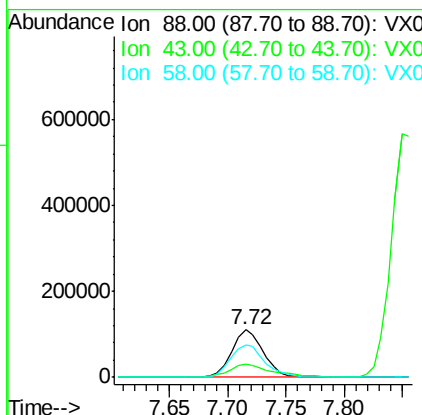
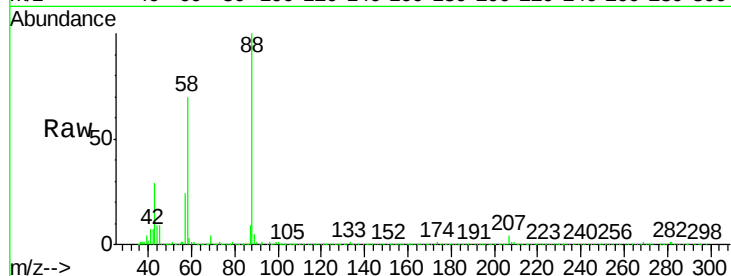
#49
1,4-Dioxane
Concen: 972.249 ug/l
RT: 7.72 min Scan# 1120
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	37.3	28.2	42.4
58	74.8	58.9	88.3

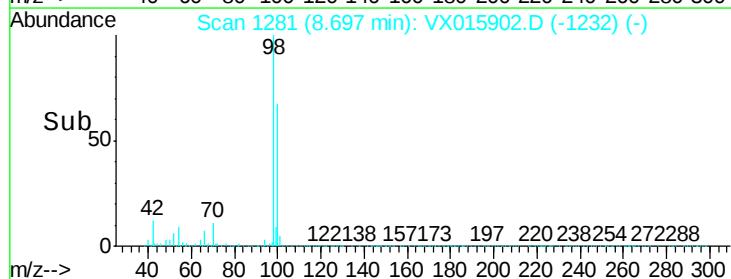
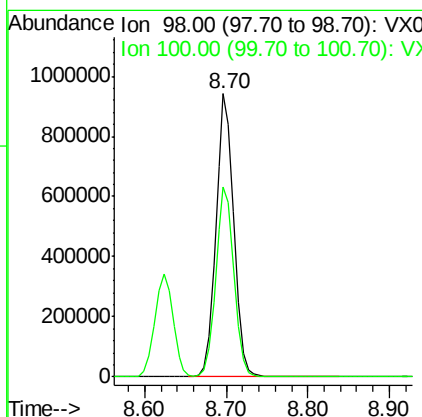
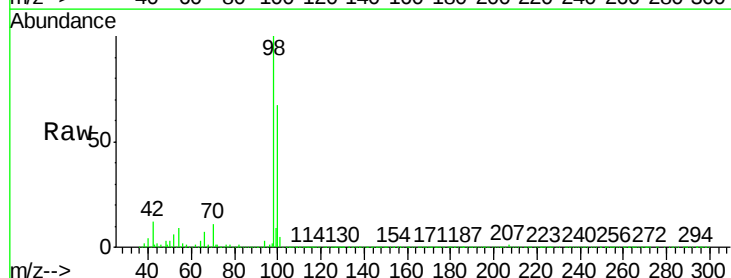
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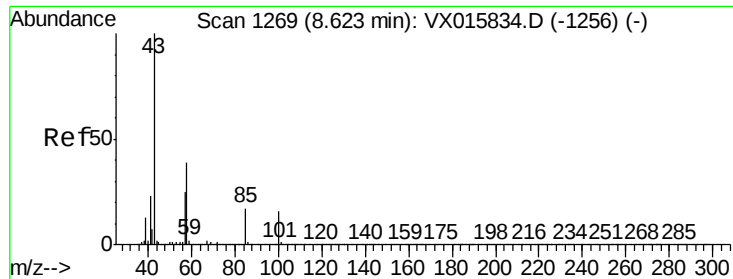
MMDadoda
4/24/2020 11:35:05 AM



#50
Toluene-d8
Concen: 48.323 ug/l
RT: 8.70 min Scan# 1281
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.9	53.8	80.6





#51

4-Methyl-2-Pentanone

Concen: 256.676 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3404054

Ion Ratio Lower Upper

43 100

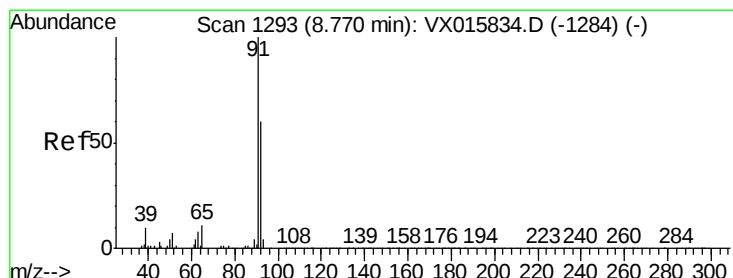
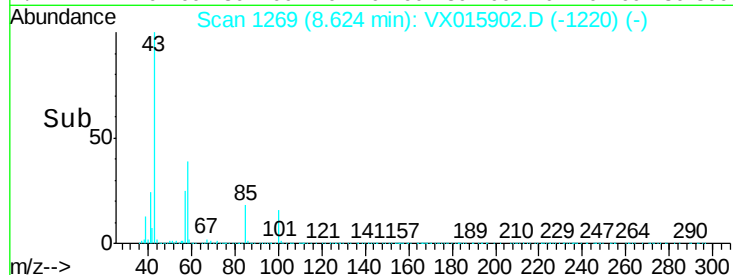
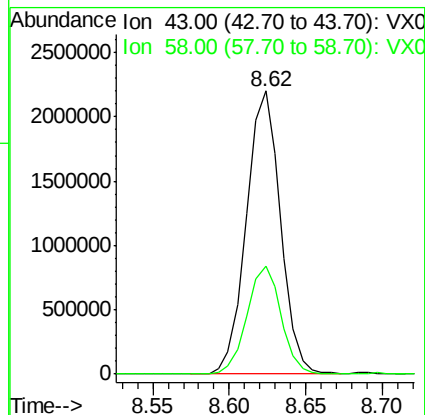
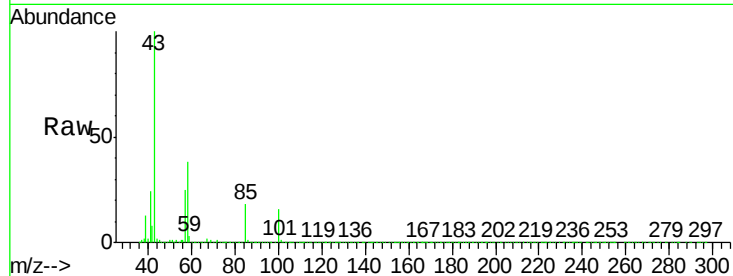
58 38.1 30.6 45.8

Manual Integrations

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#52

Toluene

Concen: 51.476 ug/l

RT: 8.76 min Scan# 1292

Delta R.T. -0.01 min

Lab File: VX015902.D

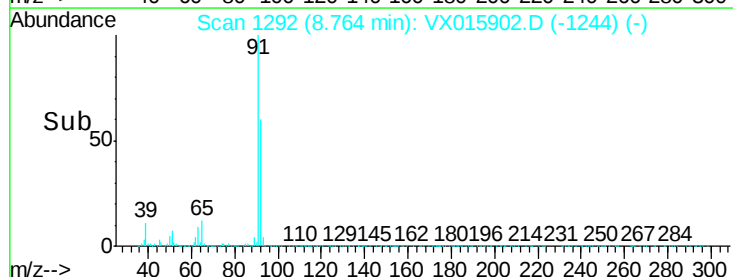
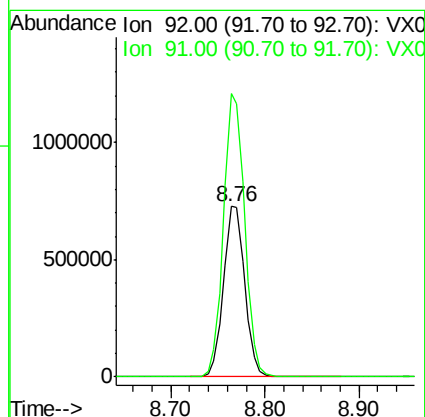
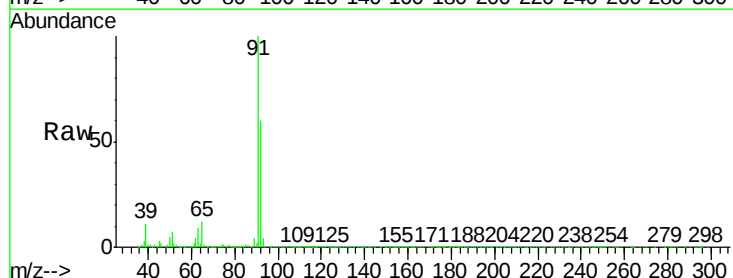
Acq: 23 Apr 2020 19:40

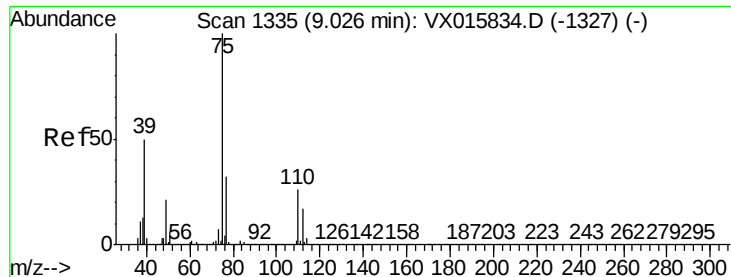
Tgt Ion: 92 Resp: 1137345

Ion Ratio Lower Upper

92 100

91 165.6 133.4 200.0





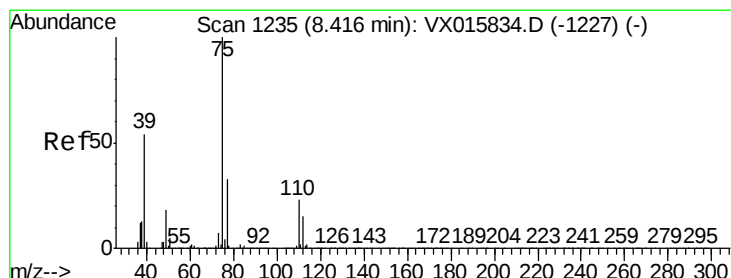
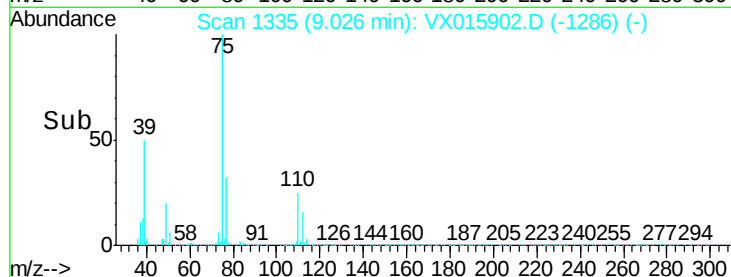
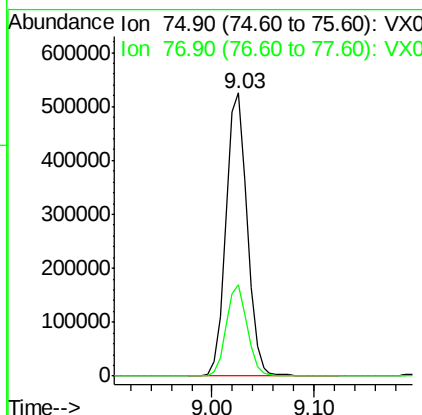
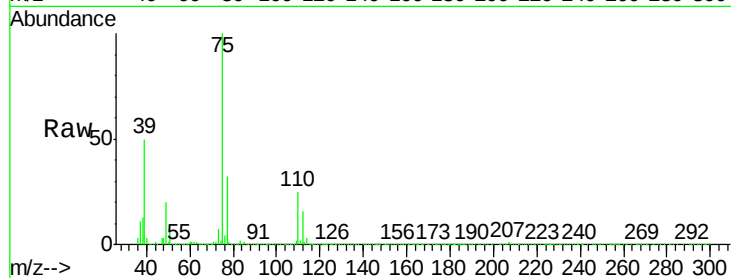
#53
t-1,3-Dichloropropene
Concen: 51.479 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.9	38.9

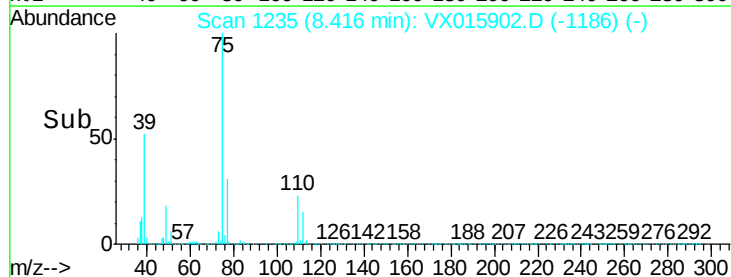
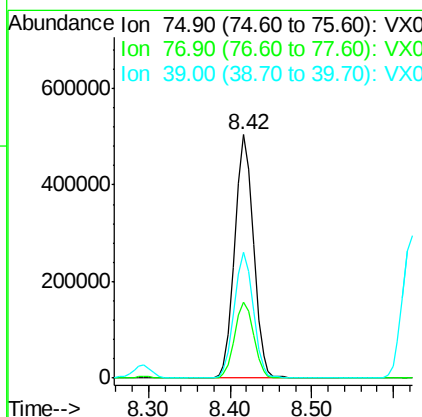
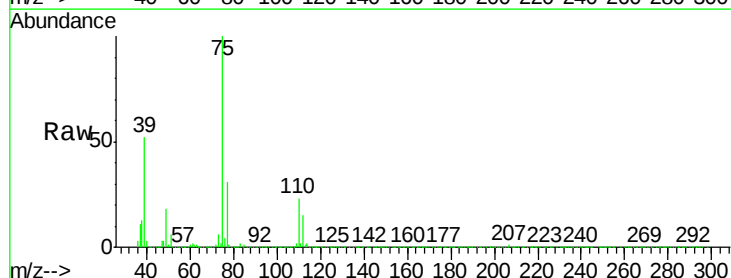
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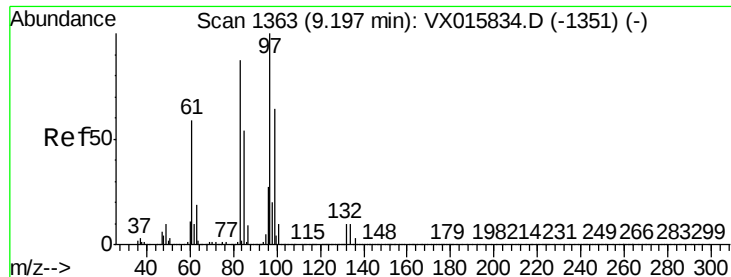
MMDadoda
4/24/2020 11:35:05 AM



#54
cis-1,3-Dichloropropene
Concen: 51.390 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.3	26.0	39.0
39	51.7	42.8	64.2





