

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040620\
 Data File : VX015527.D
 Acq On : 06 Apr 2020 20:43
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:41 AM

Quant Time: Apr 07 07:53:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1098408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1768301	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1656996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	891440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	784758	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
35) Dibromofluoromethane	5.47	113	575662	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.70	98	2105316	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	869376	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	503972	52.078	ug/l	99
3) Chloromethane	1.31	50	596179	48.376	ug/l	100
4) Vinyl Chloride	1.39	62	556300	49.161	ug/l	99
5) Bromomethane	1.62	94	264821	50.917	ug/l	95
6) Chloroethane	1.70	64	346808	49.416	ug/l	98
7) Trichlorofluoromethane	1.91	101	798665	52.628	ug/l	96
8) Diethyl Ether	2.17	74	316752	49.485	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	519658	52.527	ug/l	99
10) Methyl Iodide	2.49	142	758403	56.859	ug/l	99
11) Tert butyl alcohol	3.01	59	765998	206.576	ug/l	98
12) 1,1-Dichloroethene	2.36	96	525358	50.661	ug/l	99
13) Acrolein	2.27	56	610441	288.997	ug/l	100
14) Allyl chloride	2.70	41	1170164	48.293	ug/l	97
15) Acrylonitrile	3.12	53	1721424	243.430	ug/l	100
16) Acetone	2.42	43	1575621	236.734	ug/l	99
17) Carbon Disulfide	2.55	76	1496963	47.320	ug/l	99
18) Methyl Acetate	2.75	43	868605	51.133	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	2003922	49.825	ug/l	99
20) Methylene Chloride	2.83	84	597924	48.096	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	562337	48.861	ug/l	97
22) Diisopropyl ether	3.83	45	2154545	50.180	ug/l	97
23) Vinyl Acetate	3.79	43	9452528	243.152	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1119840	49.536	ug/l	98
25) 2-Butanone	4.64	43	2518245	235.269	ug/l	99
26) 2,2-Dichloropropane	4.56	77	911485	49.121	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	658324	49.442	ug/l	98
28) Bromochloromethane	4.98	49	517856	47.978	ug/l	100
29) Tetrahydrofuran	5.09	42	1629636	236.827	ug/l	100
30) Chloroform	5.18	83	1098787	50.520	ug/l	99
31) Cyclohexane	5.55	56	1009775	51.490	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	1014656	51.549	ug/l	100
36) 1,1-Dichloropropene	5.78	75	816497	50.114	ug/l	100
37) Ethyl Acetate	4.79	43	999639	47.120	ug/l	100
38) Carbon Tetrachloride	5.76	117	874551	49.558	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	957373	50.963	ug/l	98
40) Benzene	6.12	78	2362558	49.502	ug/l	98
41) Methacrylonitrile	5.01	41	581557	49.382	ug/l	99
42) 1,2-Dichloroethane	6.17	62	967660	50.476	ug/l	99
43) Isopropyl Acetate	6.42	43	1720113	48.031	ug/l	100
44) Trichloroethene	7.19	130	645269	49.574	ug/l	98
45) 1,2-Dichloropropane	7.50	63	634004	48.560	ug/l	99
46) Dibromomethane	7.64	93	416412	48.621	ug/l	99
47) Bromodichloromethane	7.88	83	904937	49.588	ug/l	99
48) Methyl methacrylate	7.75	41	866145	48.421	ug/l	99
49) 1,4-Dioxane	7.72	88	271451	813.463	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4973484	245.052	ug/l	100
52) Toluene	8.77	92	1498157	50.915	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	1041028	48.639	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1072696	49.201	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	602229	49.955	ug/l	97
56) Ethyl methacrylate	9.16	69	1069368	50.333	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1055580	48.599	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2575976	249.267	ug/l	100
59) 2-Hexanone	9.48	43	3793554	247.577	ug/l	100
60) Dibromochloromethane	9.57	129	719990	49.702	ug/l	99
61) 1,2-Dibromoethane	9.65	107	655703	50.022	ug/l	100
64) Tetrachloroethene	9.32	164	601982	48.140	ug/l	93
65) Chlorobenzene	10.12	112	1620555	49.040	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	656026	49.692	ug/l	99
67) Ethyl Benzene	10.24	91	2944874	50.246	ug/l	100
68) m/p-Xylenes	10.34	106	2175755	99.695	ug/l	99
69) o-Xylene	10.68	106	1063259	49.303	ug/l	99
70) Styrene	10.70	104	1875902	49.432	ug/l	99
71) Bromoform	10.84	173	587622	48.895	ug/l #	99
73) Isopropylbenzene	11.01	105	2844096	48.693	ug/l	99
74) N-amyl acetate	10.89	43	1514489	46.620	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	931966	46.500	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	870140m	47.466	ug/l	
77) Bromobenzene	11.24	156	749185	48.087	ug/l	99
78) n-propylbenzene	11.35	91	3282581	49.149	ug/l	99
79) 2-Chlorotoluene	11.41	91	1990956	48.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	2410878	48.331	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	342428	44.821	ug/l	98
82) 4-Chlorotoluene	11.49	91	2338465	48.728	ug/l	100
83) tert-Butylbenzene	11.76	119	2382845	48.904	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2447485	48.148	ug/l	99
85) sec-Butylbenzene	11.93	105	2793168	49.566	ug/l	99
86) p-Isopropyltoluene	12.05	119	2631161	50.295	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1388240	49.774	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	1362246	47.950	ug/l	98
89) n-Butylbenzene	12.37	91	2333483	49.359	ug/l	100
90) Hexachloroethane	12.58	117	475449	46.693	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1340627	49.116	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	248489	43.927	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1047228	48.505	ug/l	98
94) Hexachlorobutadiene	13.77	225	451790	43.951	ug/l	97
95) Naphthalene	13.82	128	3154078	47.892	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1031948	49.644	ug/l	98

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

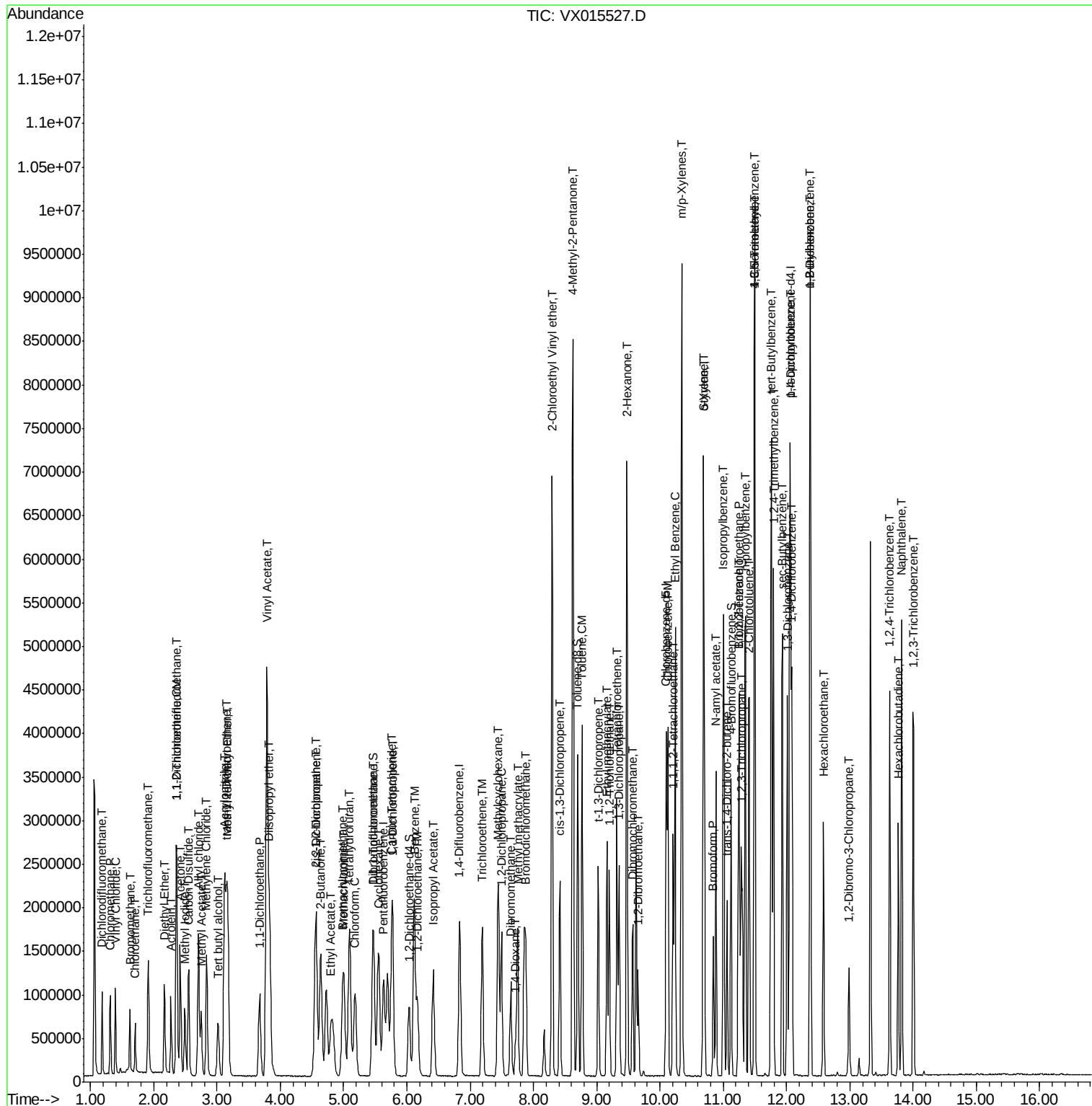
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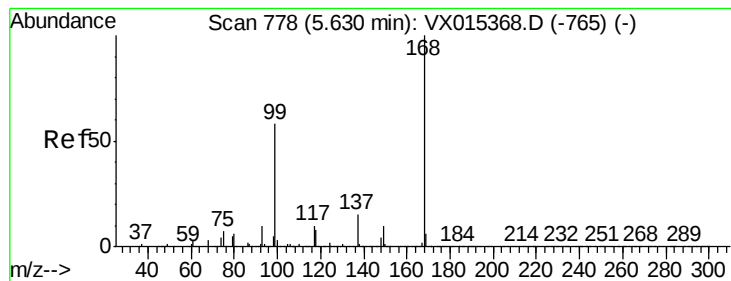
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 1098408

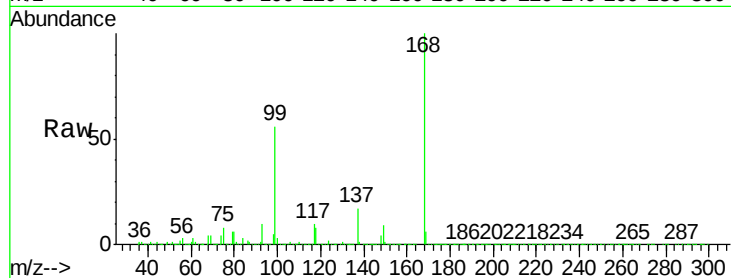
Ion Ratio Lower Upper

168 100

99 55.6 46.4 69.6

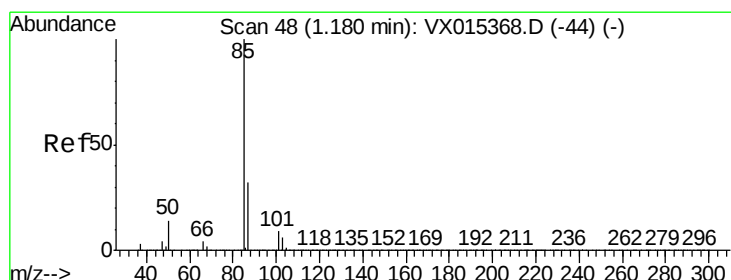
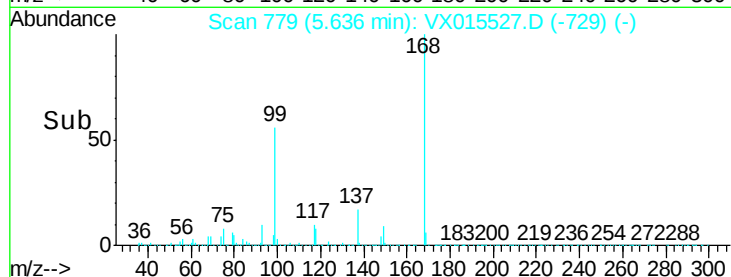
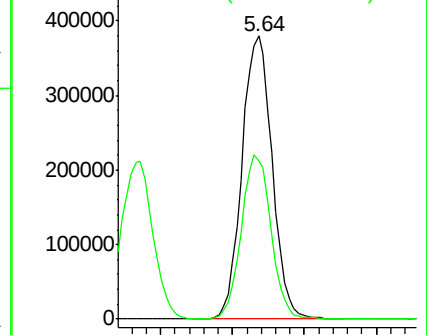
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.078 ug/l