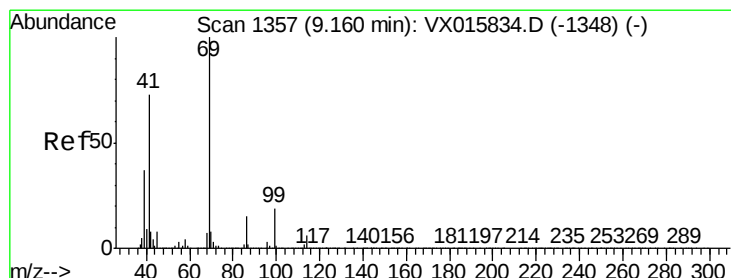
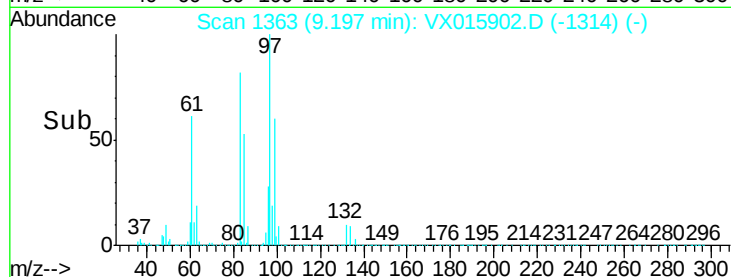
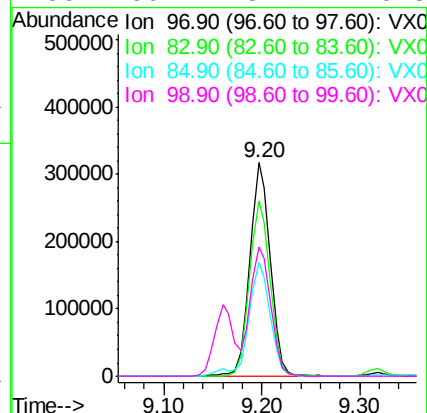
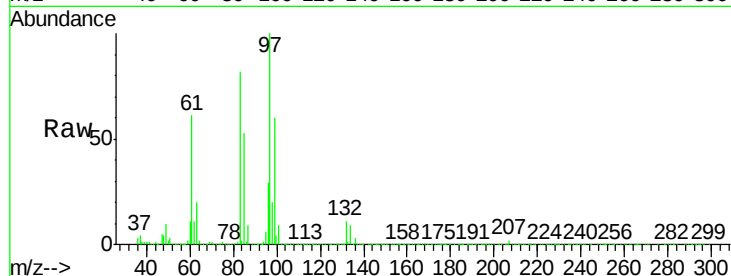
#55
 1,1,2-Trichloroethane
 Concen: 53.219 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		459149		
83	82.1	69.8	104.8		
85	53.2	43.4	65.2		
99	60.4	51.2	76.8		

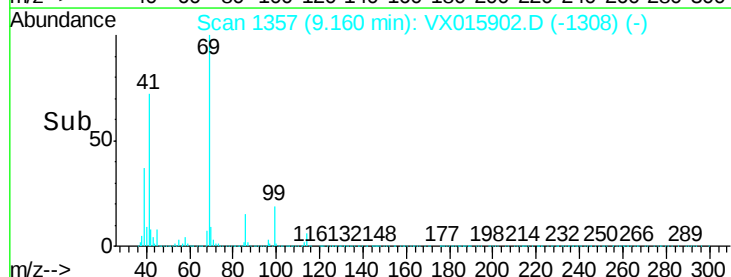
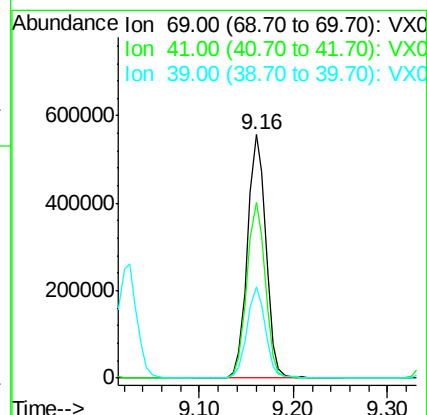
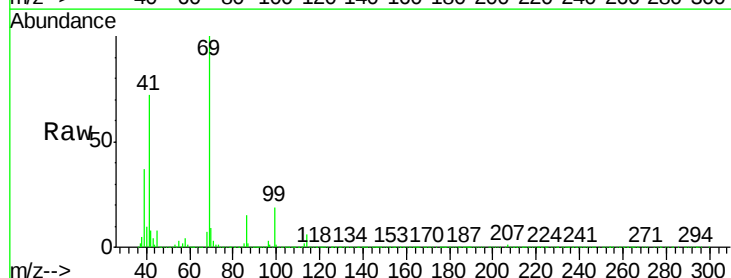
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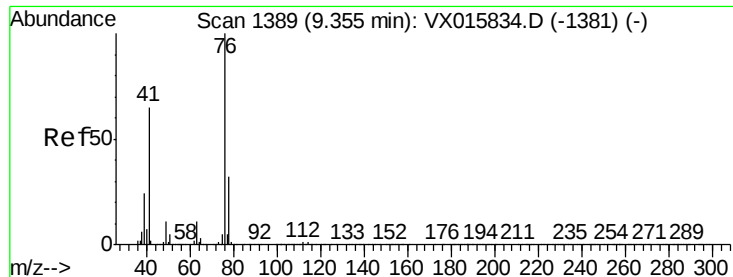
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 4/24/2020 11:35:05 AM



#56
 Ethyl methacrylate
 Concen: 52.096 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		761307		
41	72.0	57.4	86.2		
39	37.3	29.7	44.5		





#57

1,3-Dichloropropane

Concen: 52.726 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 790477

Ion Ratio Lower Upper

76 100

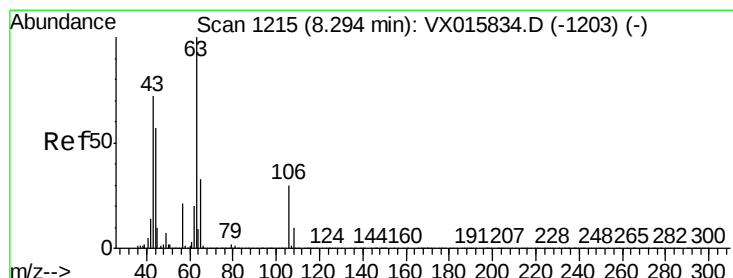
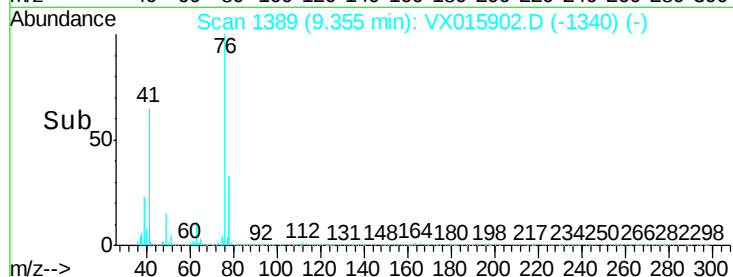
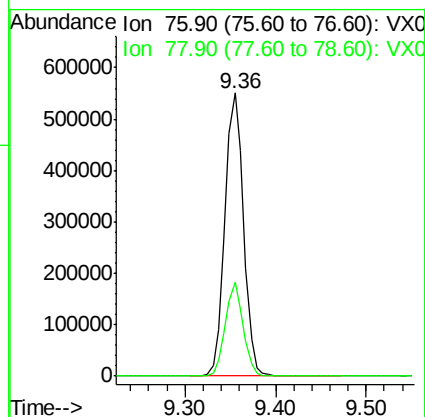
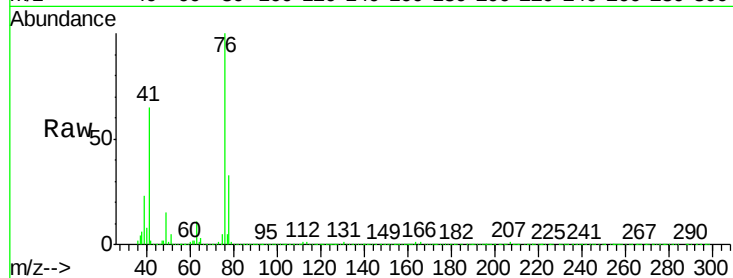
78 31.7 25.4 38.2

Manual Integrations

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4/24/2020 11:35:05 AM



#58

2-Chloroethyl Vinyl ether

Concen: 259.101 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015902.D

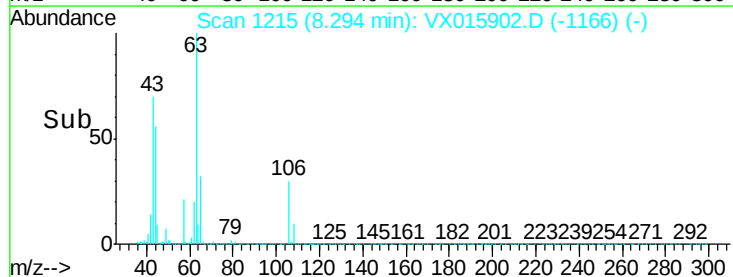
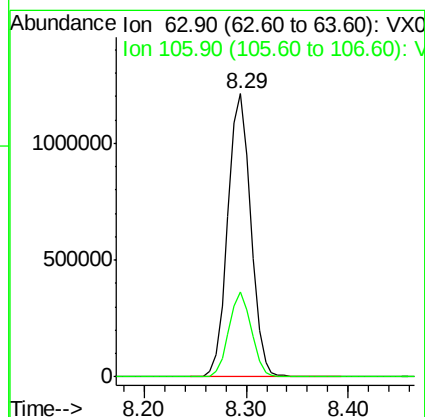
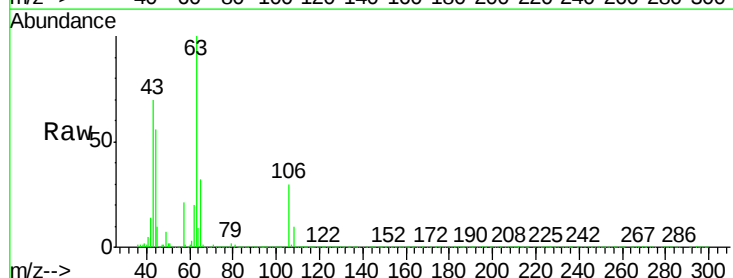
Acq: 23 Apr 2020 19:40

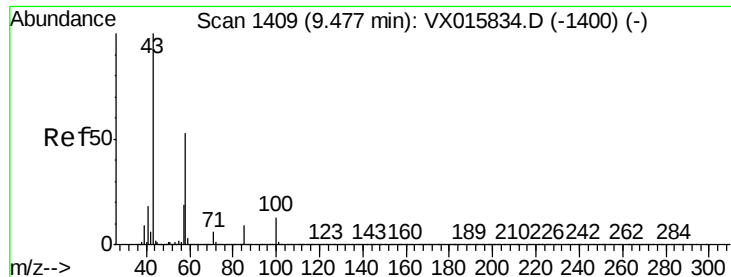
Tgt Ion: 63 Resp: 1891526

Ion Ratio Lower Upper

63 100

106 29.4 23.8 35.8





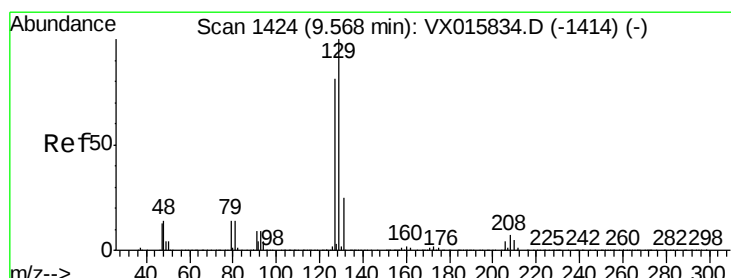
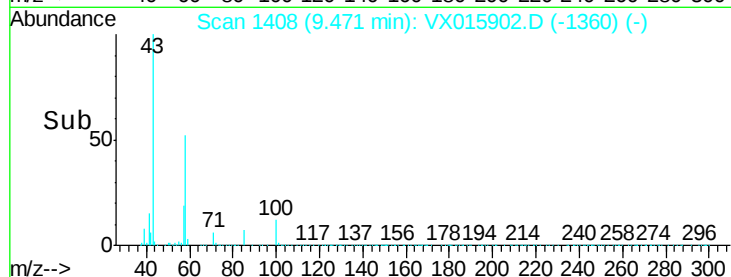
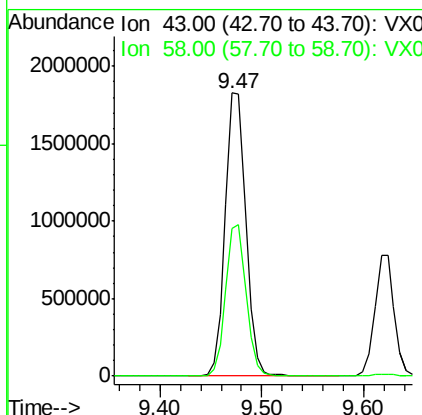
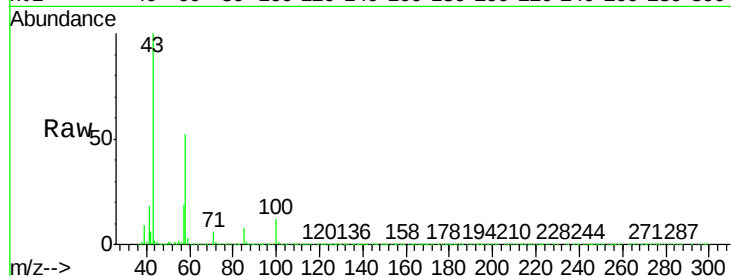
#59
2-Hexanone
Concen: 254.683 ug/l
RT: 9.47 min Scan# 1408
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 2573097
Ion Ratio Lower Upper
43 100
58 52.9 26.5 79.4

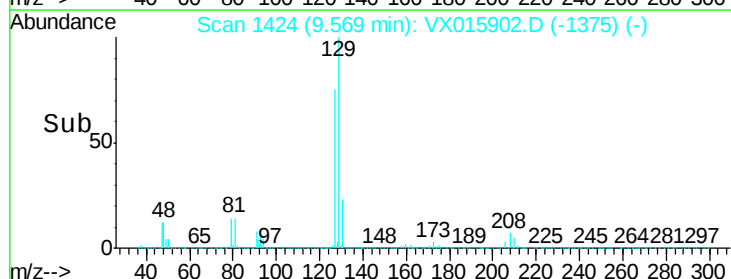
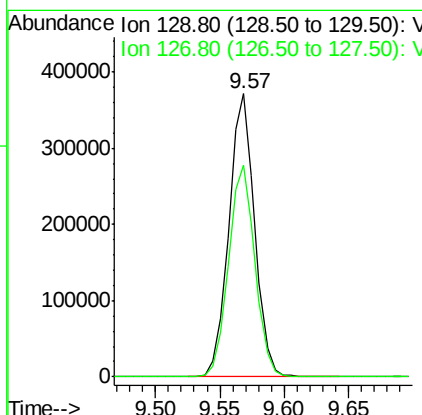
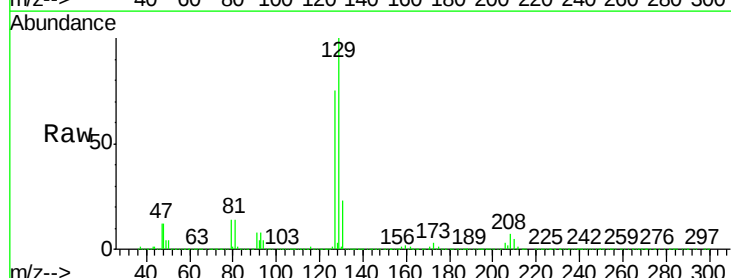
Manual Integrations
APPROVED

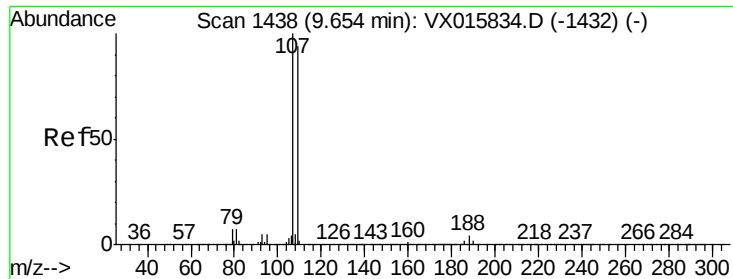
MMDadoda
4/24/2020 11:35:05 AM



#60
Dibromochloromethane
Concen: 58.262 ug/l
RT: 9.57 min Scan# 1424
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion: 129 Resp: 519088
Ion Ratio Lower Upper
129 100
127 76.7 40.0 120.0





#61

1,2-Dibromoethane

Concen: 50.686 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 483303

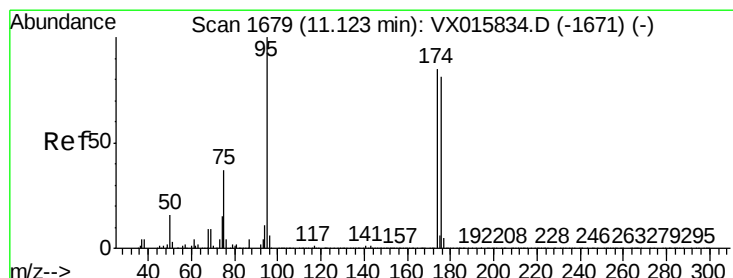
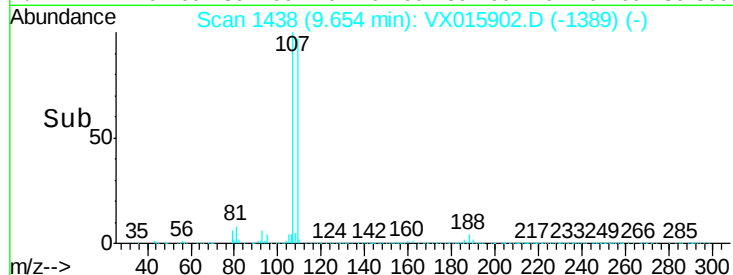
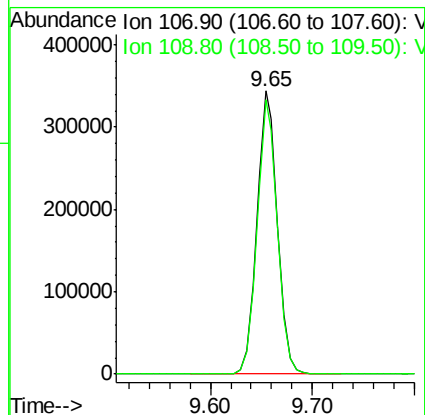
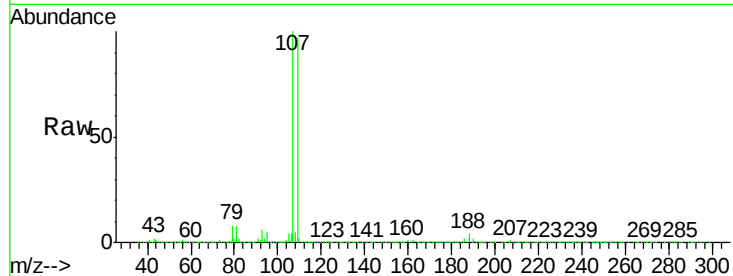
Ion Ratio Lower Upper

107 100

109 96.5 75.4 113.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:05 AM



#62

4-Bromofluorobenzene

Concen: 47.532 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

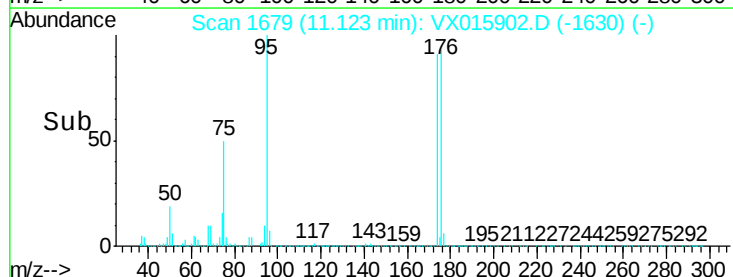
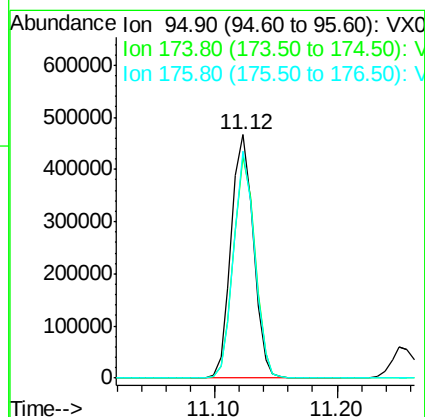
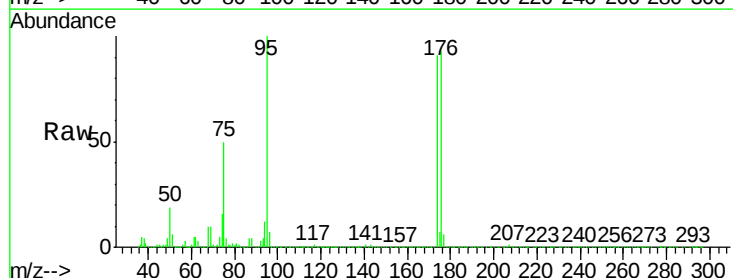
Tgt Ion: 95 Resp: 584939

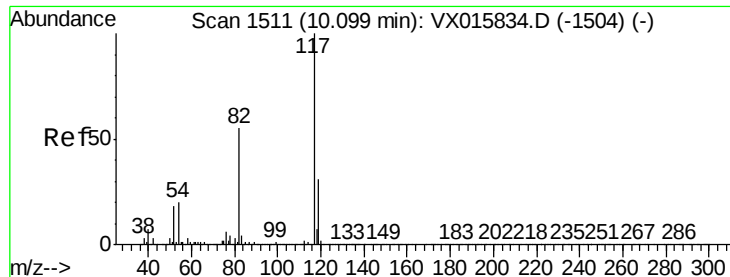
Ion Ratio Lower Upper

95 100

174 88.5 0.0 172.4

176 88.1 0.0 167.0





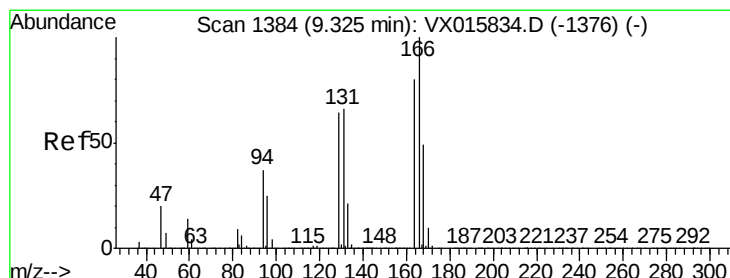
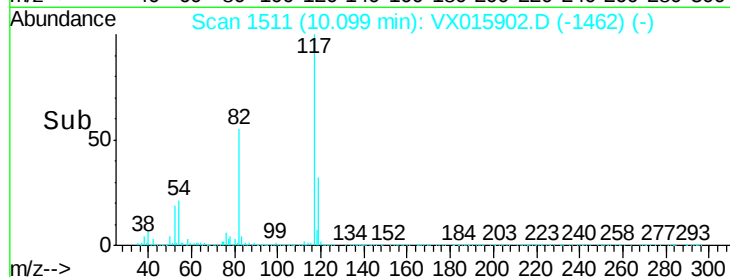
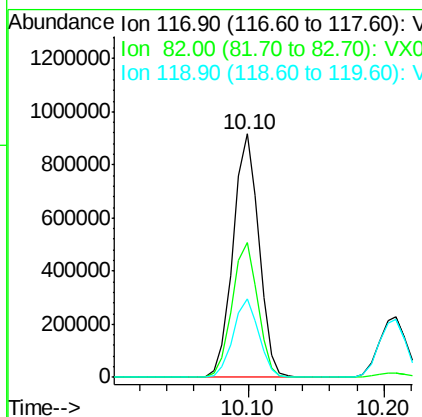
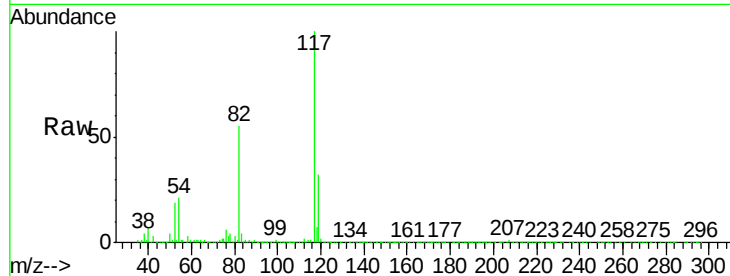
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.4	43.9	65.9
119	32.2	25.1	37.7

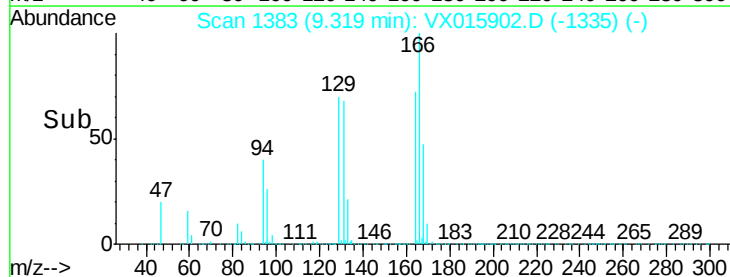
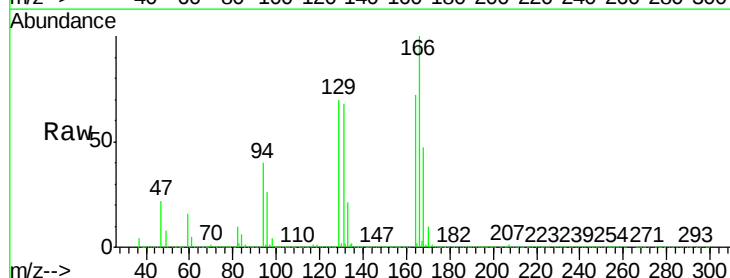
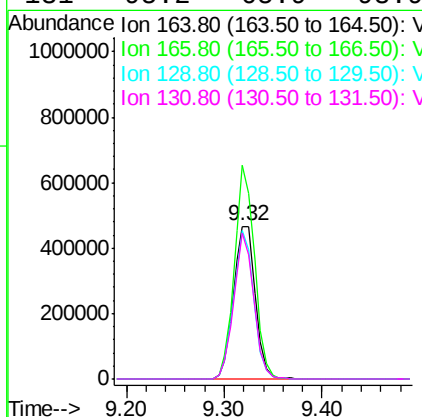
Manual Integrations
APPROVED

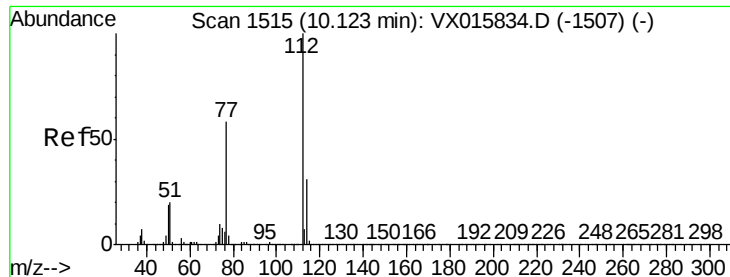
MMDadoda
4/24/2020 11:35:05 AM



#64
Tetrachloroethene
Concen: 44.184 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. -0.01 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
164	100		
166	139.6	100.2	150.2
129	97.3	64.5	96.7
131	95.2	65.9	98.9





#65

Chlorobenzene

Concen: 51.182 ug/l

RT: 10.12 min Scan# 1515

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 1240084

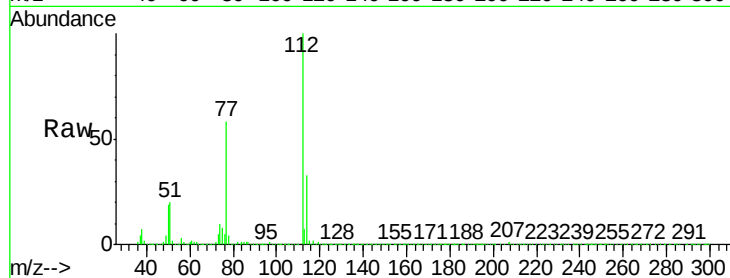
Ion Ratio Lower Upper

112 100

114 32.5 25.0 37.4

Manual Integrations
APPROVED

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4/24/2020 11:35:05 AM



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.12

800000

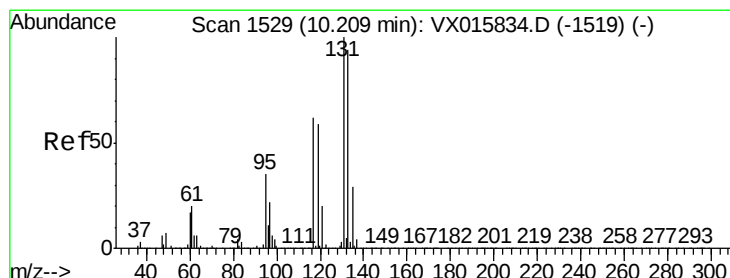
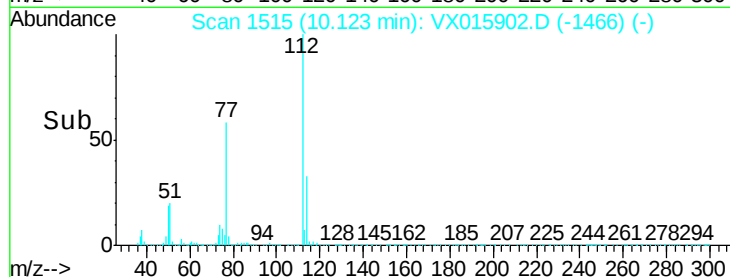
600000