RT: 1.18 min Scan# 48

Delta R.T. 0.00 min

Lab File: VX015527.D

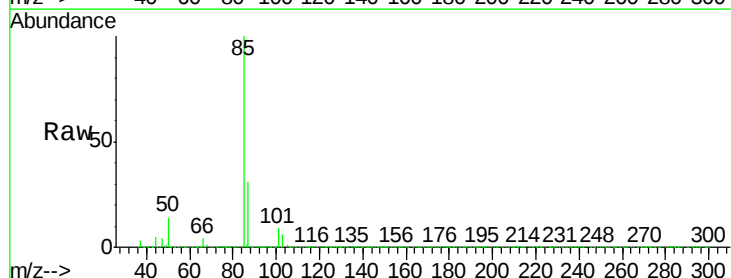
Acq: 06 Apr 2020 20:43

Tgt Ion: 85 Resp: 503972

Ion Ratio Lower Upper

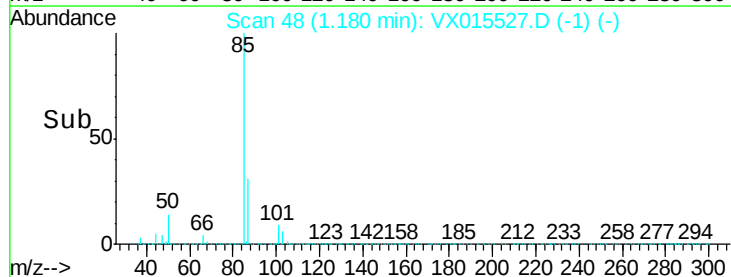
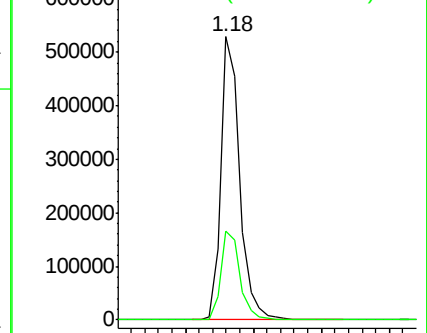
85 100

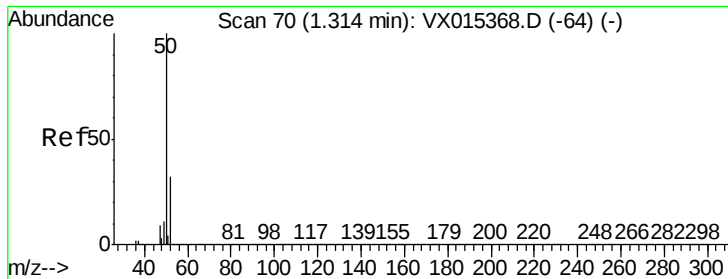
87 31.3 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.376 ug/l

RT: 1.31 min Scan# 70

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 596179

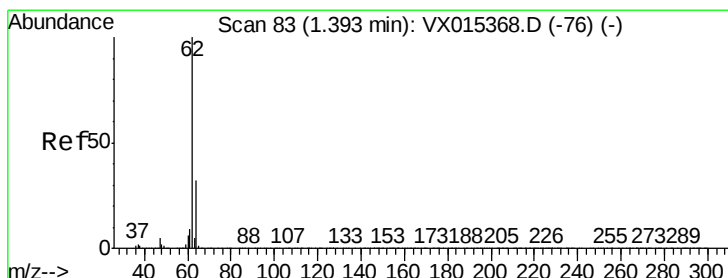
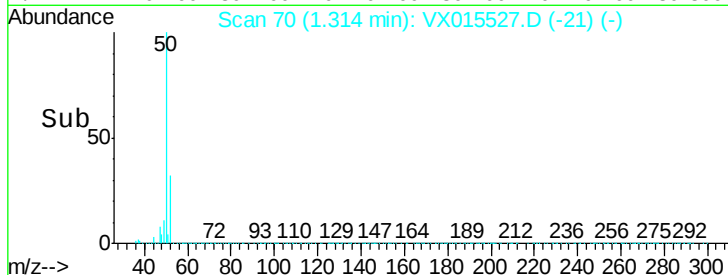
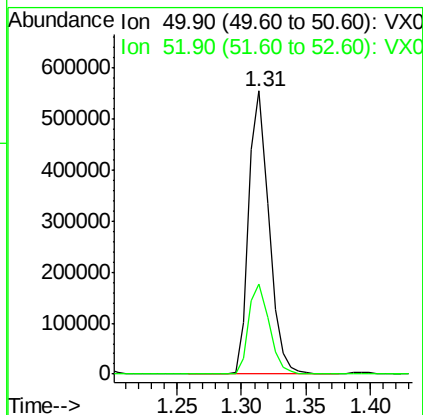
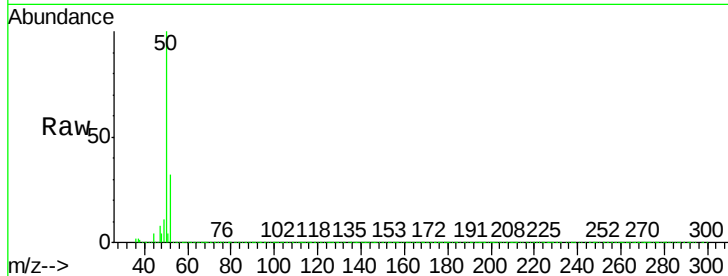
Ion Ratio Lower Upper

50 100

52 31.8 25.3 37.9

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.161 ug/l

RT: 1.39 min Scan# 83

Delta R.T. 0.00 min

Lab File: VX015527.D

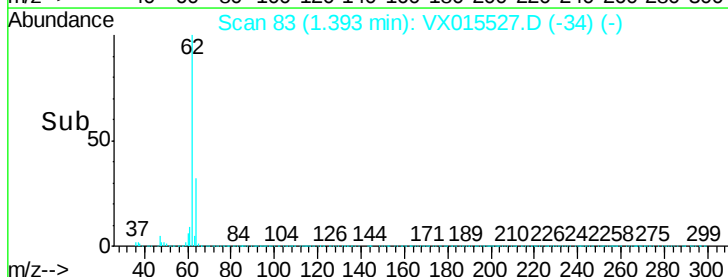
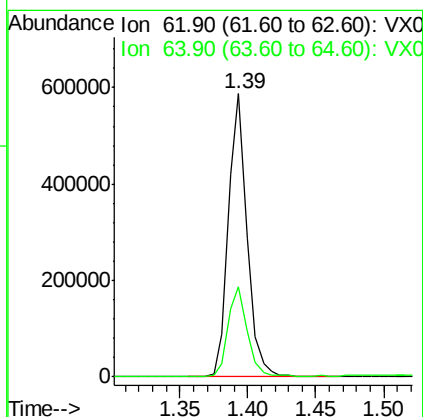
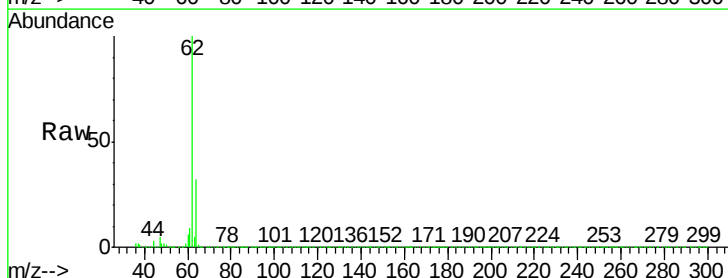
Acq: 06 Apr 2020 20:43

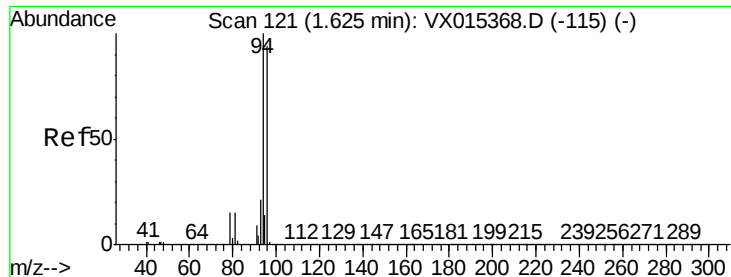
Tgt Ion: 62 Resp: 556300

Ion Ratio Lower Upper

62 100

64 31.9 26.0 39.0





#5

Bromomethane

Concen: 50.917 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

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ClientSampleId :

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Tot Ion: 94 Resp: 264821

Ion Ratio Lower Upper

94 100

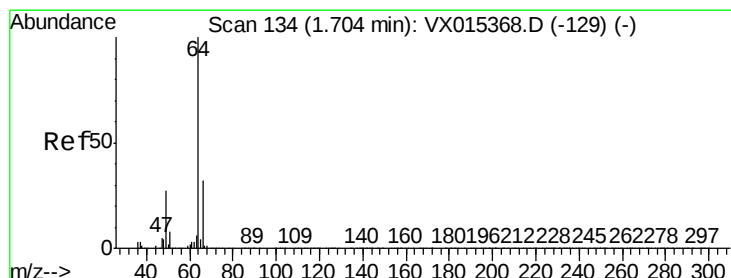
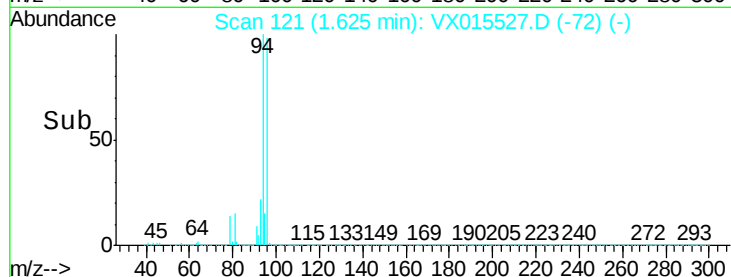
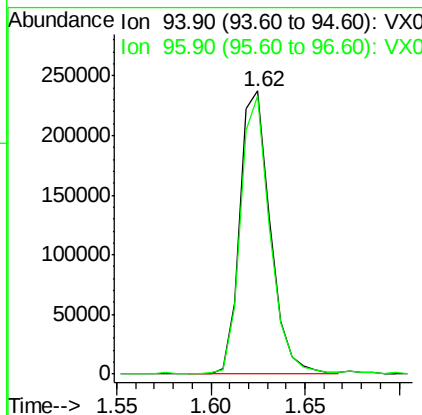
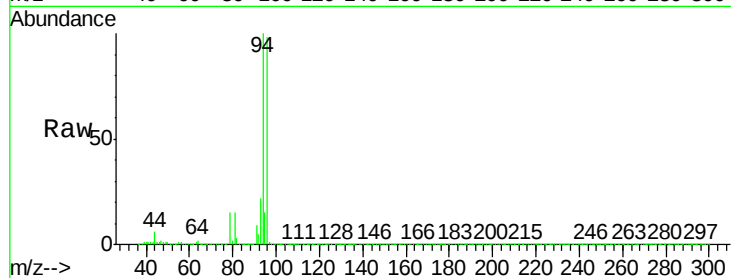
96 98.1 74.8 112.2

Manual Integrations

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#6

Chloroethane

Concen: 49.416 ug/l

RT: 1.70 min Scan# 134

Delta R.T. 0.00 min

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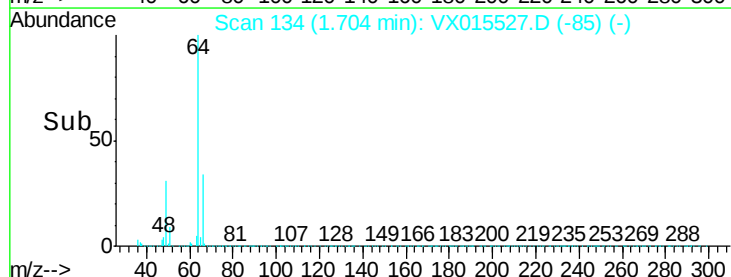
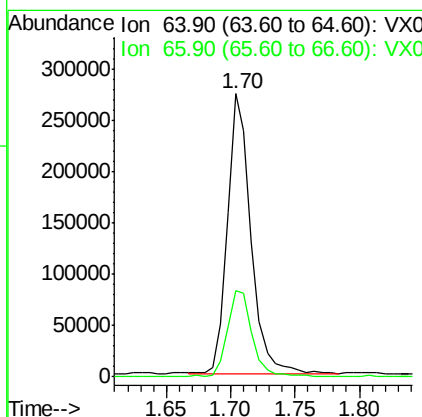
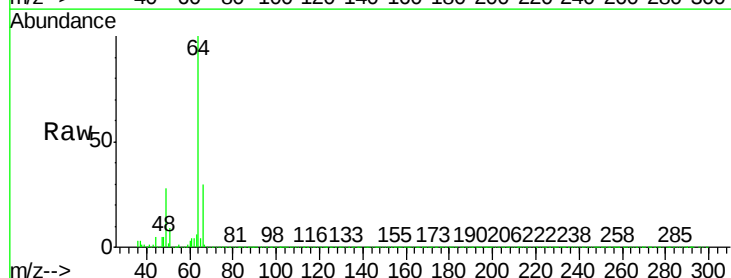
Acq: 06 Apr 2020 20:43

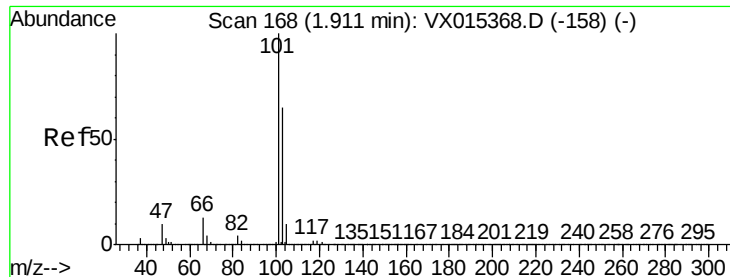
Tgt Ion: 64 Resp: 346808

Ion Ratio Lower Upper

64 100

66 30.5 25.4 38.2





#7

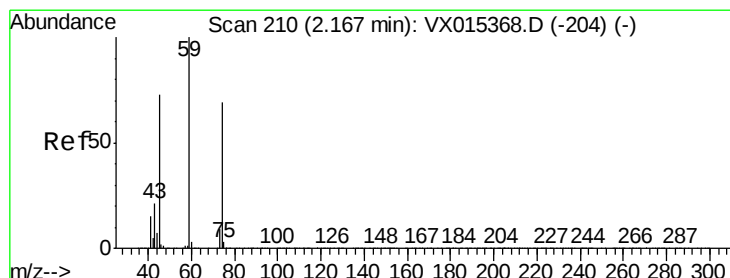
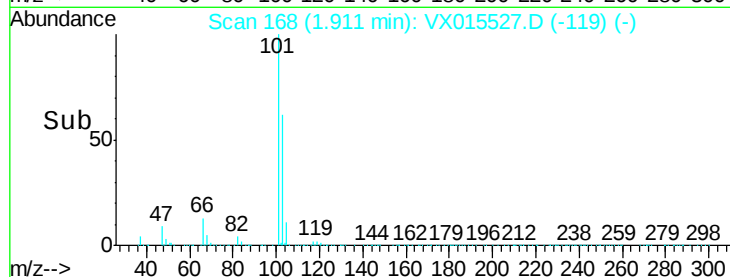
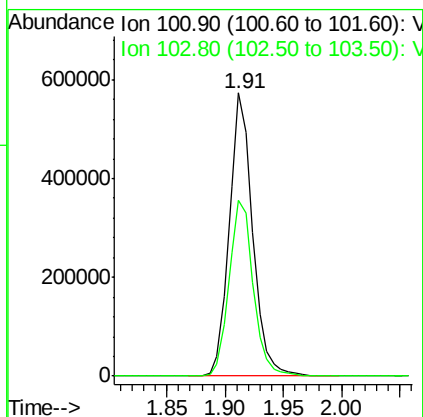
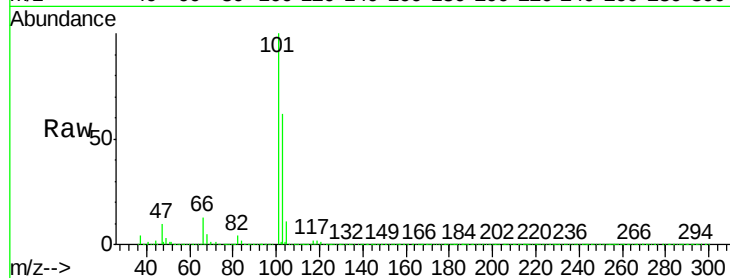
Trichlorofluoromethane
Concen: 52.628 ug/l
RT: 1.91 min Scan# 168
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.1	52.3	78.5

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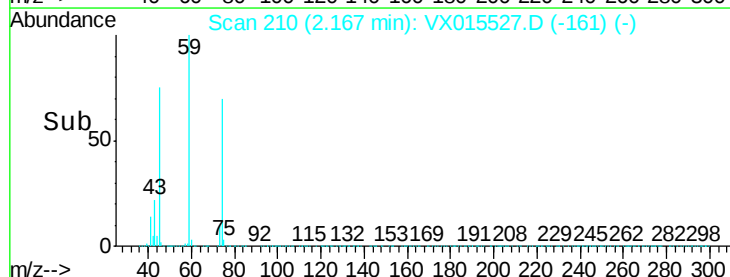
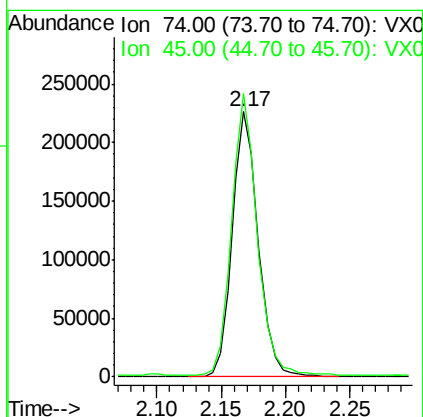
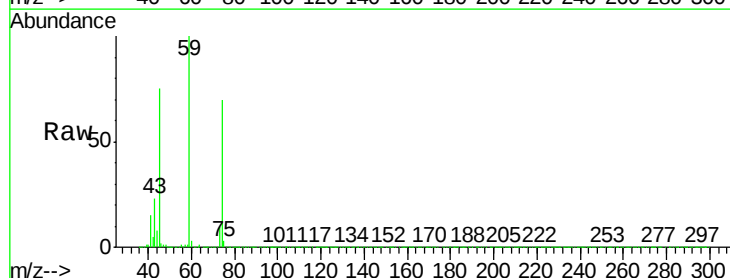
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#8

Diethyl Ether
Concen: 49.485 ug/l
RT: 2.17 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX015527.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	105.9	53.8	161.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 52.527 ug/l

RT: 2.36 min Scan# 242

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

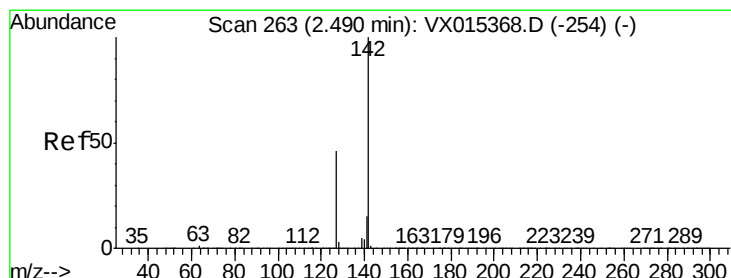
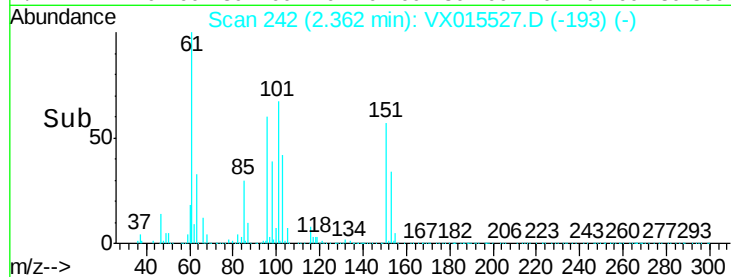
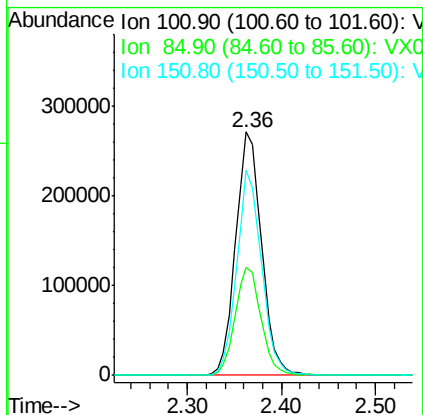
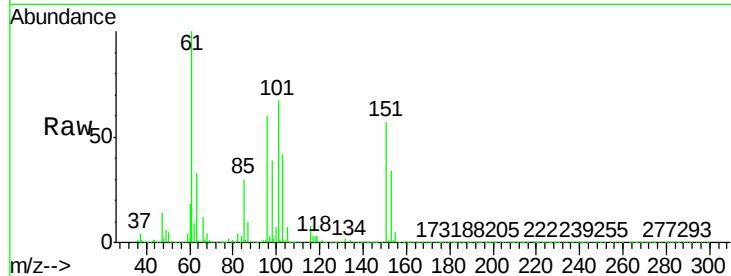
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	519658
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.0	52.4
151	80.8	64.1	96.1

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#10

Methyl Iodide

Concen: 56.859 ug/l

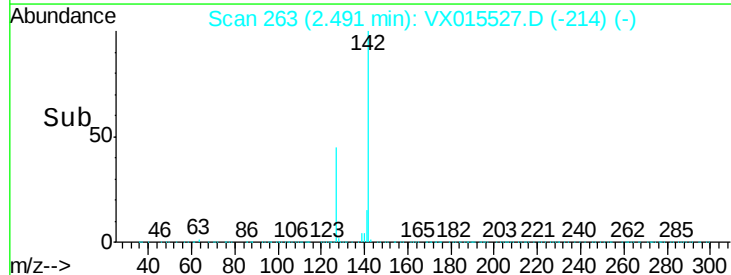
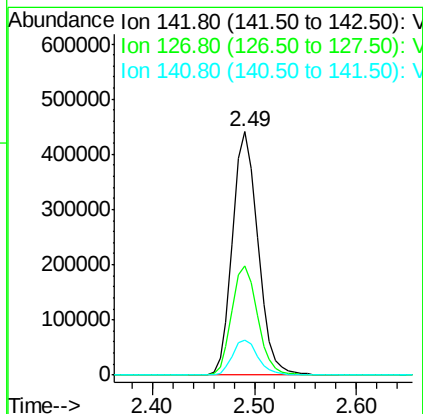
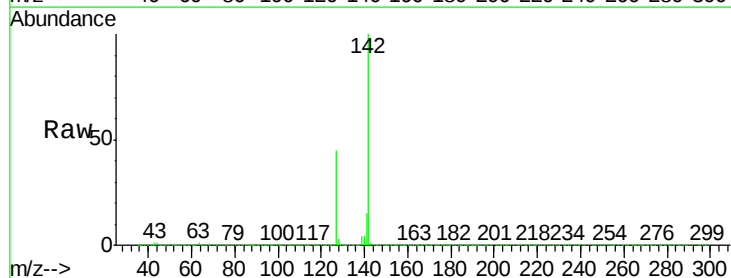
RT: 2.49 min Scan# 263

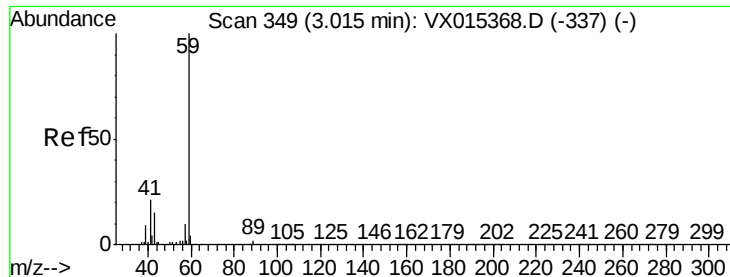
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	142	Resp:	758403
Ion Ratio	Lower	Upper	
142	100		
127	45.6	35.9	53.9
141	14.7	11.6	17.4





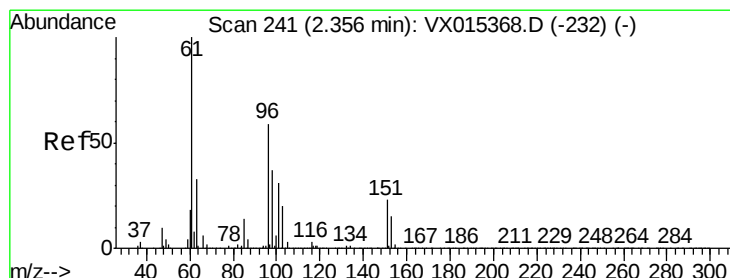
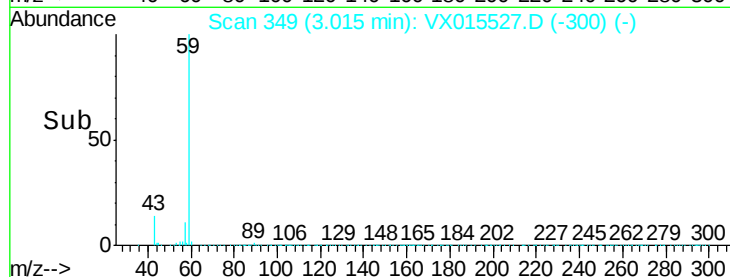
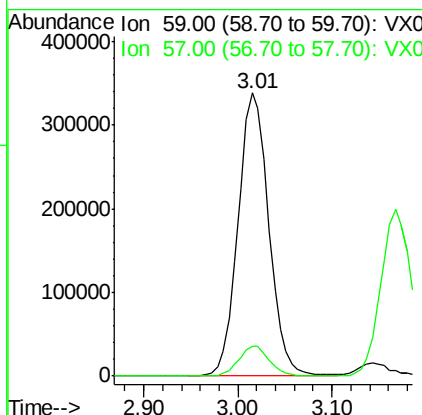
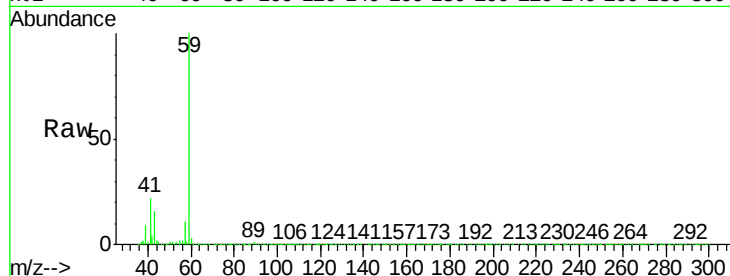
#11
Tert butyl alcohol
Concen: 206.576 ug/l
RT: 3.01 min Scan# 349
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	8.1	12.1