400000

200000

0

Time--> 10.00 10.10 10.20



#66

1,1,1,2-Tetrachloroethane

Concen: 53.520 ug/l

RT: 10.21 min Scan# 1529

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

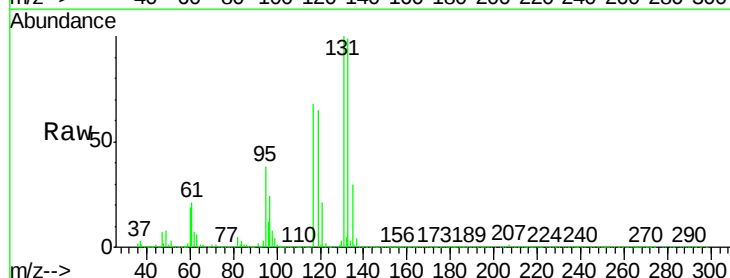
Tgt Ion:131 Resp: 484717

Ion Ratio Lower Upper

131 100

133 96.3 47.0 141.2

119 63.1 30.9 92.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

10.21

400000

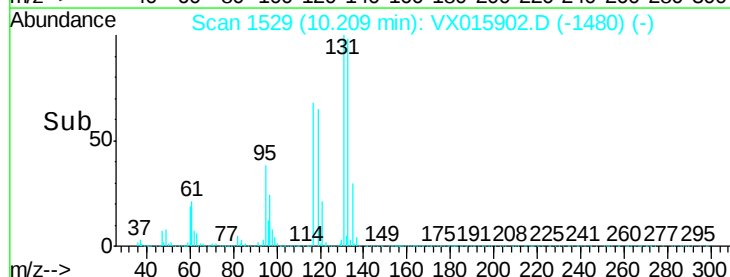
300000

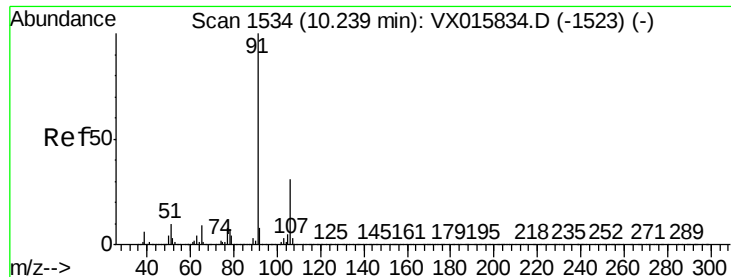
200000

100000

0

Time--> 10.10 10.20 10.30





#67

Ethyl Benzene

Concen: 51.120 ug/l

RT: 10.24 min Scan# 1534

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 2175061

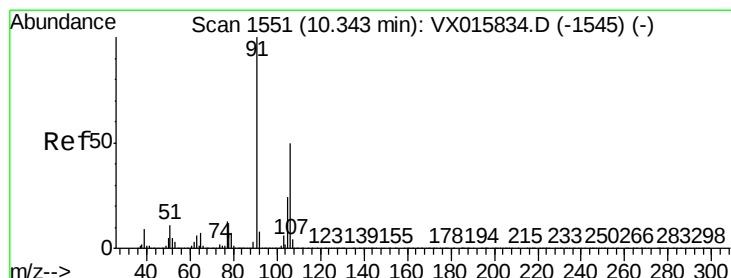
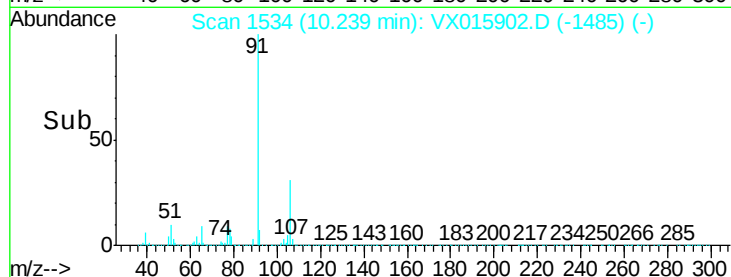
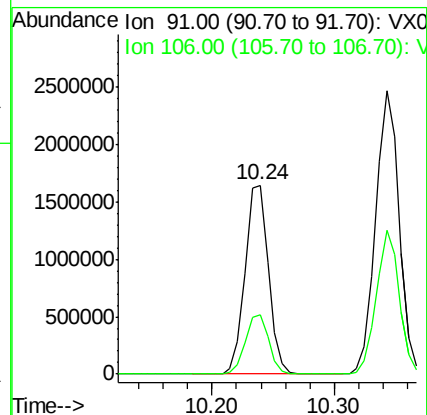
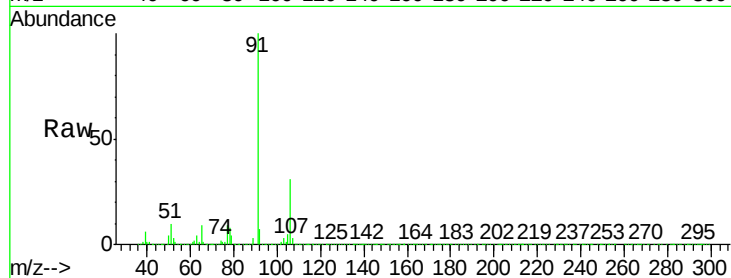
Ion Ratio Lower Upper

91 100

106 31.2 25.0 37.4

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:05 AM



#68

m/p-Xylenes

Concen: 102.520 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. 0.00 min

Lab File: VX015902.D

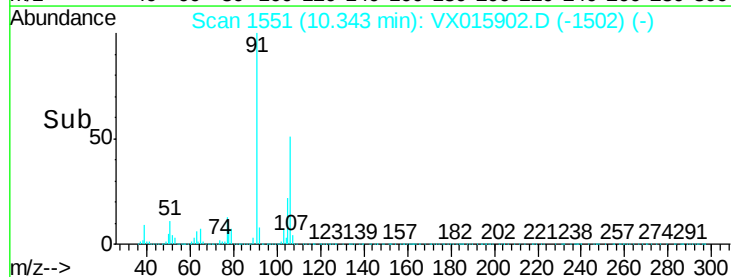
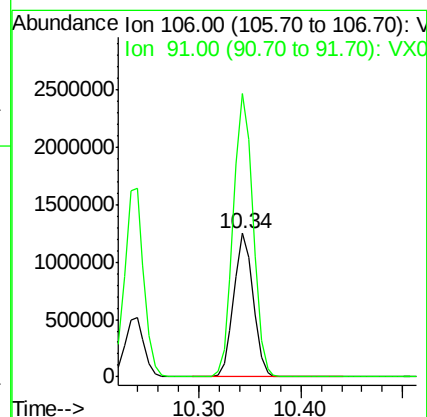
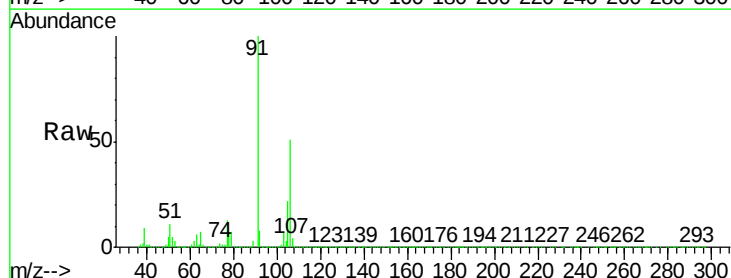
Acq: 23 Apr 2020 19:40

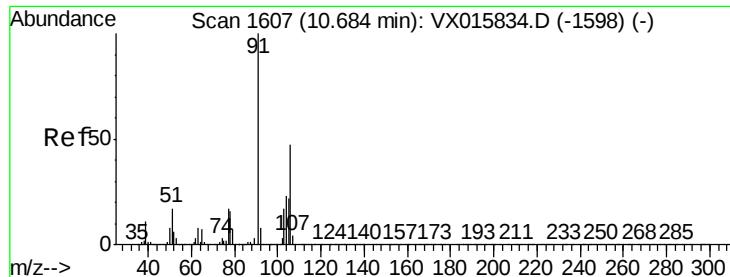
Tgt Ion: 106 Resp: 1637290

Ion Ratio Lower Upper

106 100

91 201.0 161.1 241.7





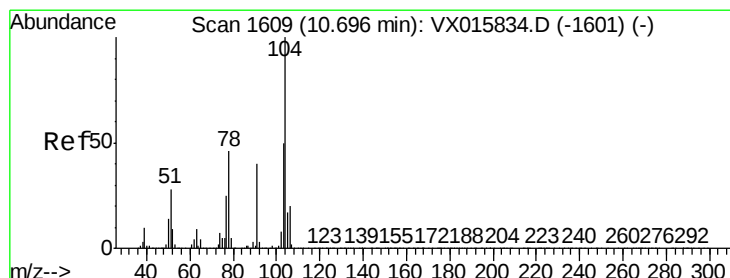
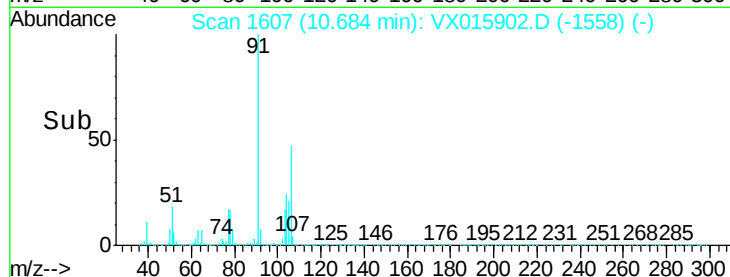
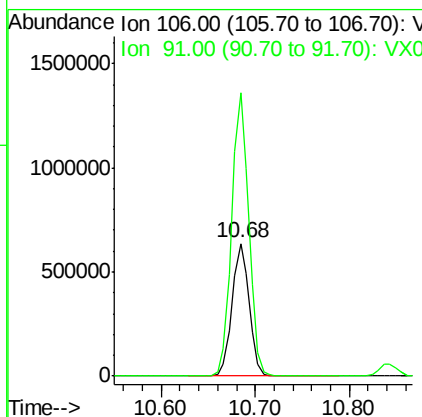
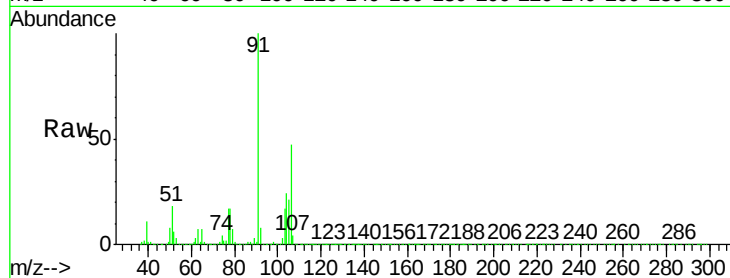
#69
o-Xylene
Concen: 50.965 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
106	100	800952		
91	213.0	107.1	321.3	

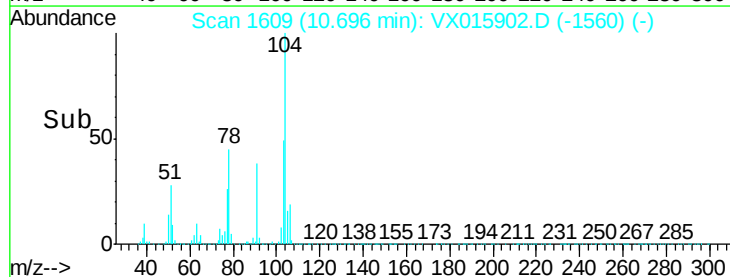
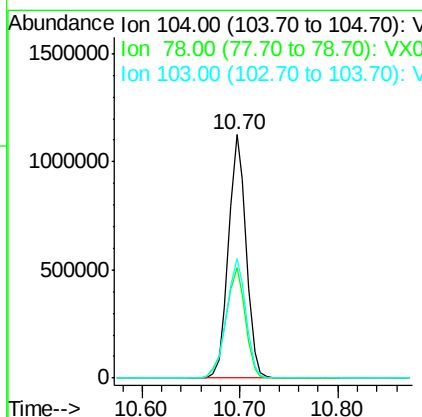
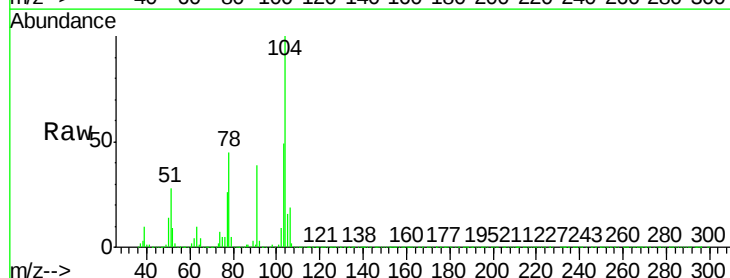
Manual Integrations
APPROVED

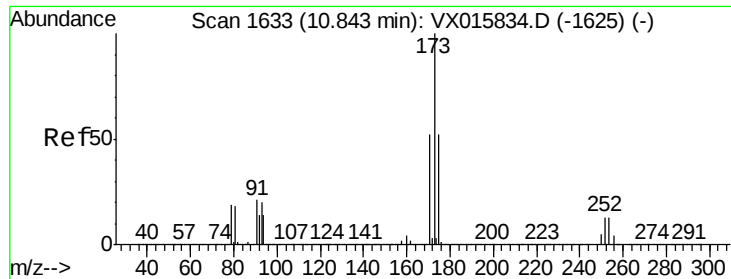
MMDadoda
4/24/2020 11:35:05 AM



#70
Styrene
Concen: 51.736 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
104	100	1407831		
78	50.0	40.1	60.1	
103	54.1	43.3	64.9	





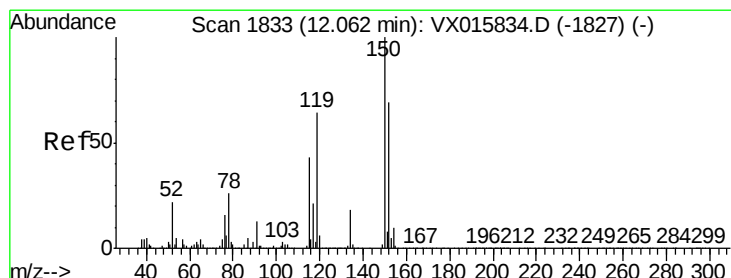
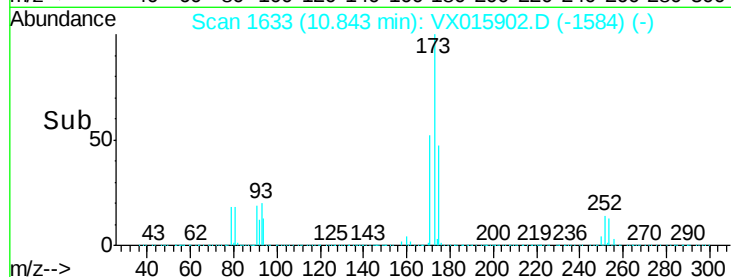
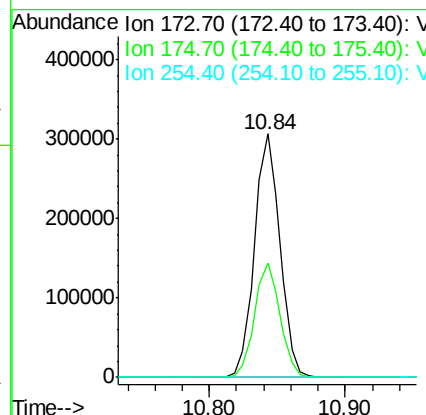
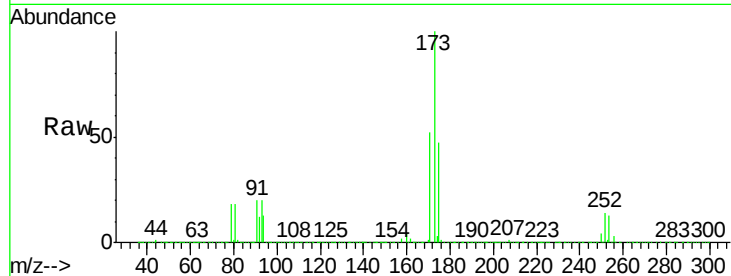
#71
Bromoform
Concen: 68.208 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.4	25.1	75.4
254	0.3	0.3	0.5

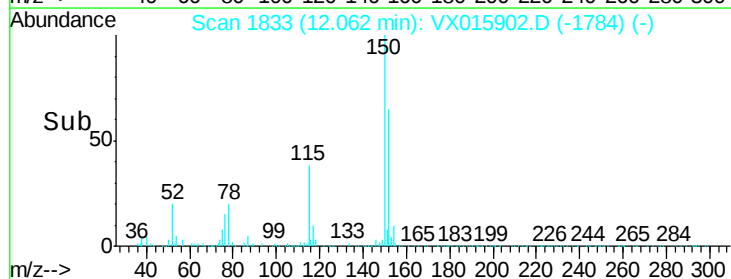
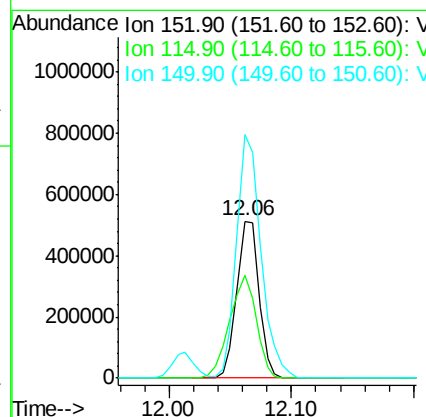
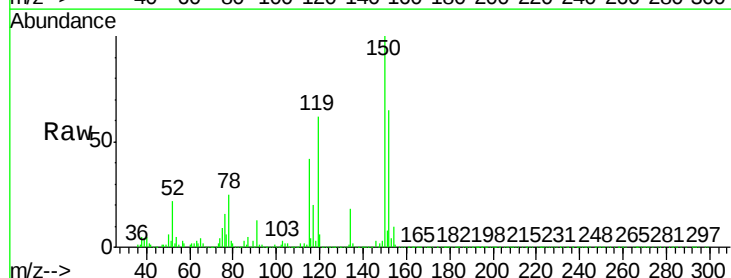
Manual Integrations
APPROVED