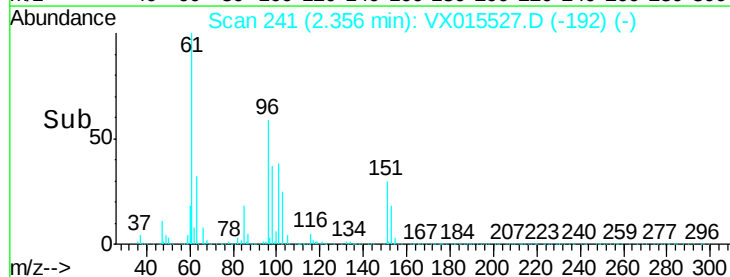
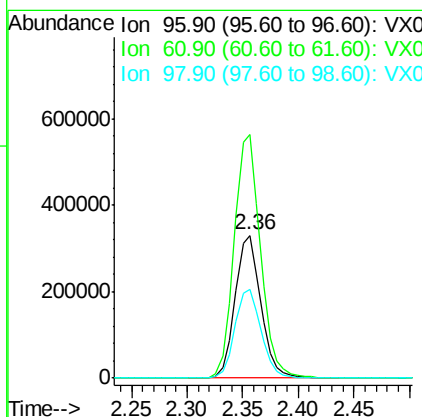
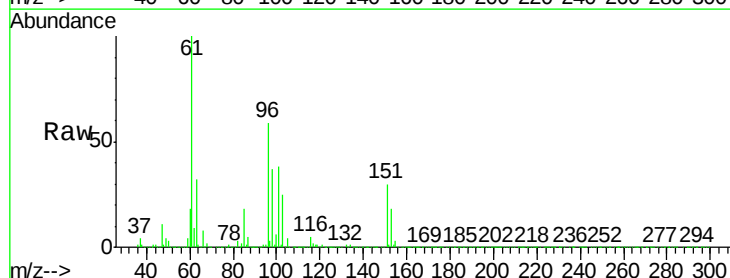
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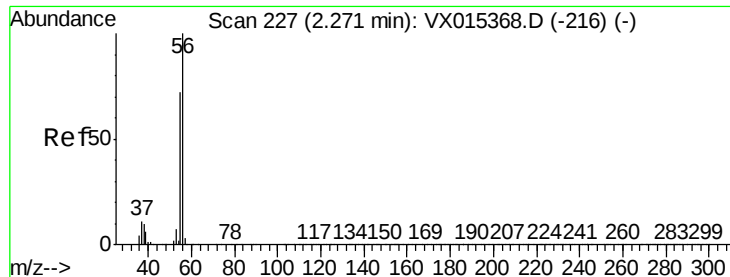
MMDadoda
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#12
1,1-Dichloroethene
Concen: 50.661 ug/l
RT: 2.36 min Scan# 241
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
96	100		
61	170.0	135.7	203.5
98	62.4	50.6	75.8





#13

Acrolein

Concen: 288.997 ug/l

RT: 2.27 min Scan# 227

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 610441

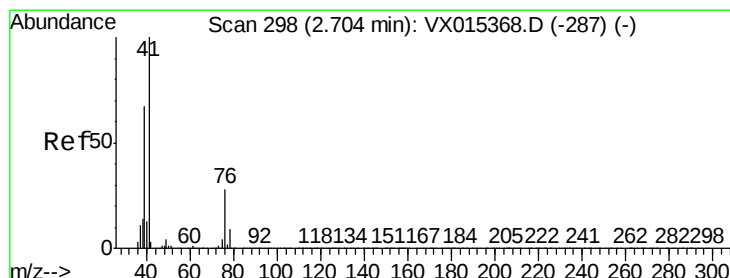
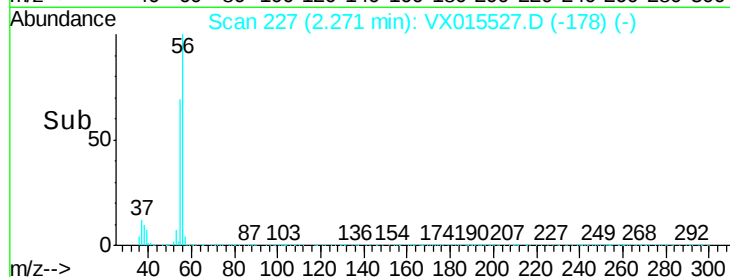
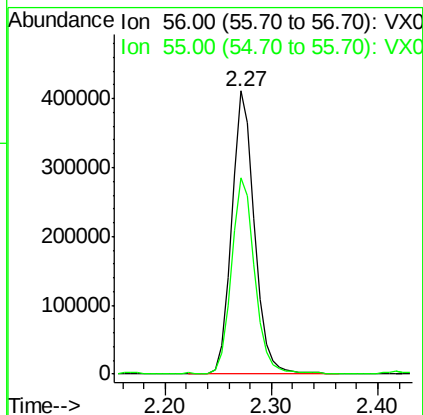
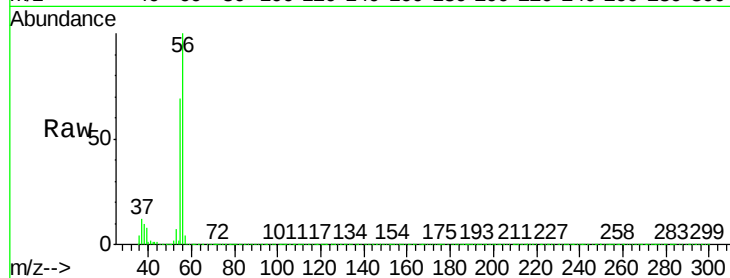
Ion Ratio Lower Upper

56 100

55 70.9 57.0 85.4

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#14

Allyl chloride

Concen: 48.293 ug/l

RT: 2.70 min Scan# 298

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

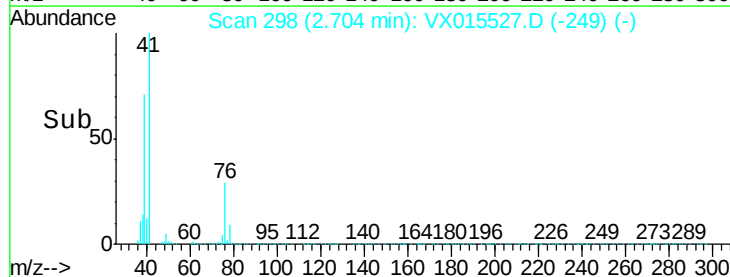
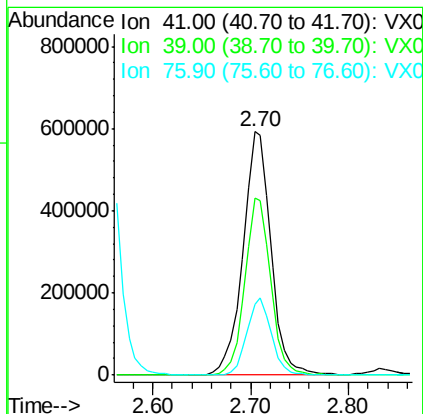
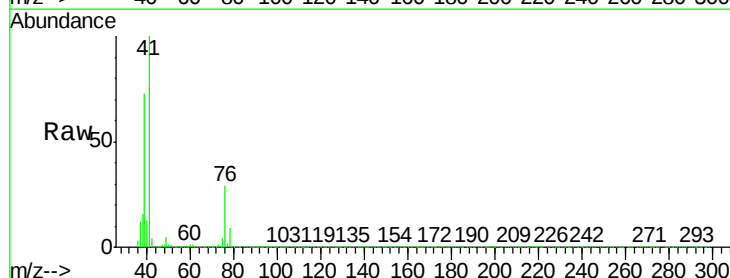
Tgt Ion: 41 Resp: 1170164

Ion Ratio Lower Upper

41 100

39 67.0 51.4 77.0

76 27.5 21.8 32.8





#15

Acrylonitrile

Concen: 243.430 ug/l

RT: 3.12 min Scan# 366

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 53 Resp: 1721424

Ion Ratio Lower Upper

53 100

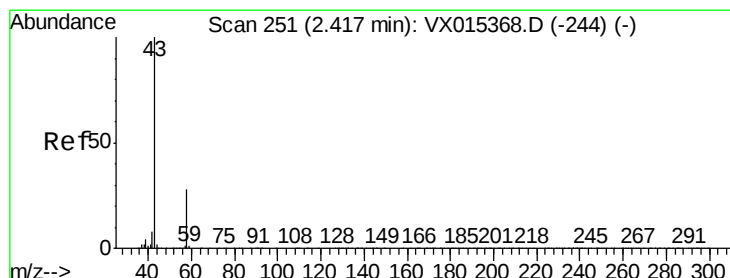
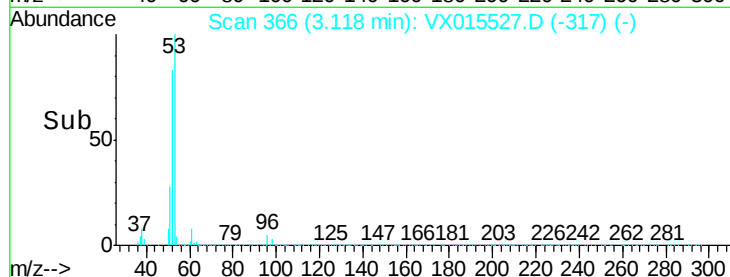
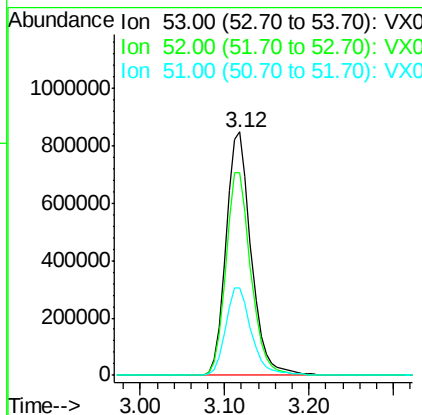
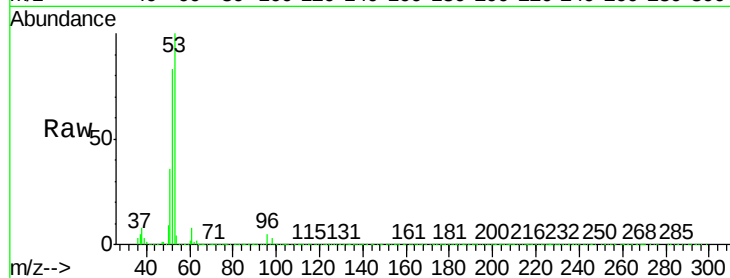
52 83.0 66.8 100.2

51 37.1 29.5 44.3

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#16

Acetone

Concen: 236.734 ug/l

RT: 2.42 min Scan# 251

Delta R.T. 0.00 min

Lab File: VX015527.D

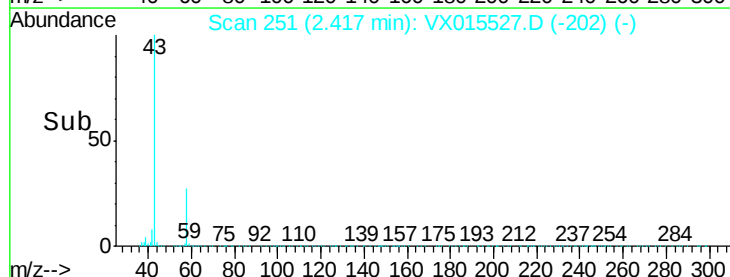
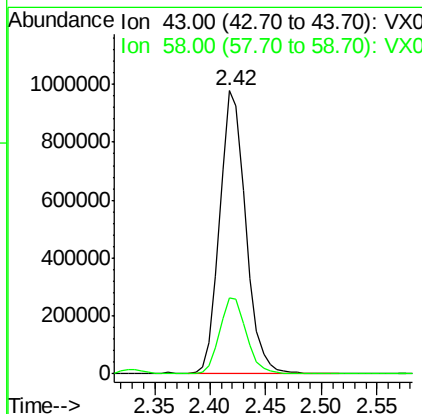
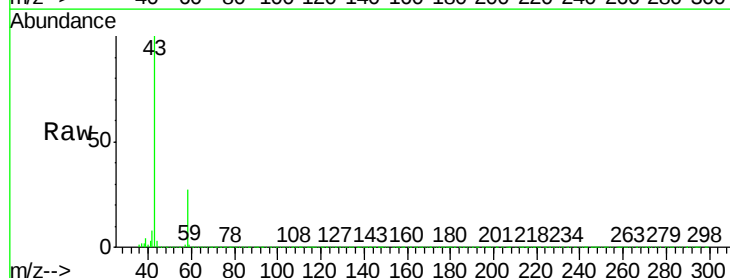
Acq: 06 Apr 2020 20:43

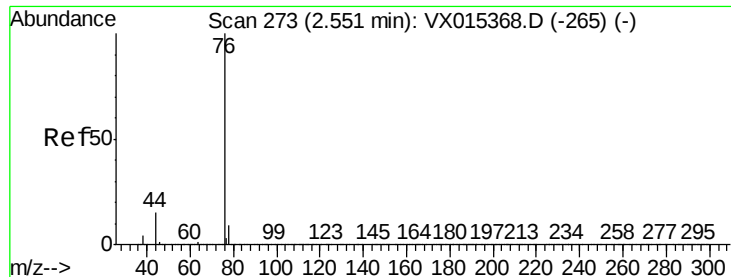
Tgt Ion: 43 Resp: 1575621

Ion Ratio Lower Upper

43 100

58 27.0 22.1 33.1





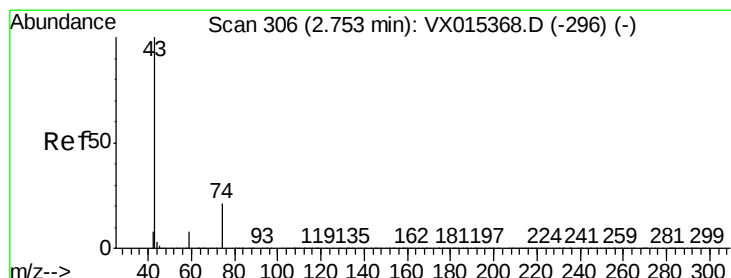
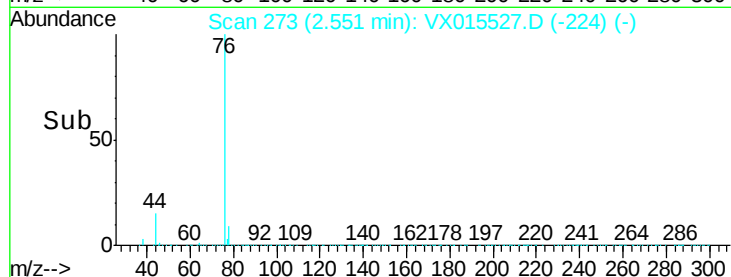
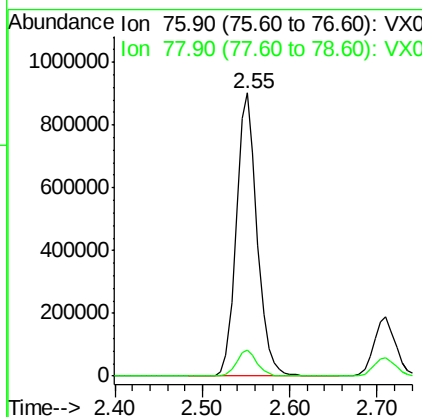
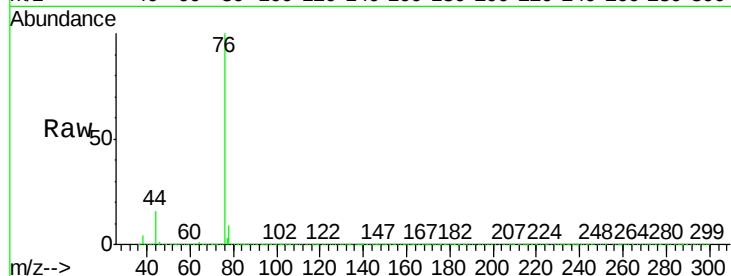
#17
Carbon Disulfide
Concen: 47.320 ug/l
RT: 2.55 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 76 Resp: 1496963
Ion Ratio Lower Upper
76 100
78 9.1 7.1 10.7