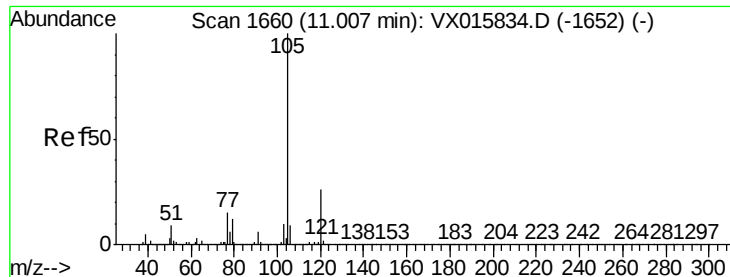
MMDadoda
4/24/2020 11:35:05 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.0	116.9
150	170.3	0.0	336.8





#73

Isopropylbenzene

Concen: 52.421 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2132545

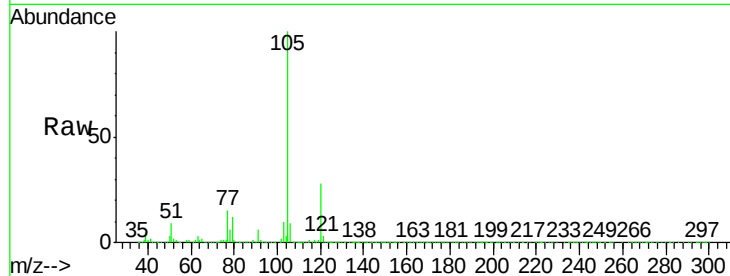
Ion Ratio Lower Upper

105 100

120 26.6 13.1 39.1

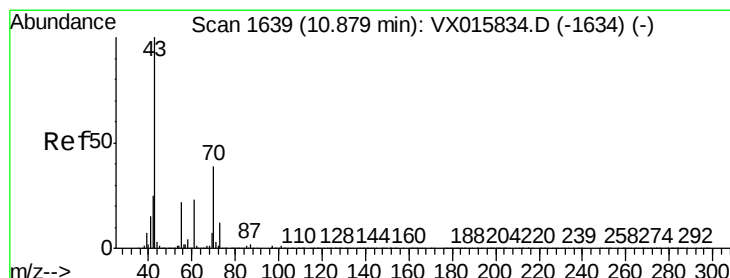
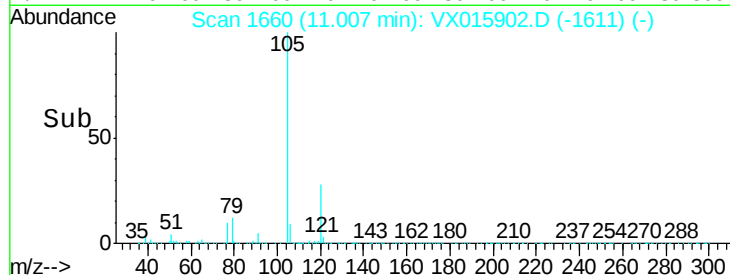
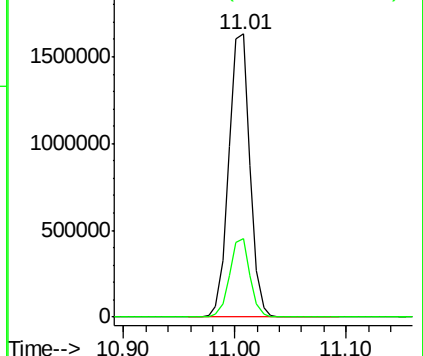
Manual Integrations
APPROVED

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4/24/2020 11:35:05 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 51.384 ug/l

RT: 10.88 min Scan# 1639

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion: 43 Resp: 1079148

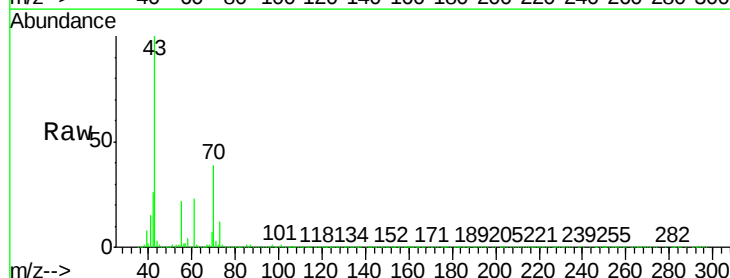
Ion Ratio Lower Upper

43 100

70 40.5 32.6 49.0

55 22.6 18.3 27.5

61 24.1 18.7 28.1

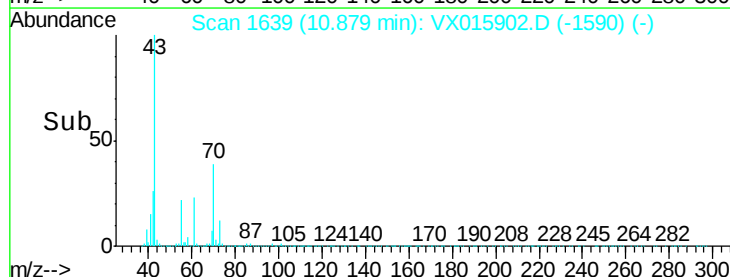
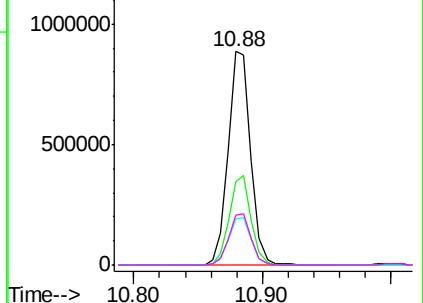


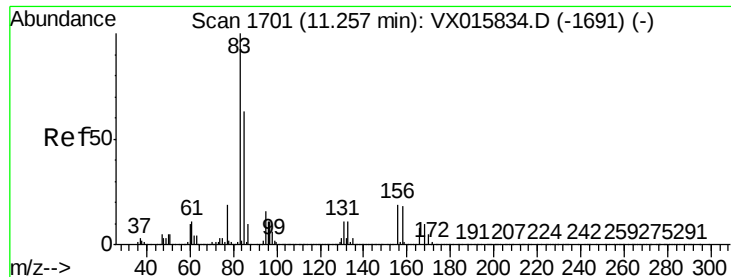
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 57.818 ug/l

RT: 11.26 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

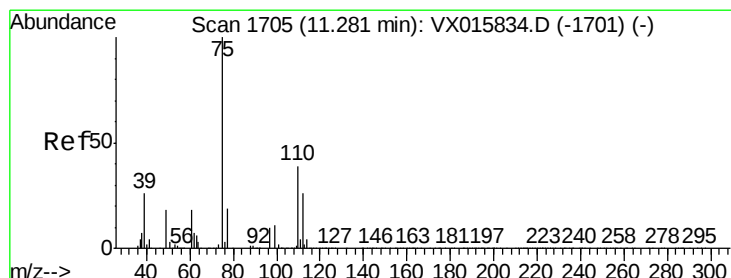
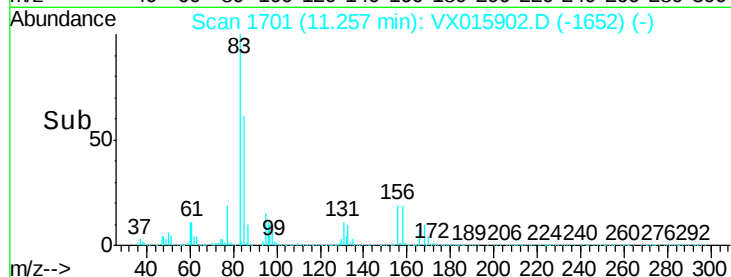
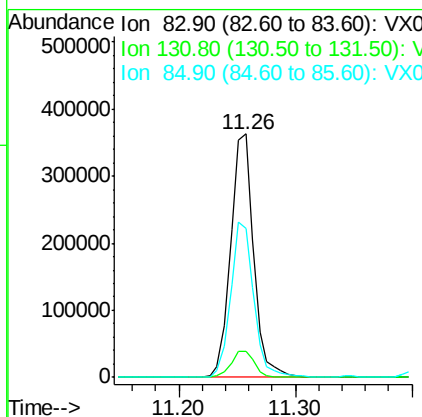
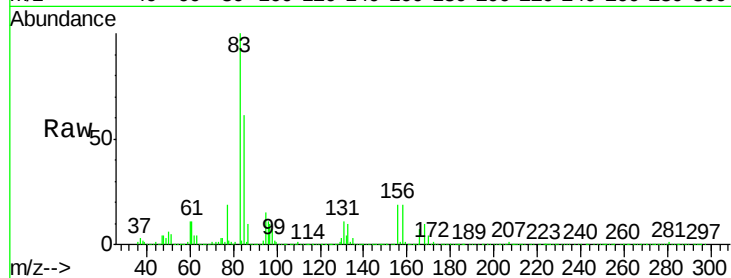
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	497784
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.5	16.4
85	64.3	32.4	97.0

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:05 AM



#76

1,2,3-Trichloropropane

Concen: 51.958 ug/l m

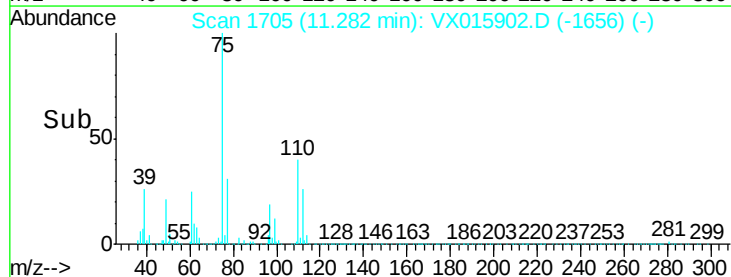
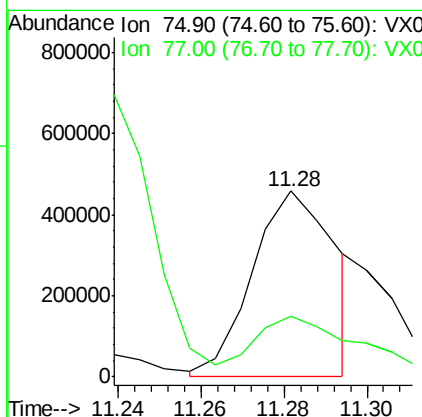
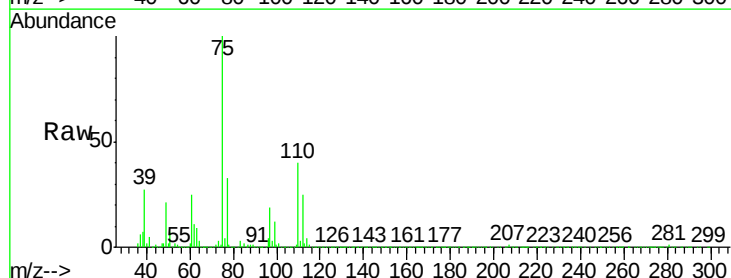
RT: 11.28 min Scan# 1705

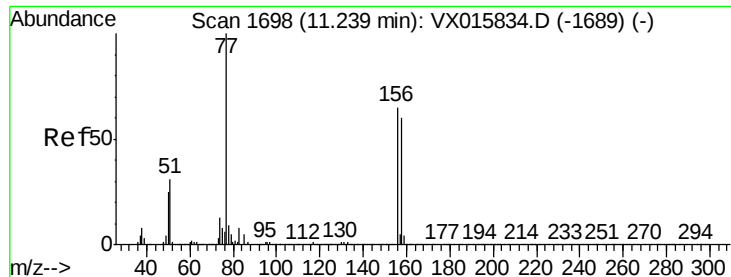
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	75	Resp:	632880
Ion Ratio	Lower	Upper	
75	100		
77	41.7	21.3	63.9





#77

Bromobenzene

Concen: 52.166 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

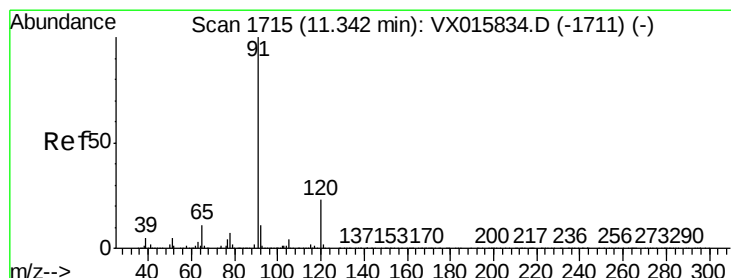
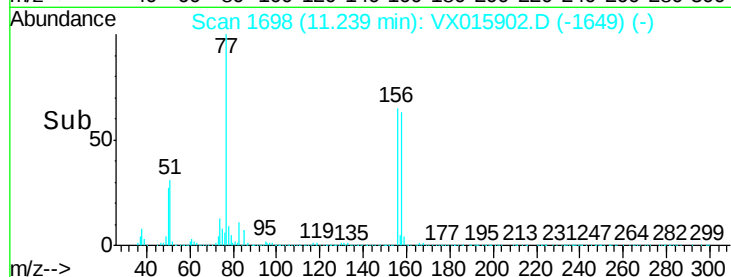
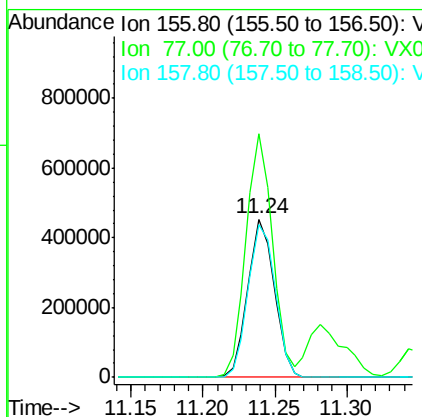
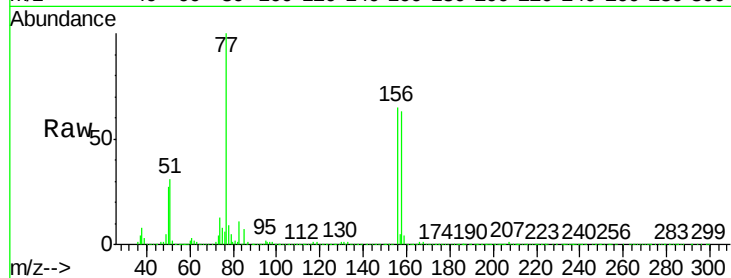
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	579852
Ion Ratio	Lower	Upper	
156	100		
77	153.3	75.2	225.6
158	98.8	47.9	143.6

Manual Integrations
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#78

n-propylbenzene

Concen: 52.647 ug/l

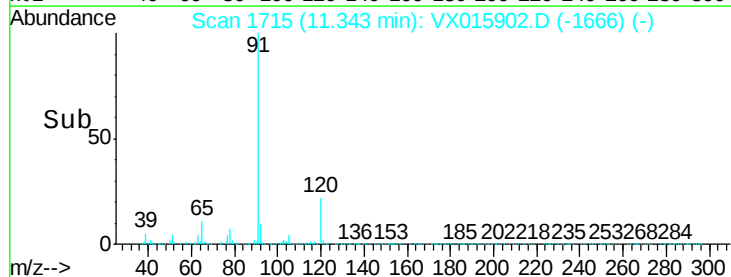
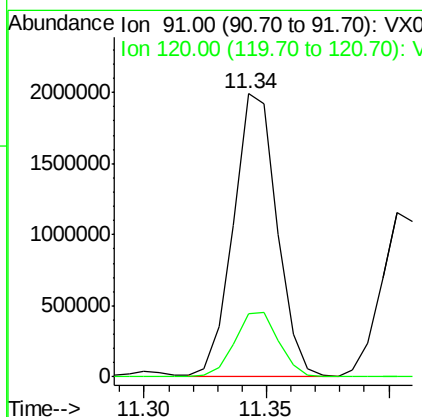
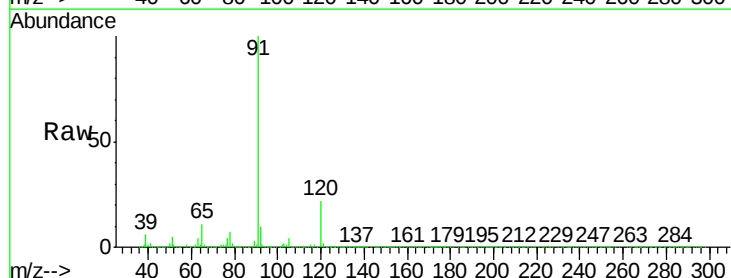
RT: 11.34 min Scan# 1715