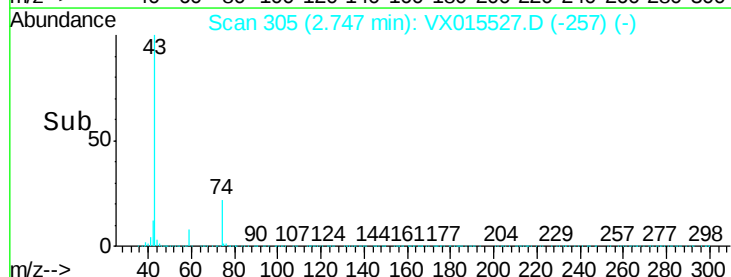
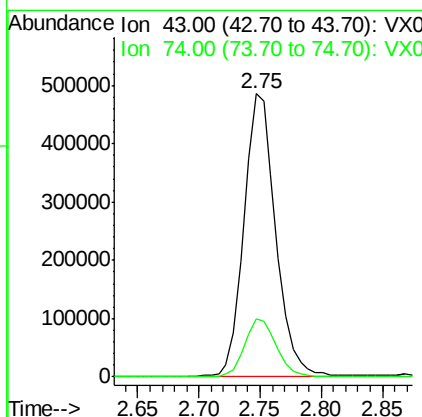
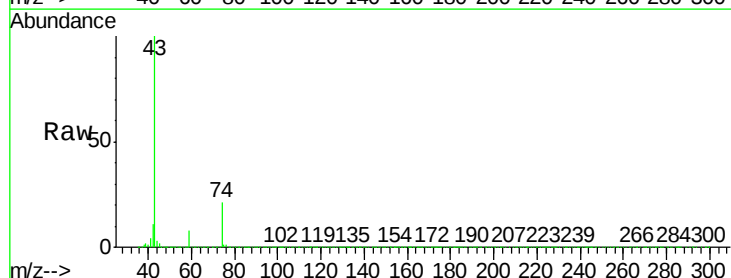
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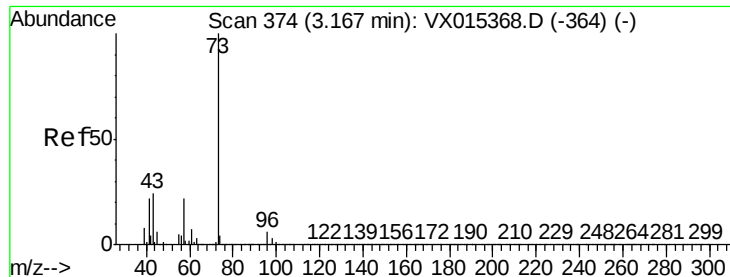
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#18
Methyl Acetate
Concen: 51.133 ug/l
RT: 2.75 min Scan# 305
Delta R.T. -0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 43 Resp: 868605
Ion Ratio Lower Upper
43 100
74 20.9 16.5 24.7





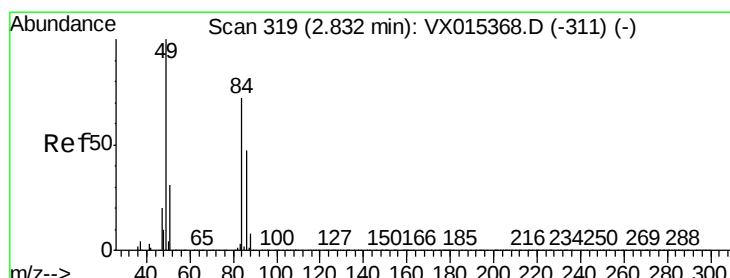
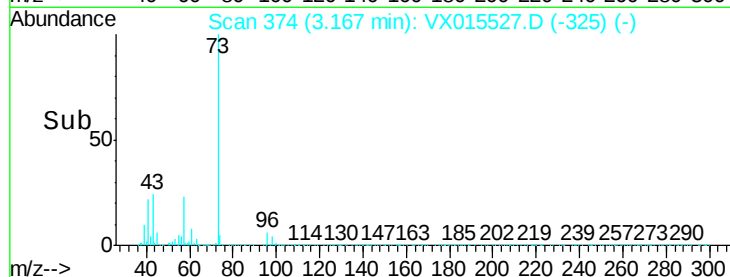
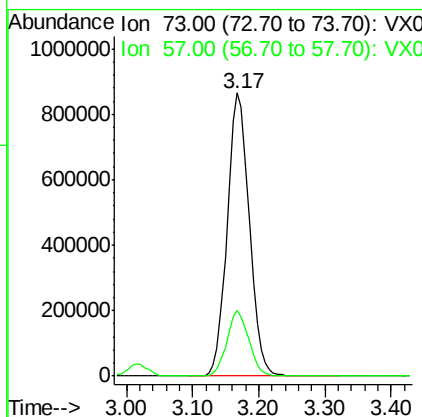
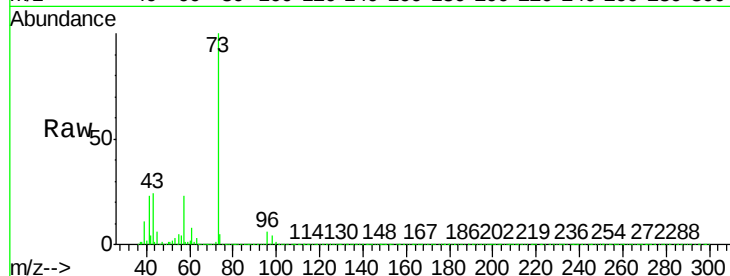
#19
Methvl tert-butvl Ether
Concen: 49.825 ug/l
RT: 3.17 min Scan# 374
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 2003922
Ion Ratio Lower Upper
73 100
57 23.1 17.9 26.9

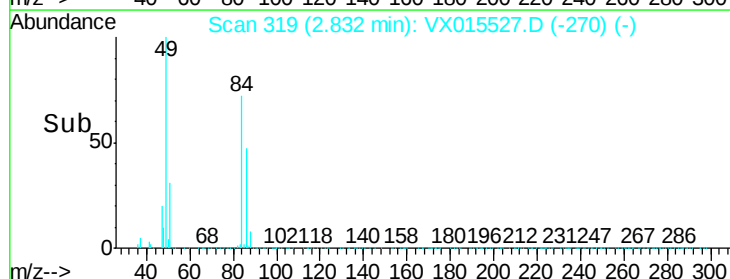
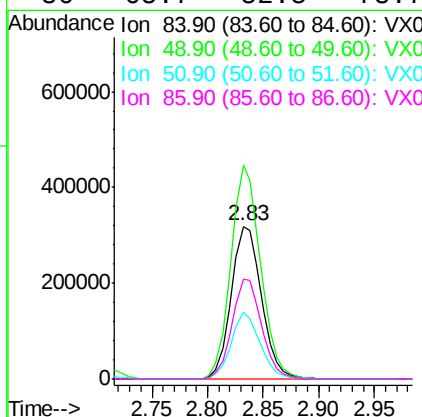
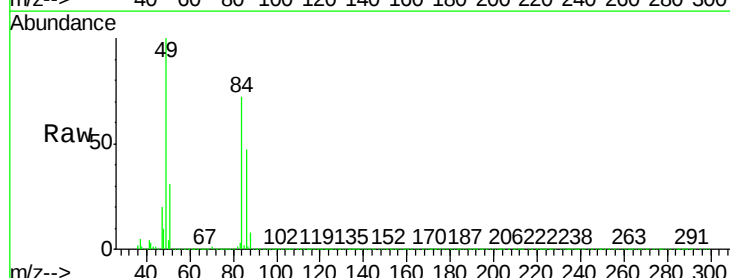
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#20
Methylene Chloride
Concen: 48.096 ug/l
RT: 2.83 min Scan# 319
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 84 Resp: 597924
Ion Ratio Lower Upper
84 100
49 139.7 111.3 166.9
51 43.0 34.0 51.0
86 65.7 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 48.861 ug/l

RT: 3.14 min Scan# 370

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

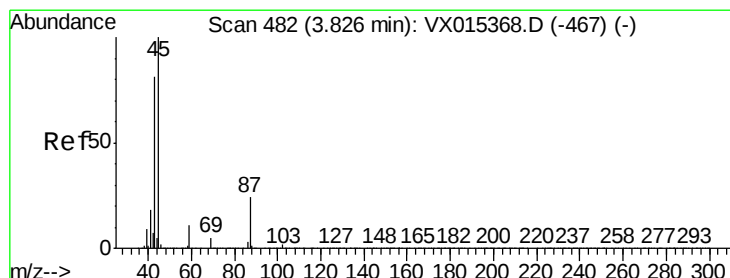
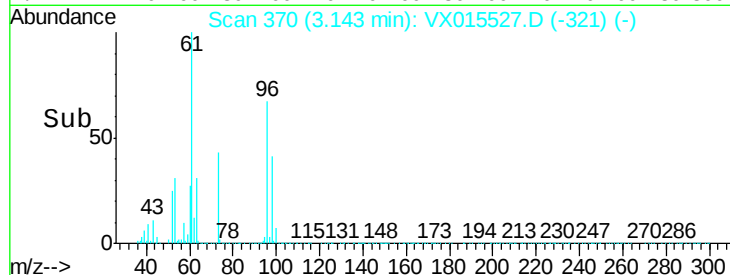
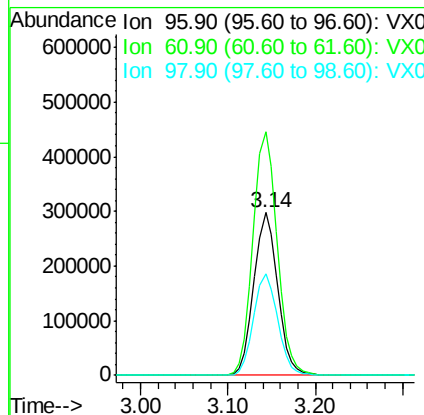
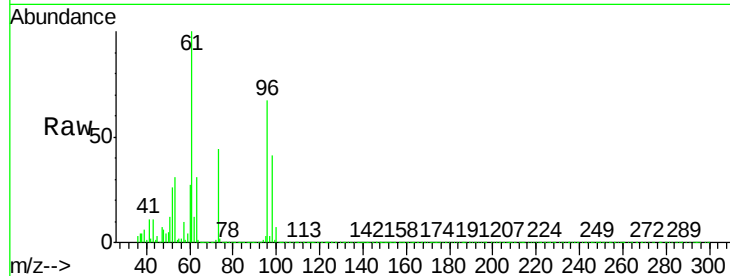
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	562337
Ion	Ratio	Lower	Upper
96	100		
61	149.7	116.9	175.3
98	62.1	48.6	73.0

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#22

Diisopropyl ether

Concen: 50.180 ug/l

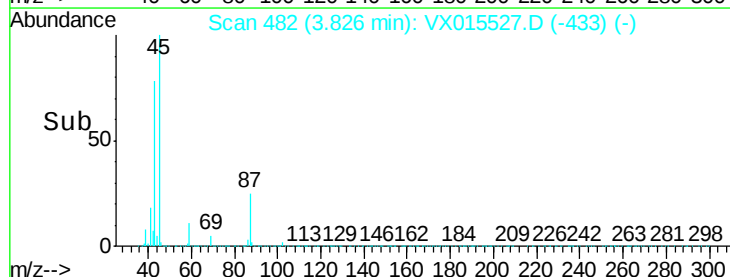
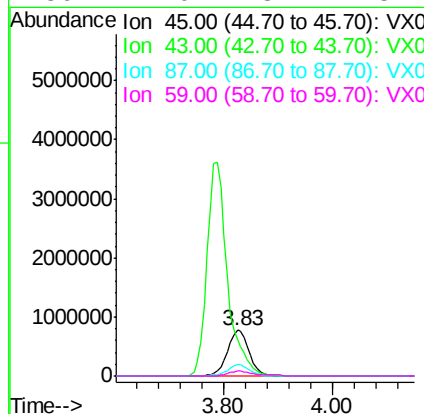
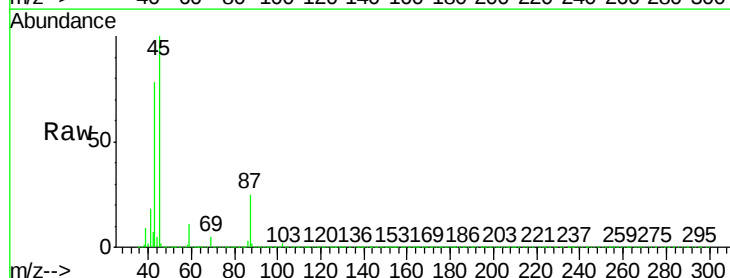
RT: 3.83 min Scan# 482

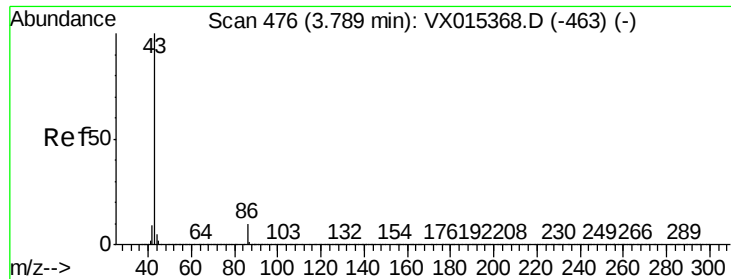
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	45	Resp:	2154545
Ion	Ratio	Lower	Upper
45	100		
43	77.7	64.7	97.1
87	24.6	19.4	29.0
59	11.0	8.7	13.1





#23

Vinyl Acetate

Concen: 243.152 ug/l

RT: 3.79 min Scan# 476

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 9452528

Ion Ratio Lower Upper

43 100

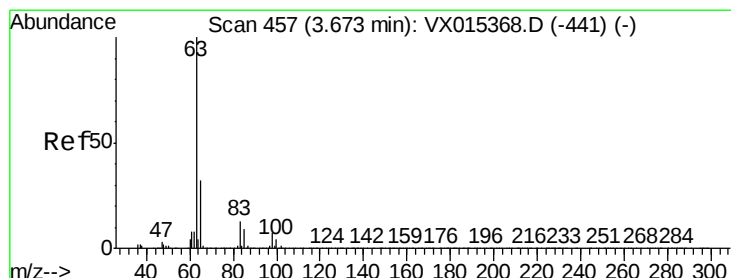
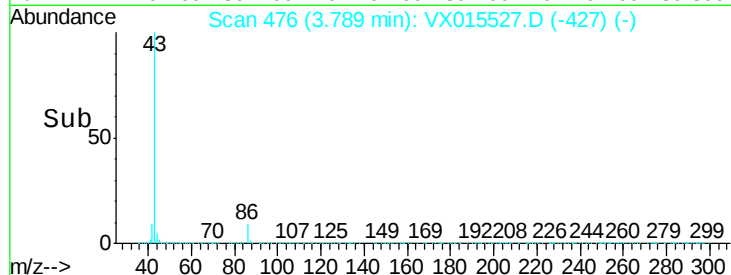
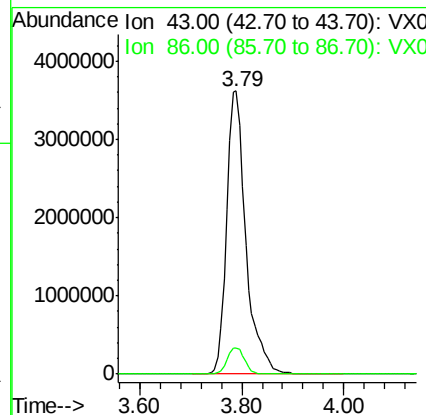
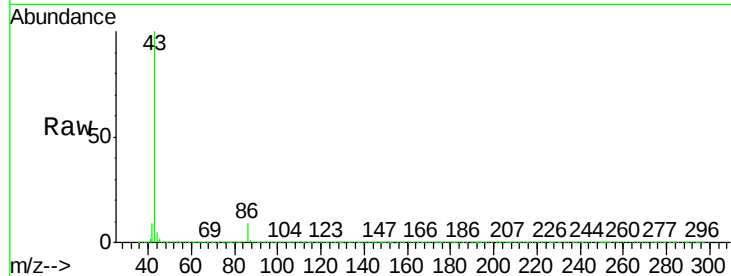
86 9.4 7.8 11.6

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#24

1,1-Dichloroethane

Concen: 49.536 ug/l

RT: 3.67 min Scan# 457

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

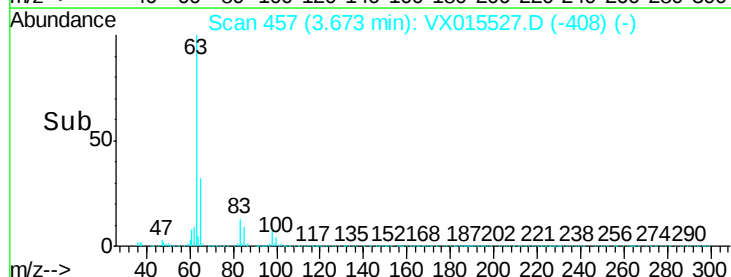
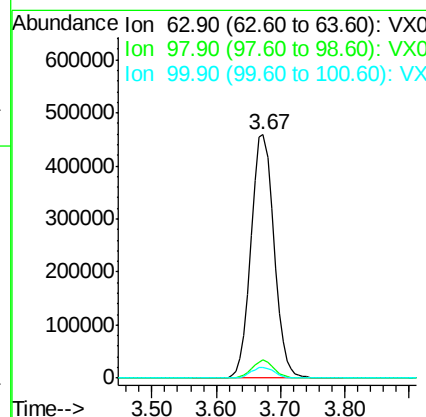
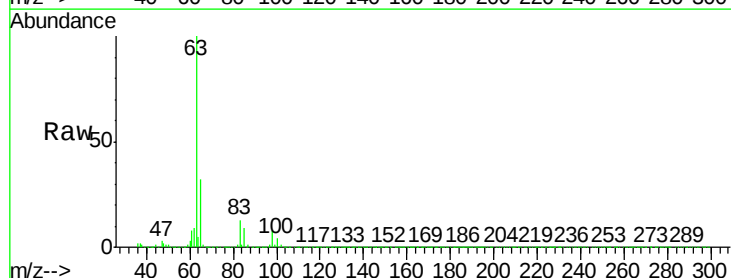
Tgt Ion: 63 Resp: 1119840

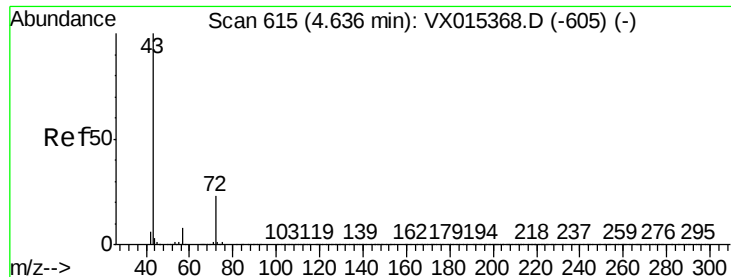
Ion Ratio Lower Upper

63 100

98 7.5 3.3 9.8

100 4.1 2.1 6.5





#25

2-Butanone

Concen: 235.269 ug/l

RT: 4.64 min Scan# 615

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tot Ion: 43 Resp: 2518245

Ion Ratio Lower Upper

43 100

72 23.0 19.0 28.4

Instrument :

MSVOA_X

ClientSampled :

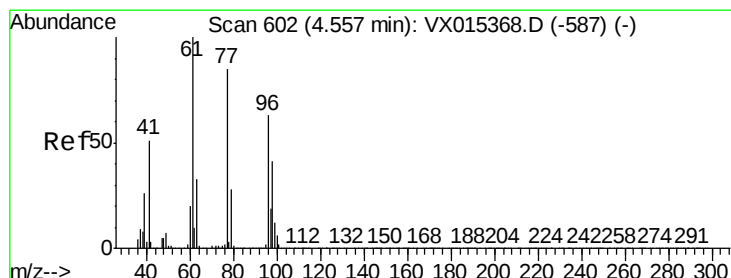
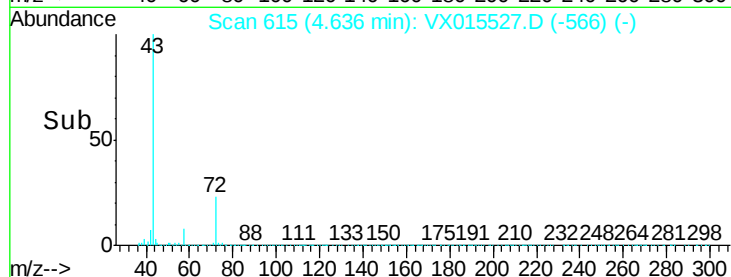
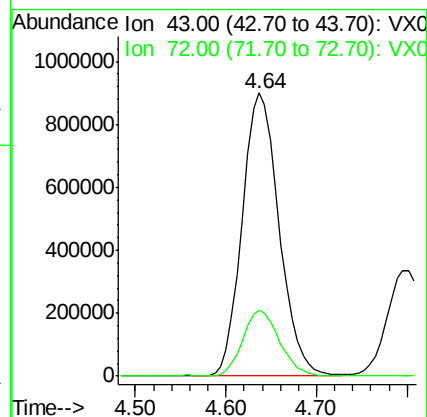
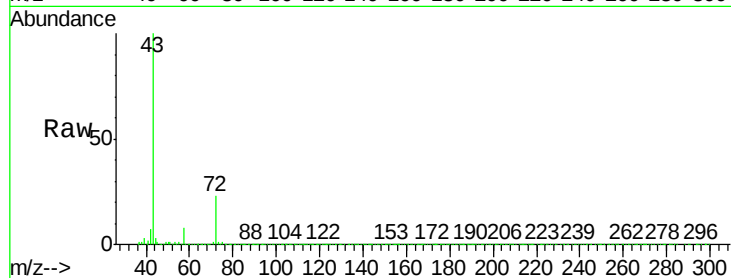
VSTDCCC050EC

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 49.121 ug/l

RT: 4.56 min Scan# 602

Delta R.T. 0.00 min

Lab File: VX015527.D

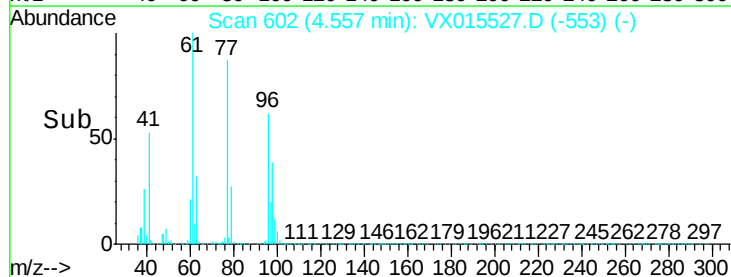
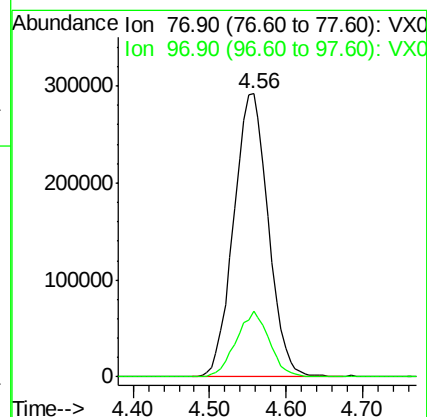
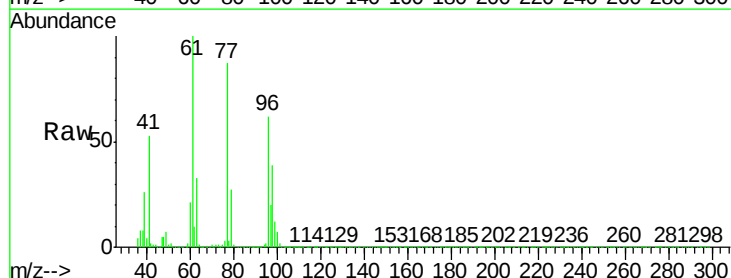
Acq: 06 Apr 2020 20:43

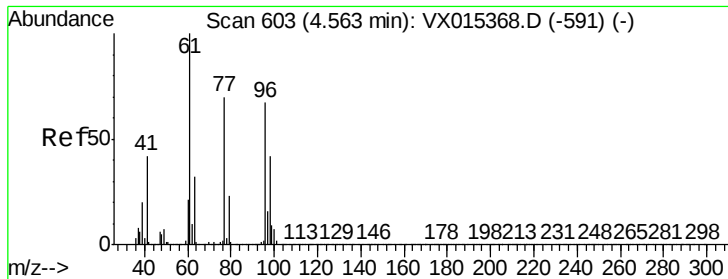
Tgt Ion: 77 Resp: 911485

Ion Ratio Lower Upper

77 100

97 22.2 11.3 33.8





#27

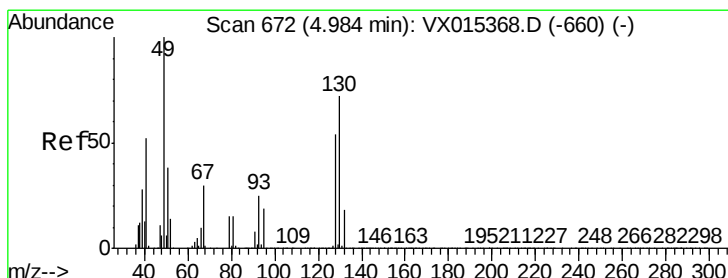
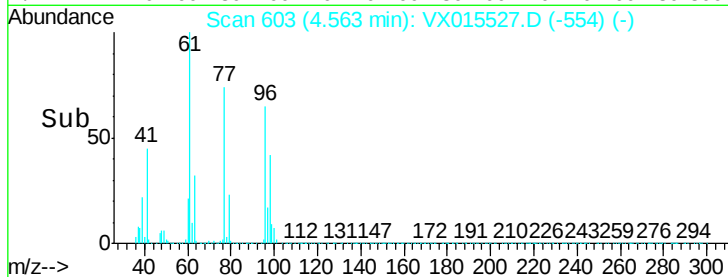
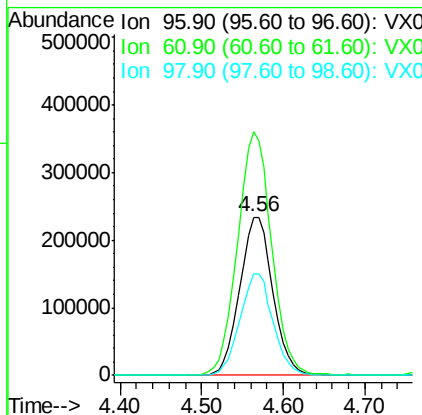
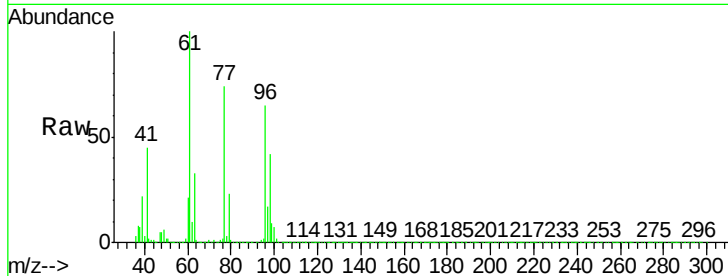
cis-1,2-Dichloroethene
Concen: 49.442 ug/l
RT: 4.56 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	658324		
61	158.0	0.0	308.4	
98	64.0	0.0	129.2	