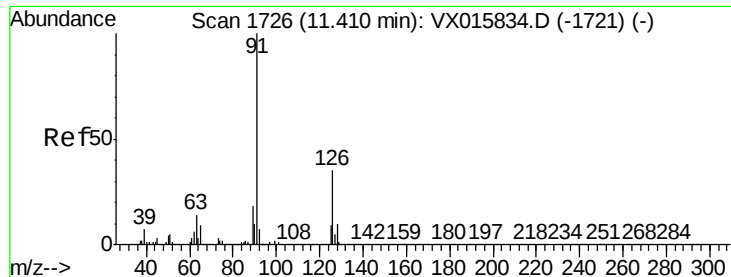
Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Tgt Ion:	91	Resp:	2453492
Ion Ratio	Lower	Upper	
91	100		
120	23.4	11.7	35.1





#79

2-Chlorotoluene

Concen: 52.718 ug/l

RT: 11.40 min Scan# 1725

Delta R.T. -0.01 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1475751

Ion Ratio Lower Upper

91 100

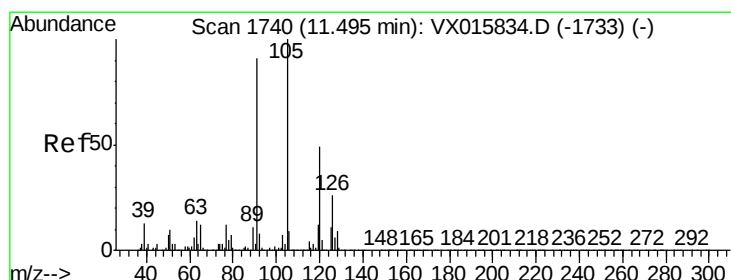
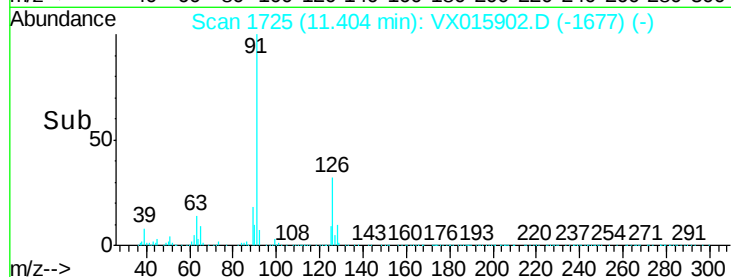
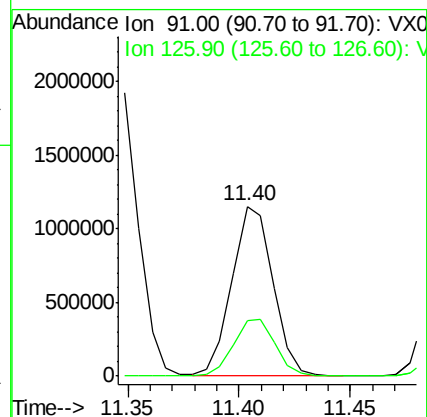
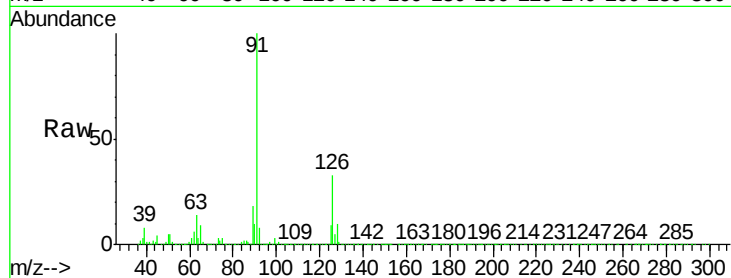
126 34.3 17.2 51.5

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 52.954 ug/l

RT: 11.50 min Scan# 1740

Delta R.T. 0.00 min

Lab File: VX015902.D

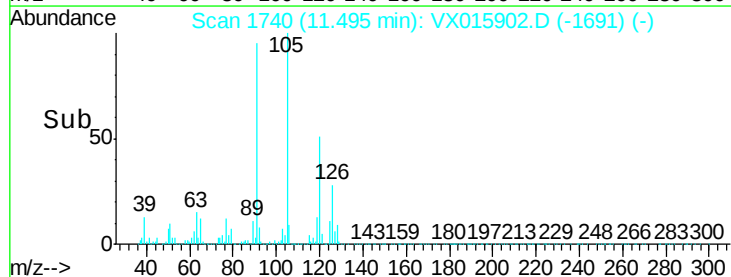
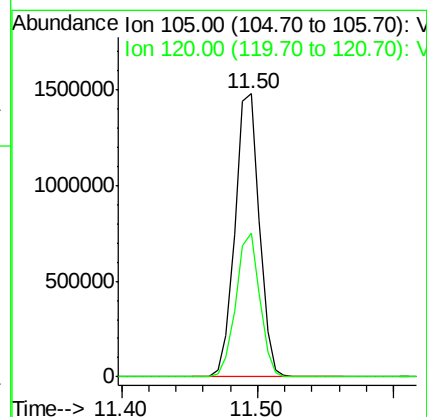
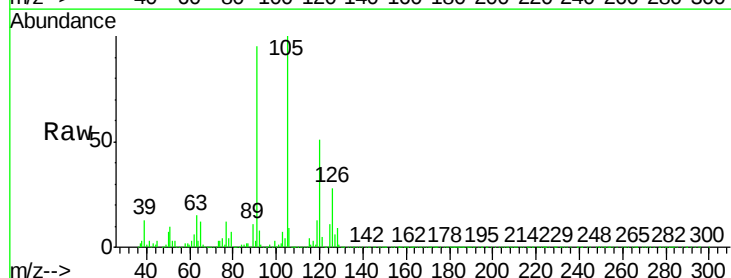
Acq: 23 Apr 2020 19:40

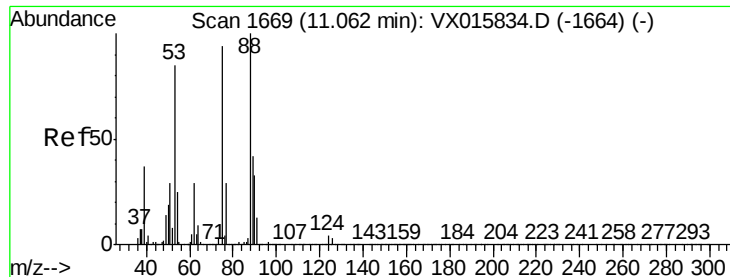
Tgt Ion: 105 Resp: 1836899

Ion Ratio Lower Upper

105 100

120 49.6 24.9 74.7





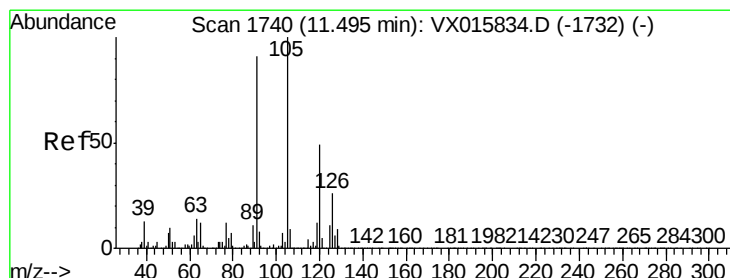
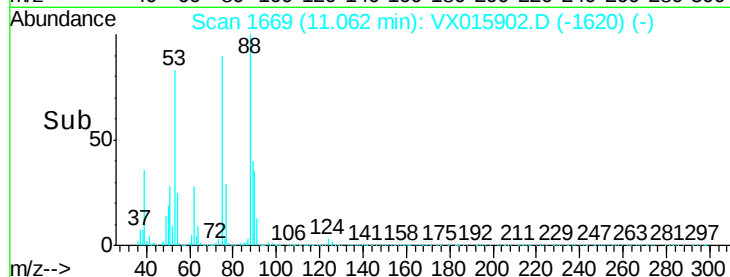
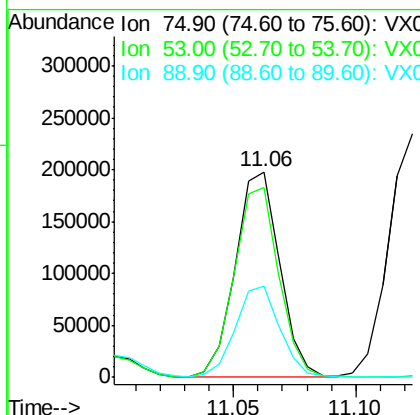
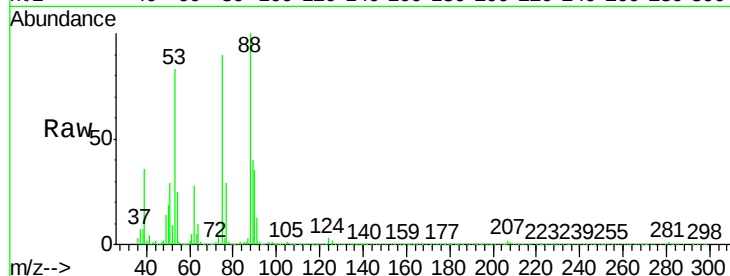
#81
trans-1,4-Dichloro-2-butene
Concen: 48.959 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	93.1	74.2	111.2
89	44.8	38.0	57.0

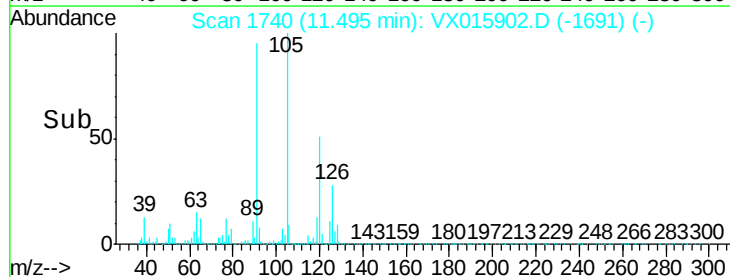
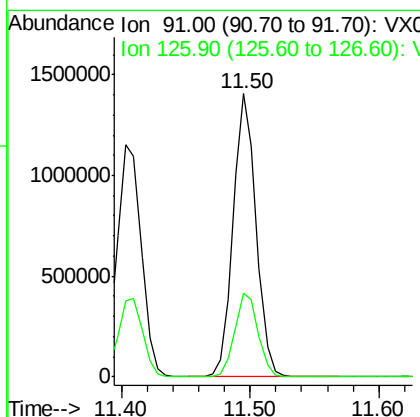
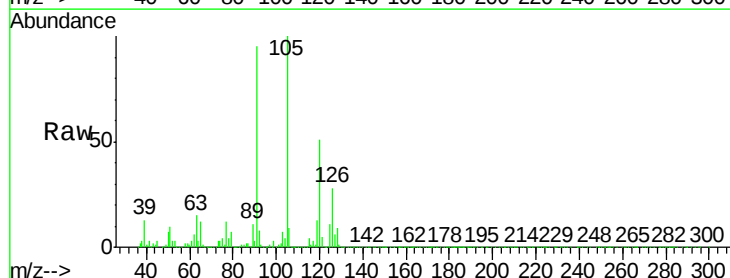
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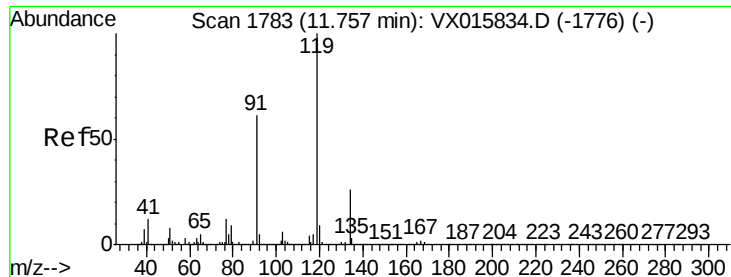
MMDadoda
4/24/2020 11:35:05 AM



#82
4-Chlorotoluene
Concen: 52.430 ug/l
RT: 11.50 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.8	15.0	45.0





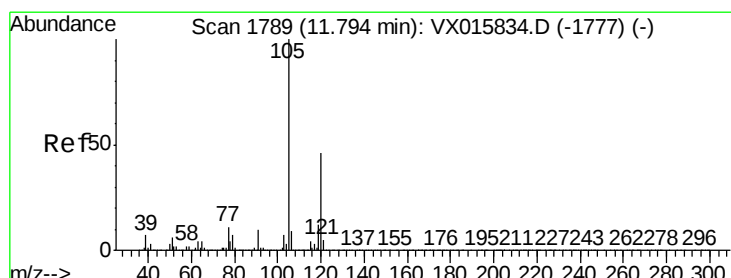
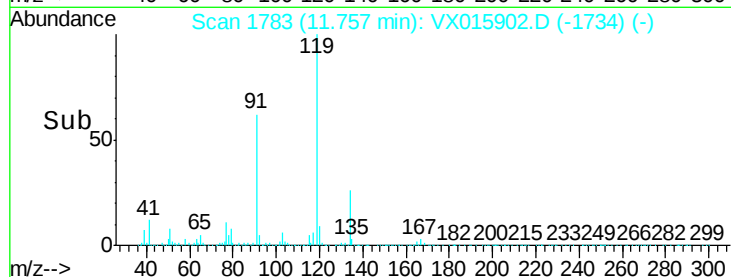
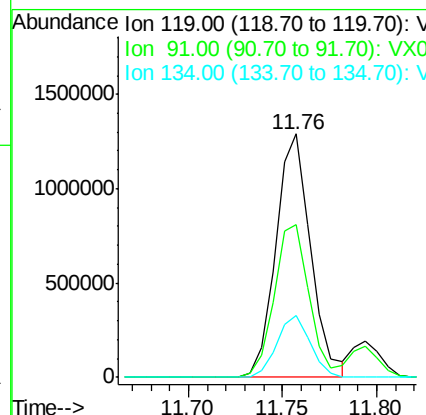
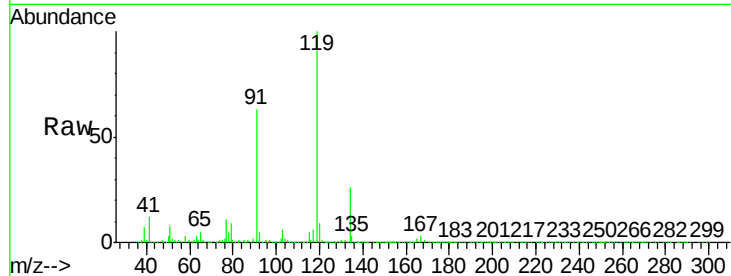
#83
tert-Butylbenzene
Concen: 53.517 ug/l
RT: 11.76 min Scan# 1783
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	62.4	30.9	92.7
134	24.3	12.4	37.2

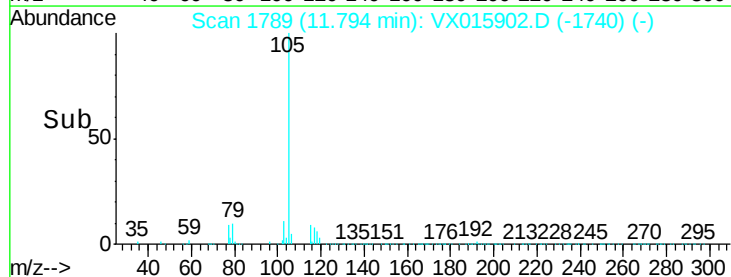
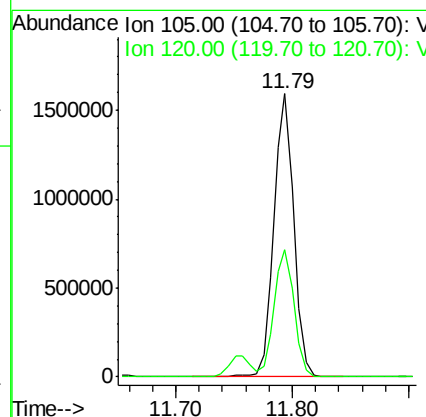
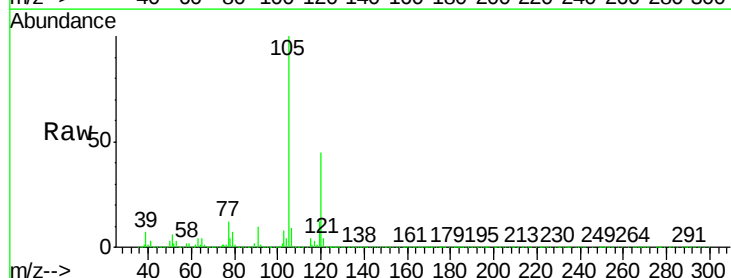
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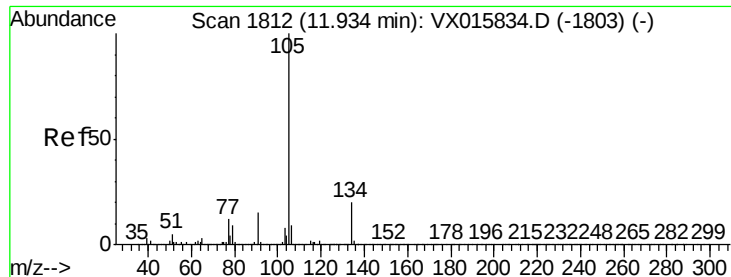
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 52.432 ug/l
RT: 11.79 min Scan# 1789
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.3	22.9	68.7





#85

sec-Butylbenzene

Concen: 50.899 ug/l

RT: 11.93 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2064535

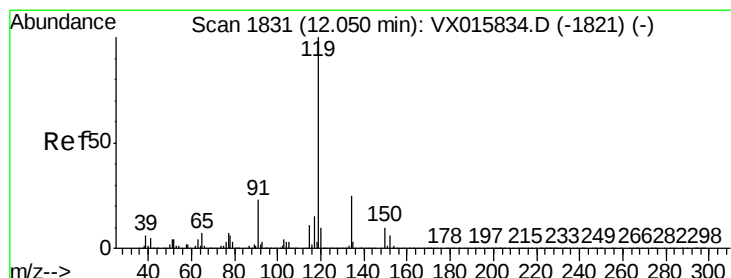
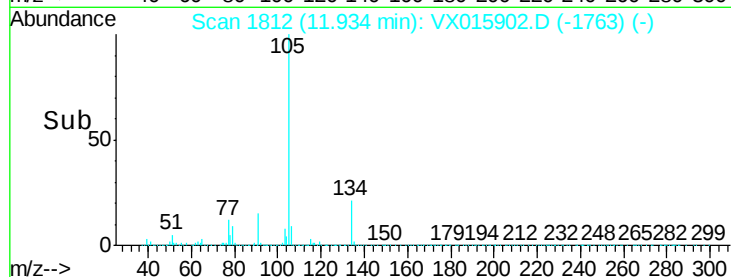
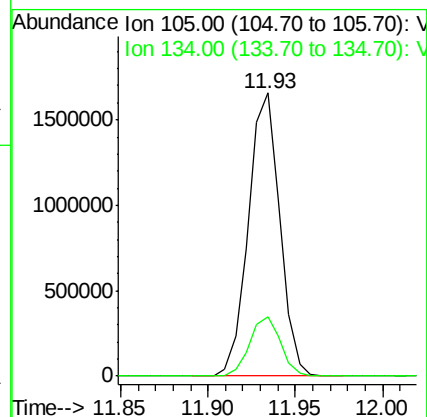
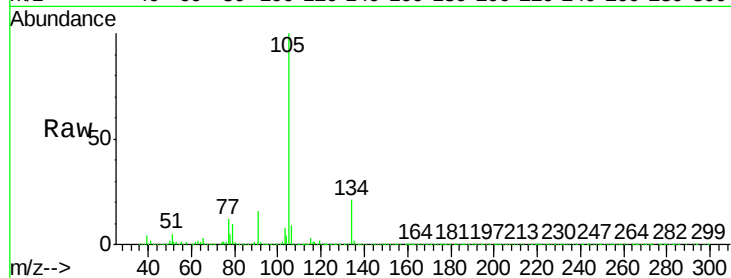
Ion Ratio Lower Upper

105 100

134 20.8 10.3 30.8

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 52.356 ug/l

RT: 12.05 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VX015902.D

Acq: 23 Apr 2020 19:40

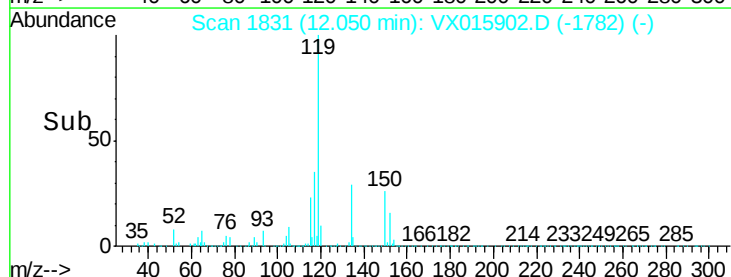
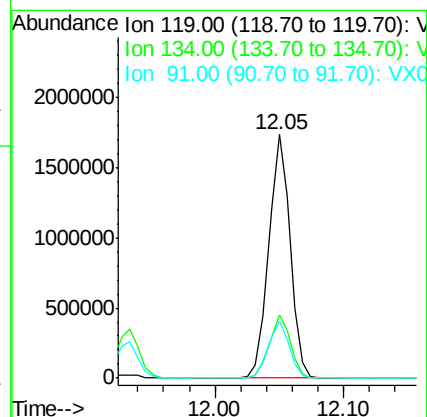
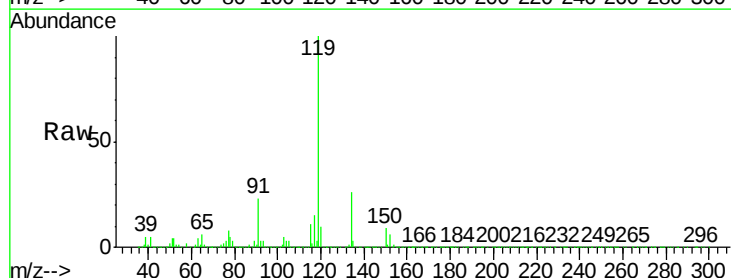
Tgt Ion:119 Resp: 1985766

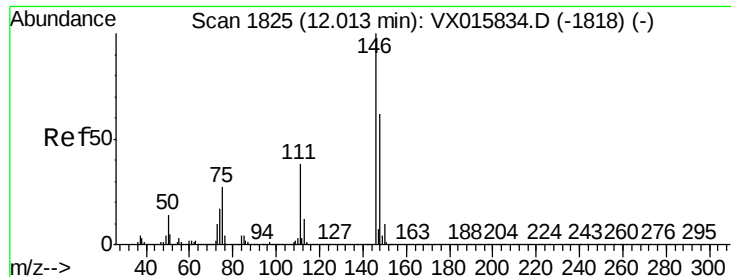
Ion Ratio Lower Upper

119 100

134 25.8 13.0 38.9

91 23.1 11.5 34.5





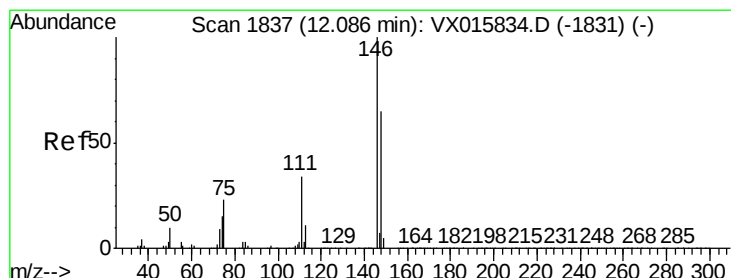
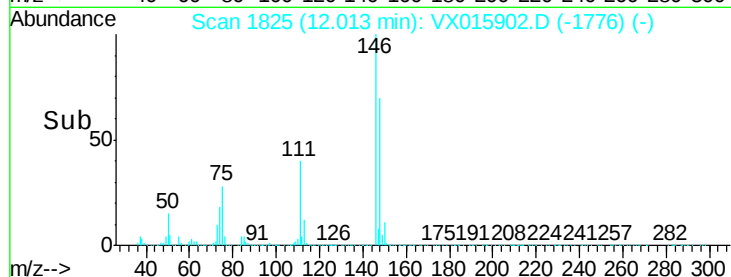
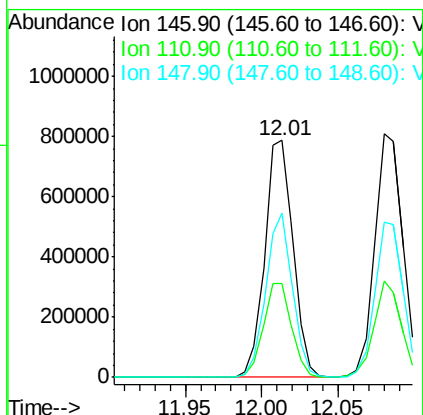
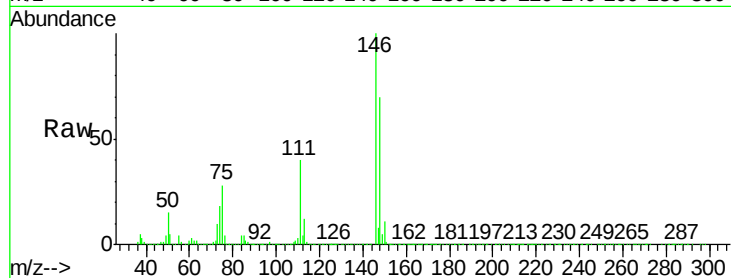
#87
 1,3-Dichlorobenzene
 Concen: 49.896 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.1	57.1
148	65.3	30.9	92.7

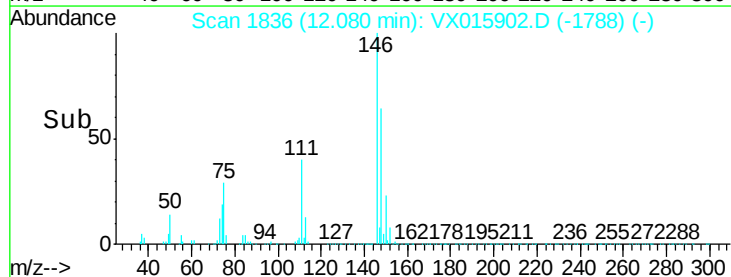
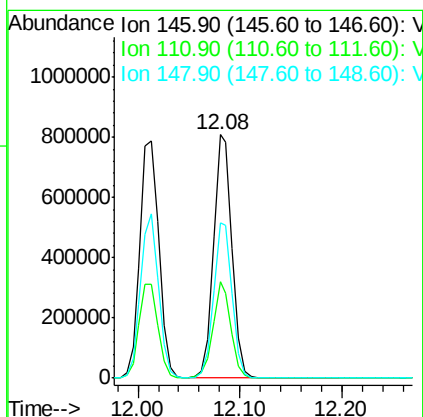
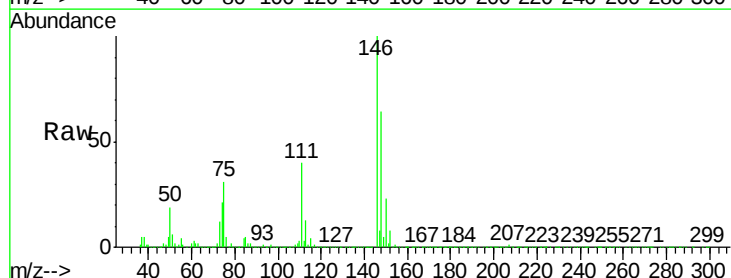
Manual Integrations
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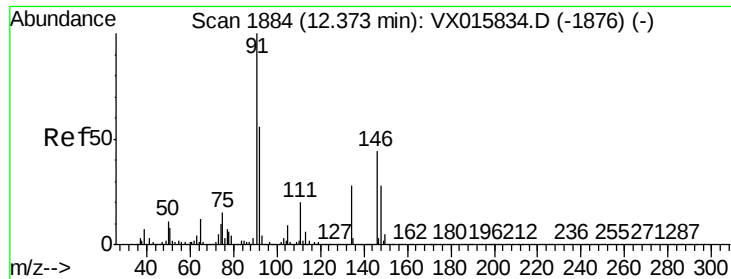
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#88
 1,4-Dichlorobenzene
 Concen: 50.504 ug/l
 RT: 12.08 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.2
148	63.9	33.8	101.4





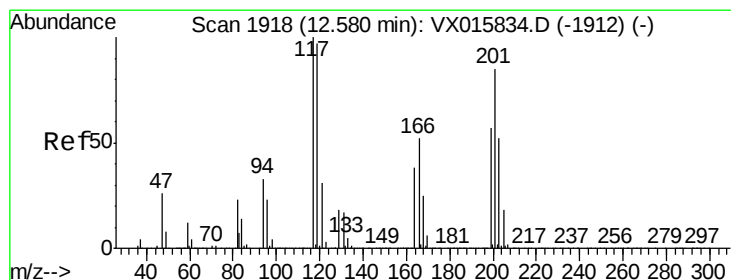
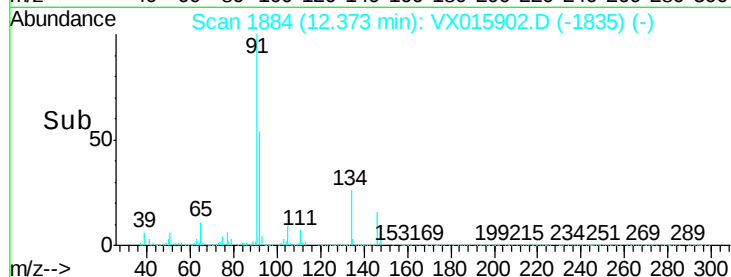
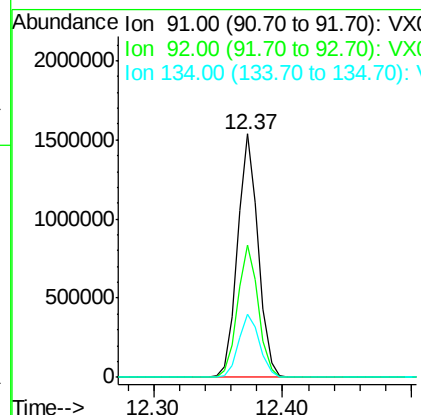
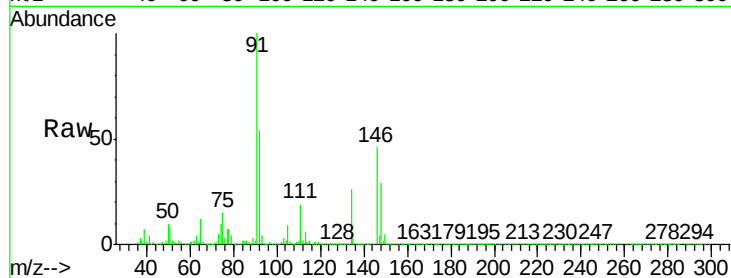
#89
n-Butylbenzene
Concen: 50.696 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.6	27.7	83.1
134	26.6	14.1	42.4