Manual Integrations
APPROVED

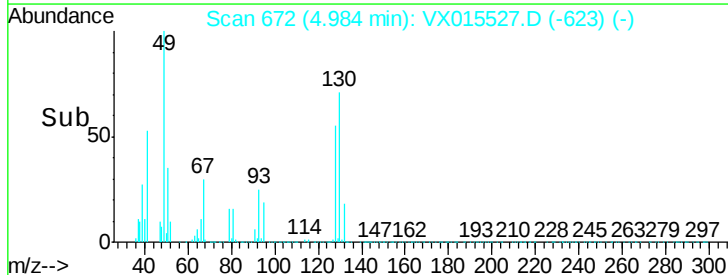
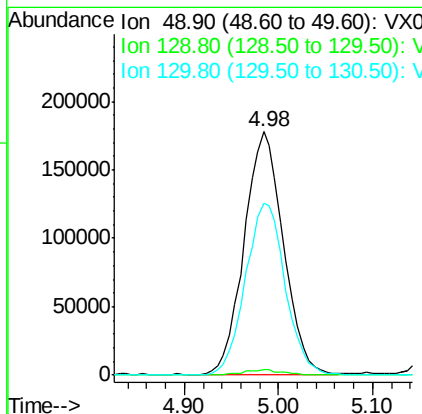
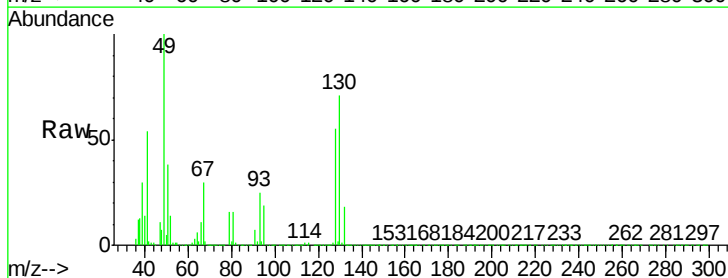
MMDadoda
4/7/2020 11:58:41 AM

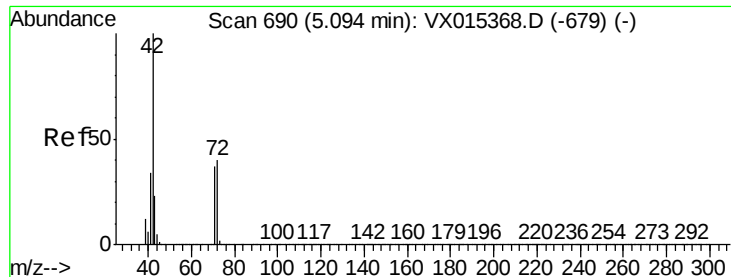


#28

Bromochloromethane
Concen: 47.978 ug/l
RT: 4.98 min Scan# 672
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	517856		
129	2.3	0.0	4.4	
130	71.7	57.7	86.5	





#29

Tetrahydrofuran

Concen: 236.827 ug/l

RT: 5.09 min Scan# 690

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 42 Resp: 1629636

Ion Ratio Lower Upper

42 100

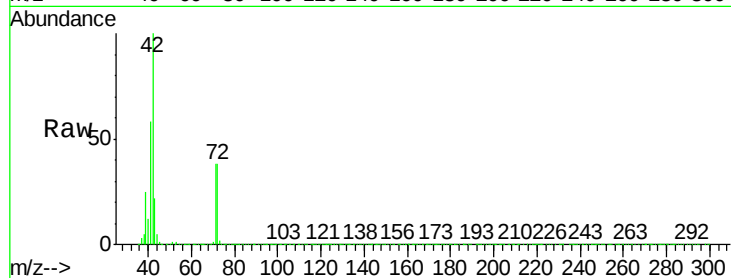
72 39.6 31.7 47.5

71 37.1 29.6 44.4

Manual Integrations
APPROVED

MMDadoda

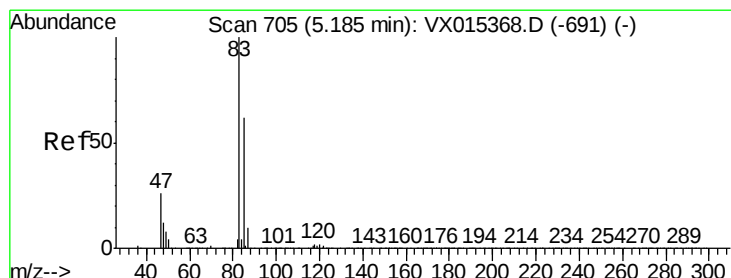
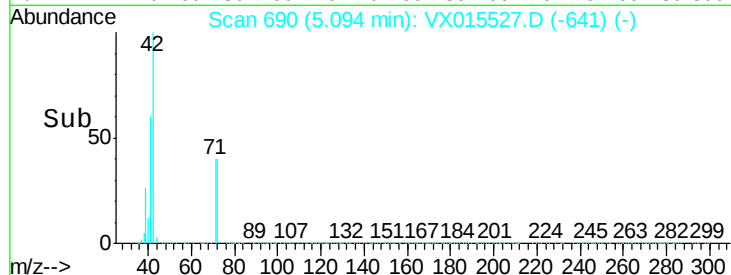
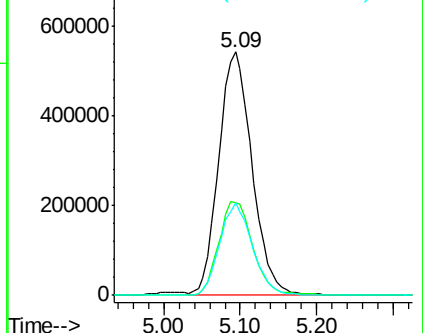
4/7/2020 11:58:41 AM



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.520 ug/l

RT: 5.18 min Scan# 704

Delta R.T. -0.01 min

Lab File: VX015527.D

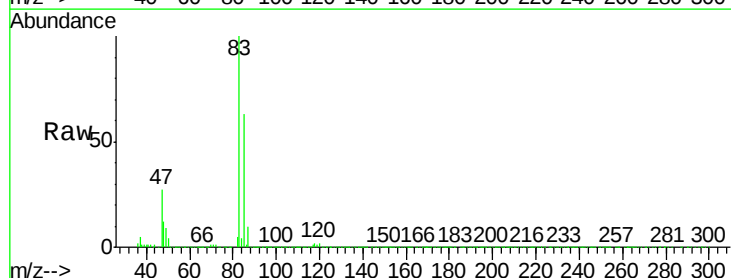
Acq: 06 Apr 2020 20:43

Tgt Ion: 83 Resp: 1098787

Ion Ratio Lower Upper

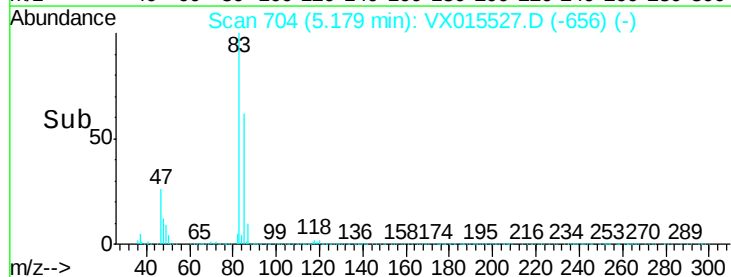
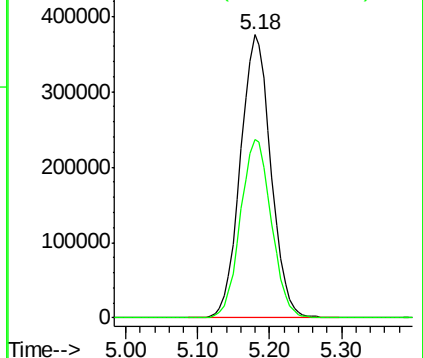
83 100

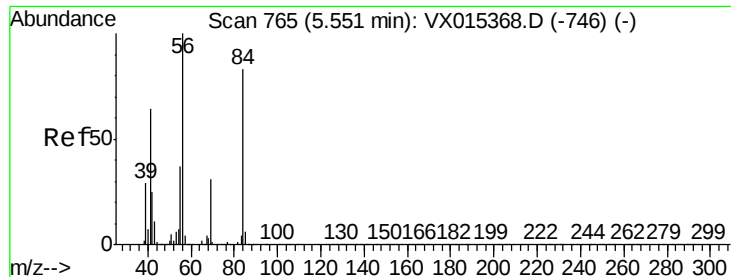
85 62.9 49.5 74.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





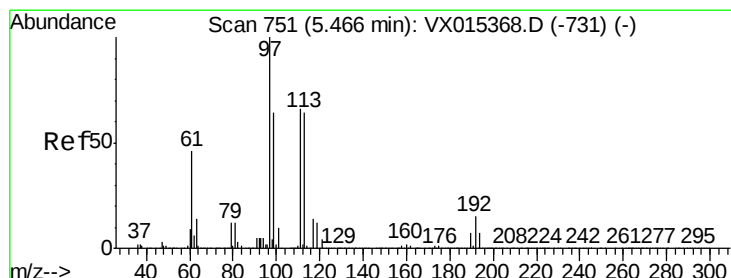
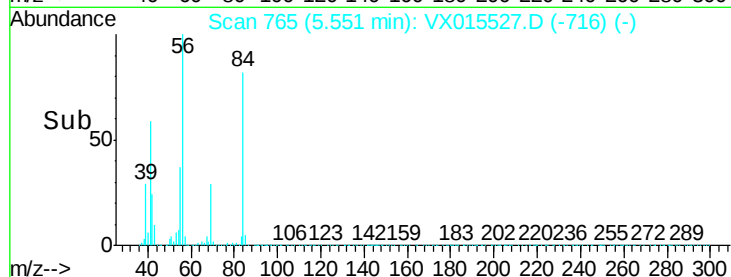
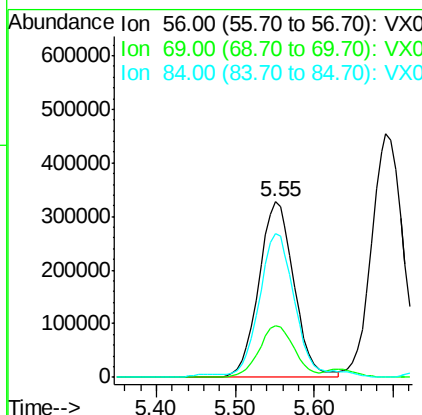
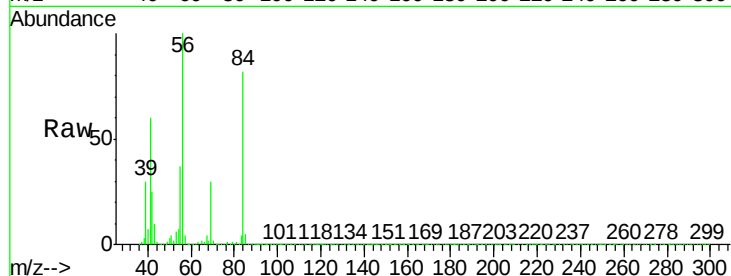
#31
Cyclohexane
Concen: 51.490 ug/l
RT: 5.55 min Scan# 765
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.4	24.6	36.8
84	81.0	66.1	99.1