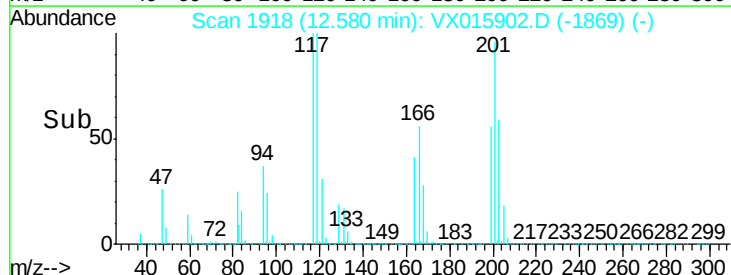
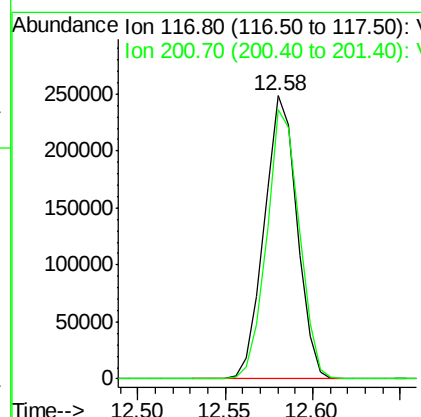
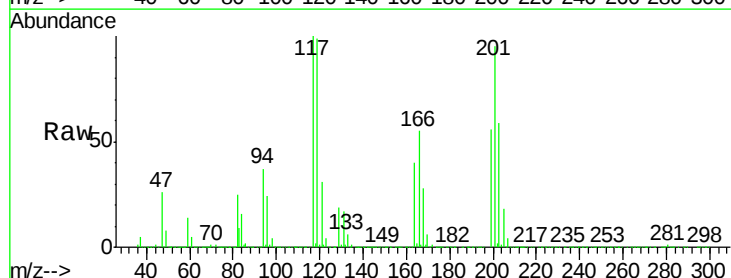
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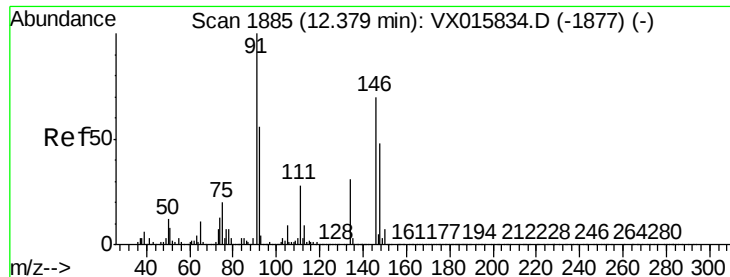
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#90
Hexachloroethane
Concen: 80.520 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
117	100		
201	95.1	45.6	136.9





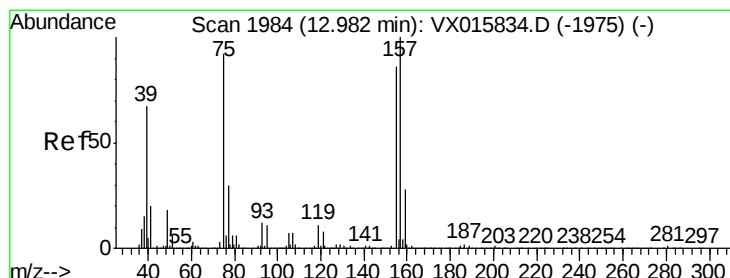
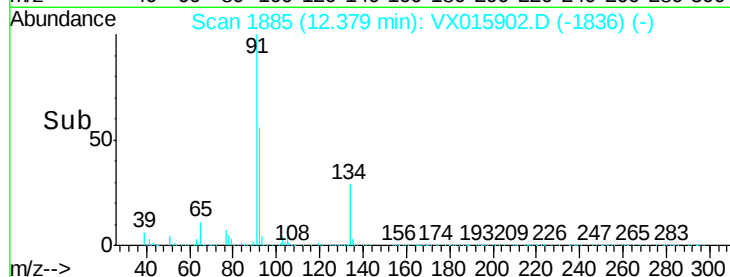
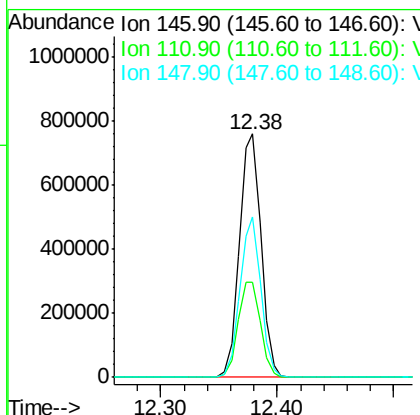
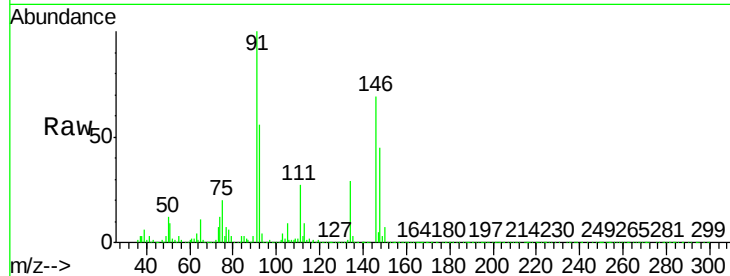
#91
 1,2-Dichlorobenzene
 Concen: 50.802 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	61.0
148	63.4	32.1	96.3

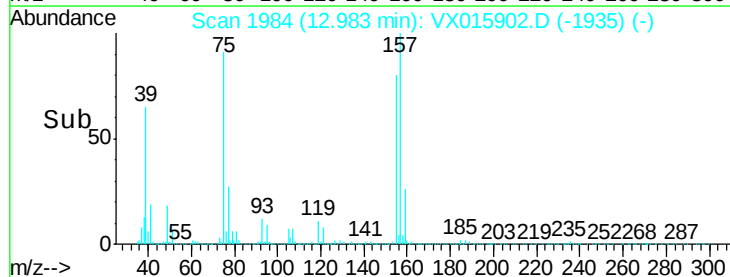
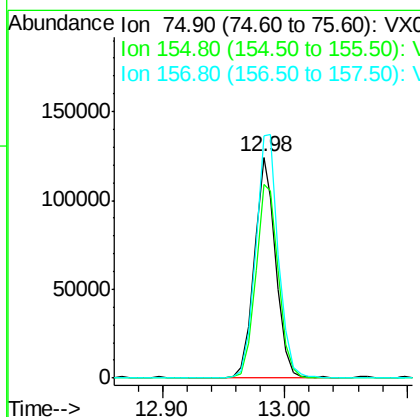
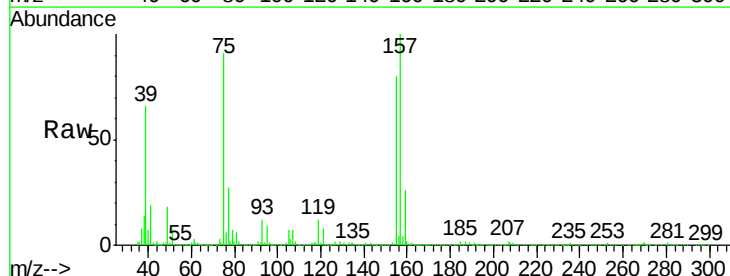
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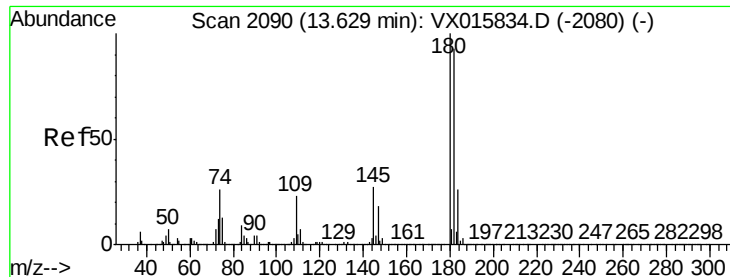
MMDadoda
 4/24/2020 11:35:05 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.040 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	93.9	48.1	144.4
157	118.1	58.9	176.7





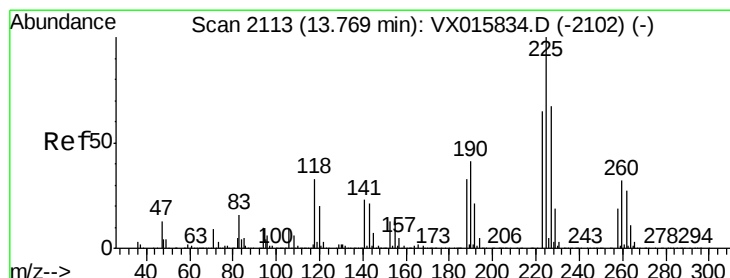
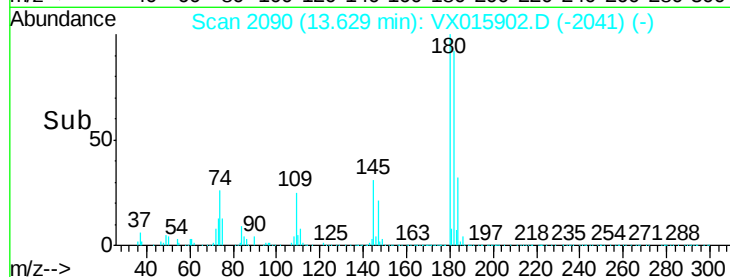
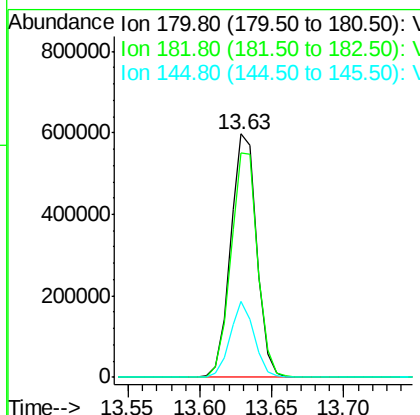
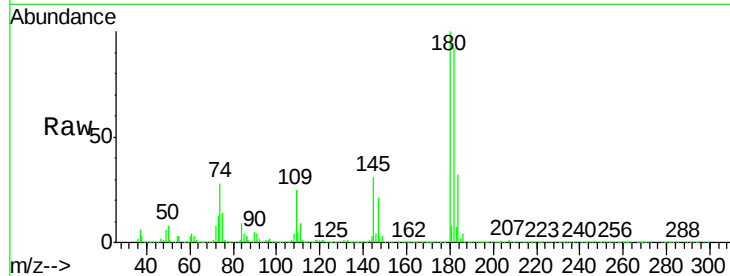
#93
 1,2,4-Trichlorobenzene
 Concen: 49.714 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	758045		
182	94.3	47.7	143.1	
145	29.0	14.5	43.5	

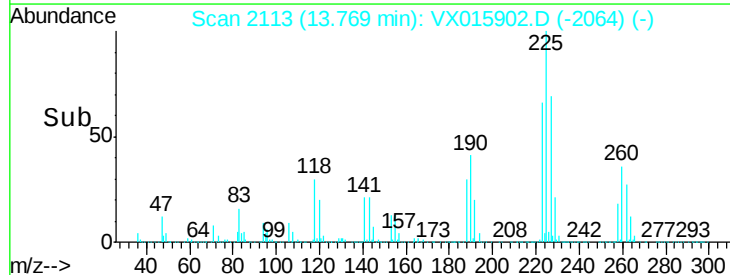
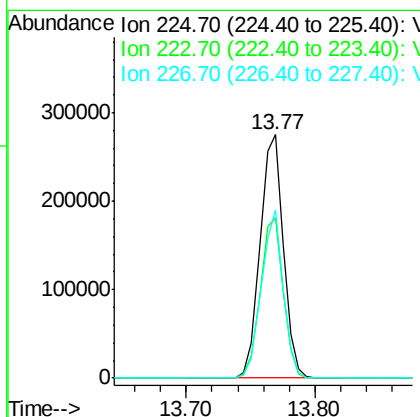
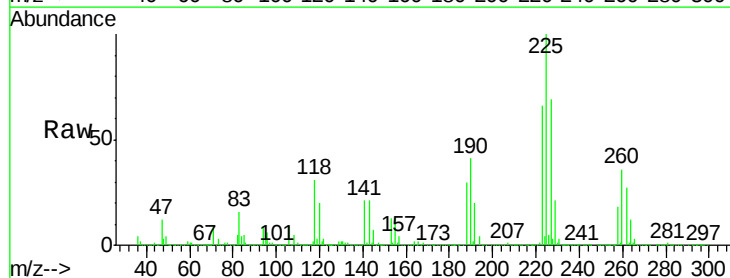
Manual Integrations
 APPROVED

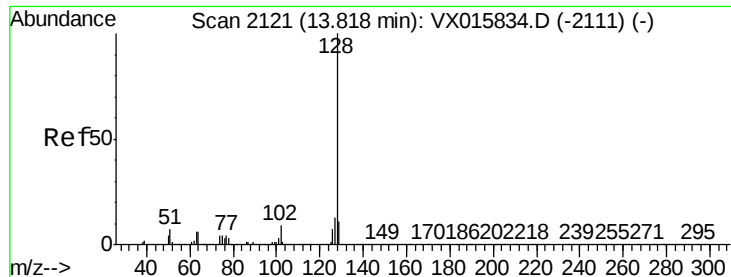
MMDadoda
 4/24/2020 11:35:05 AM



#94
 Hexachlorobutadiene
 Concen: 49.727 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015902.D
 Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	339968		
223	65.1	31.3	93.8	
227	64.5	32.6	97.8	





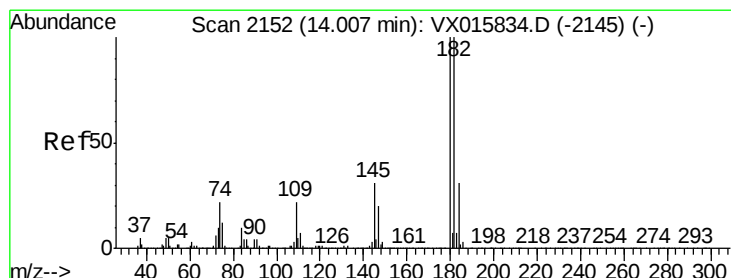
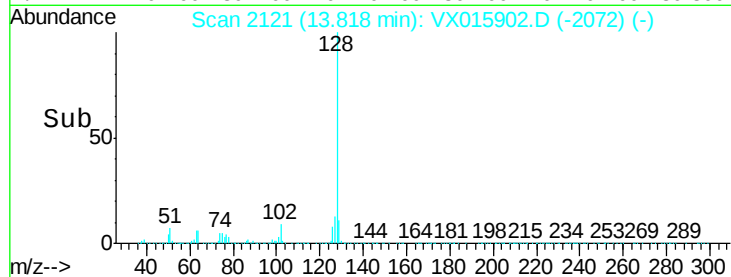
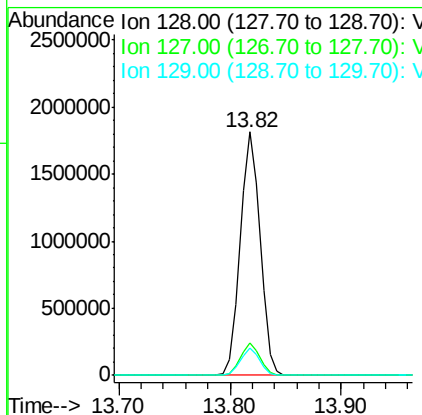
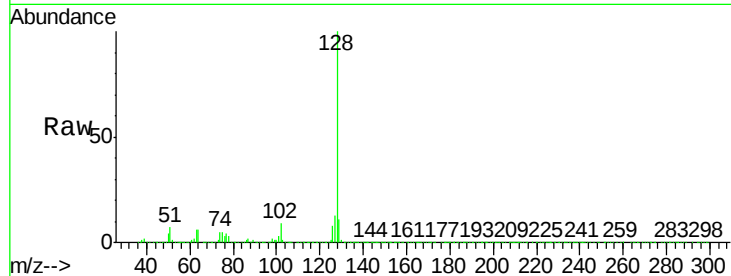
#95
Naphthalene
Concen: 51.083 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.5	15.7
129	10.9	8.5	12.7

Manual Integrations
APPROVED

MMDadoda
4/24/2020 11:35:05 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.341 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.00 min
Lab File: VX015902.D
Acq: 23 Apr 2020 19:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	47.9	143.7
145	31.3	15.2	45.5