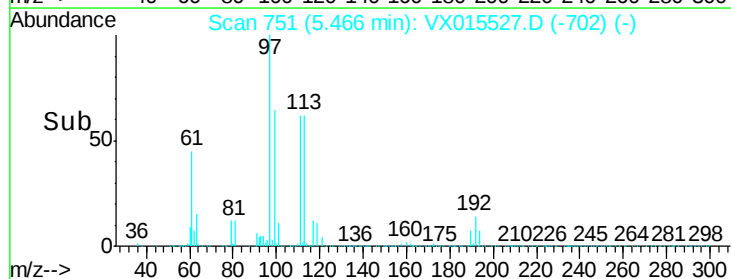
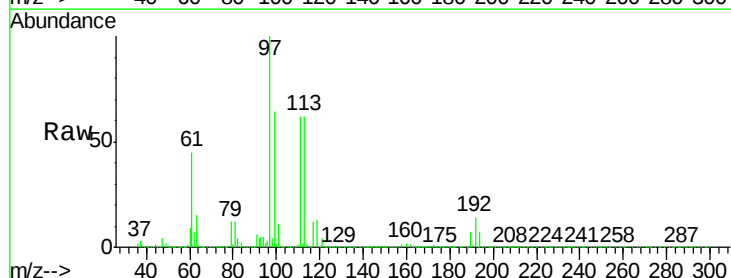
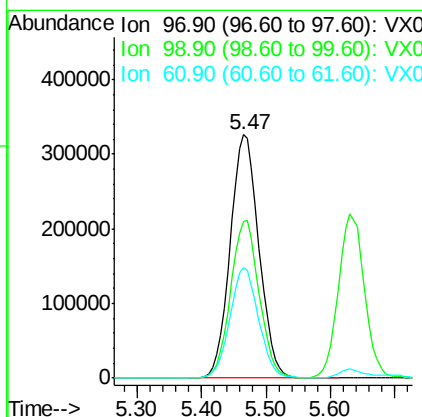
Manual Integrations
APPROVED

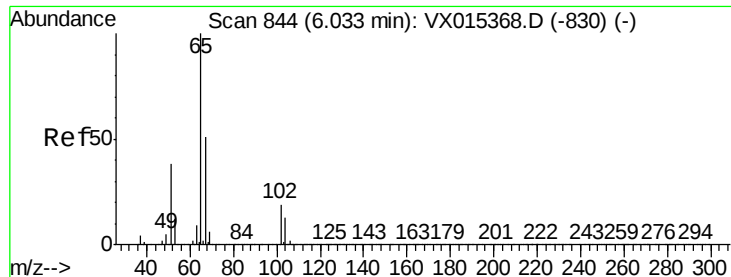
MMDadoda
4/7/2020 11:58:41 AM



#32
1,1,1-Trichloroethane
Concen: 51.549 ug/l
RT: 5.47 min Scan# 751
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.0	76.4
61	45.0	36.1	54.1





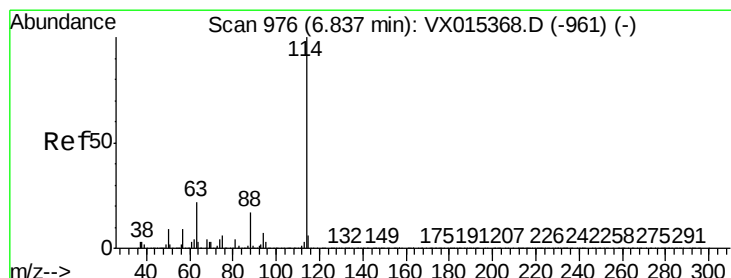
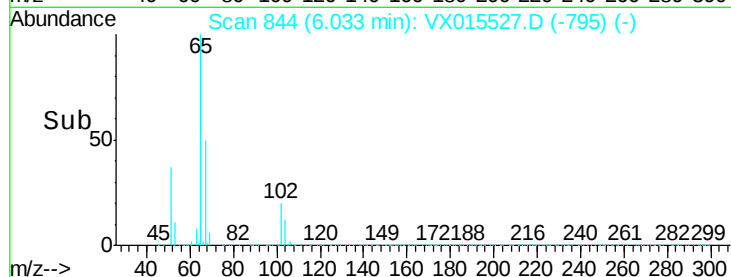
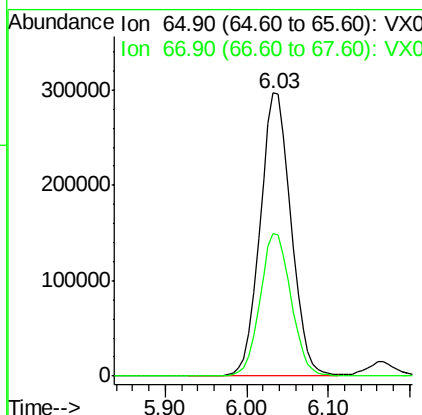
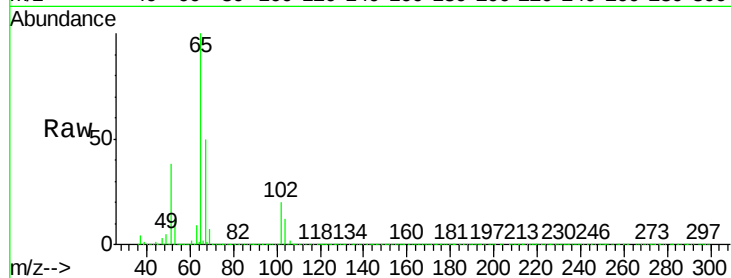
#33
 1,2-Dichloroethane-d4
 Concen: 50.656 ug/l
 RT: 6.03 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	784758		
67	49.9	0.0	102.6	

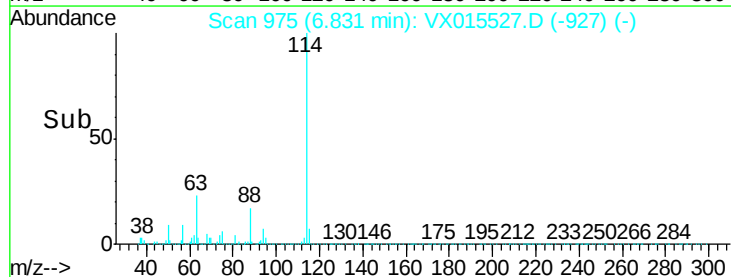
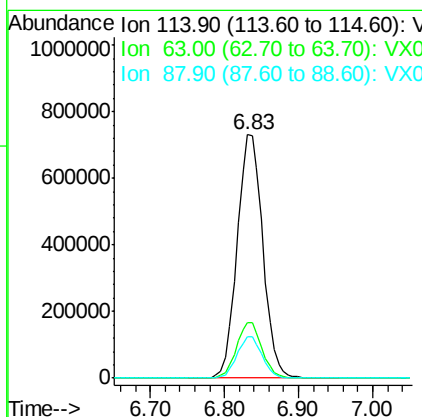
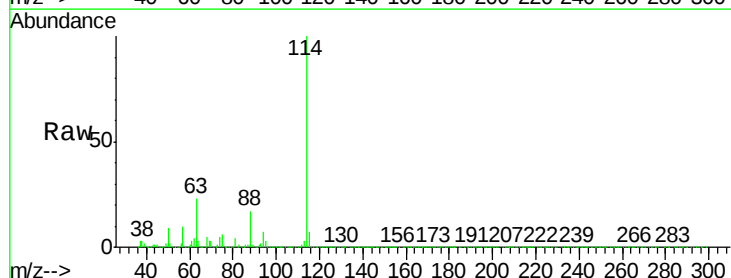
Manual Integrations
 APPROVED

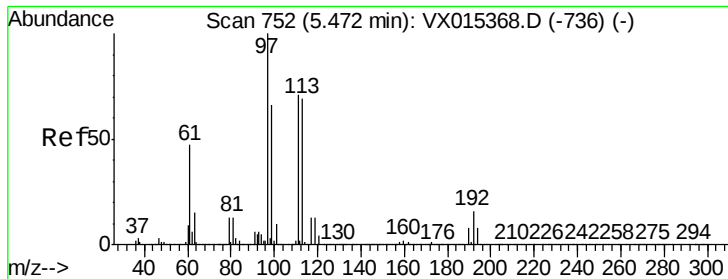
MMDadoda
 4/7/2020 11:58:41 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 975
 Delta R.T. -0.01 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	1768301		
63	22.6	0.0	44.2	
88	17.0	0.0	33.8	





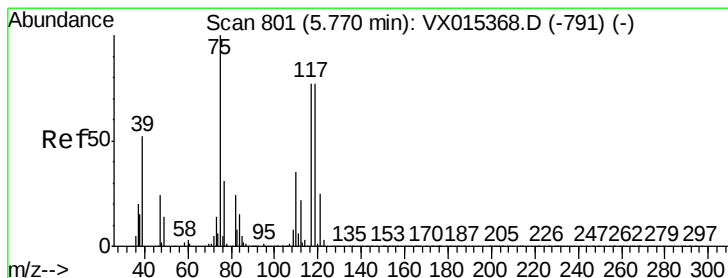
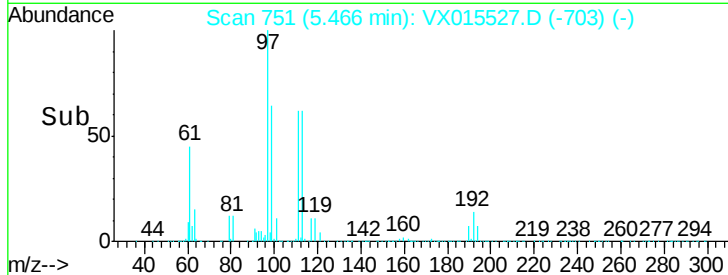
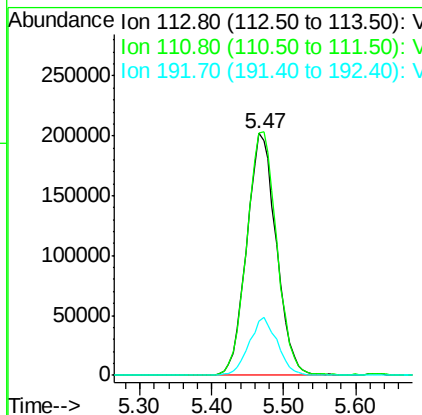
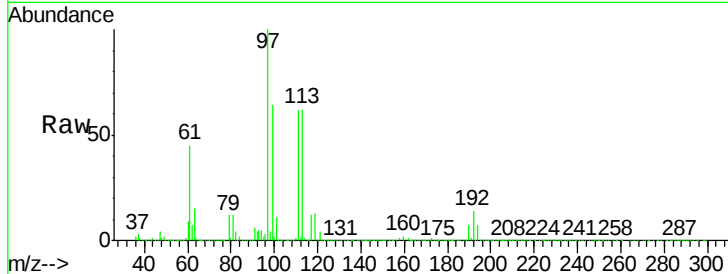
#35
Dibromofluoromethane
Concen: 50.928 ug/l
RT: 5.47 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	575662		
111	101.5	81.5	122.3	
192	23.1	17.8	26.6	

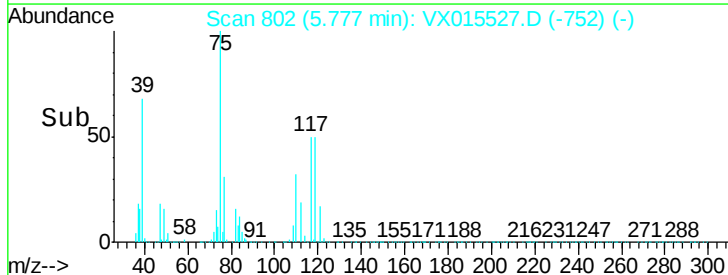
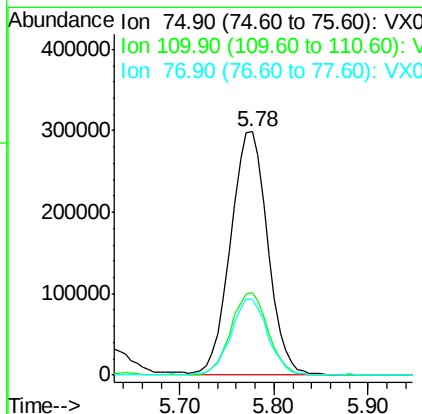
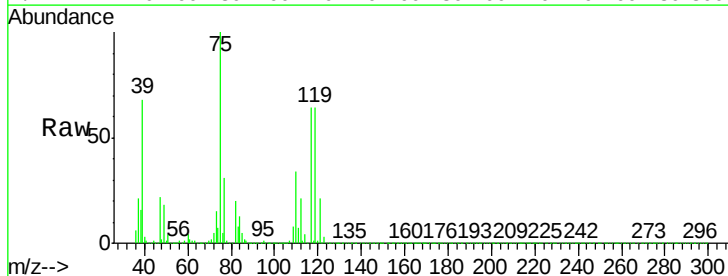
Manual Integrations
APPROVED

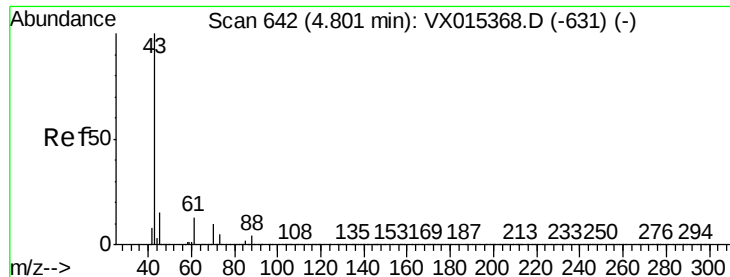
MMDadoda
4/7/2020 11:58:41 AM



#36
1,1-Dichloropropene
Concen: 50.114 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	816497		
110	34.0	17.1	51.3	
77	30.7	24.6	36.8	





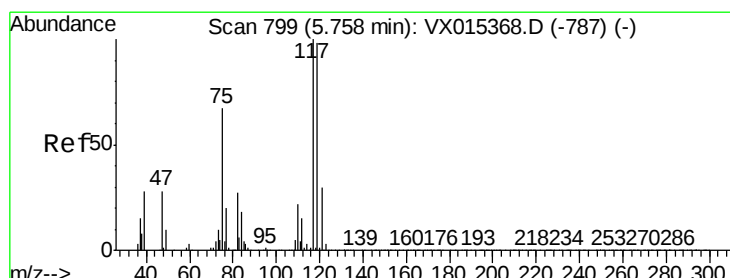
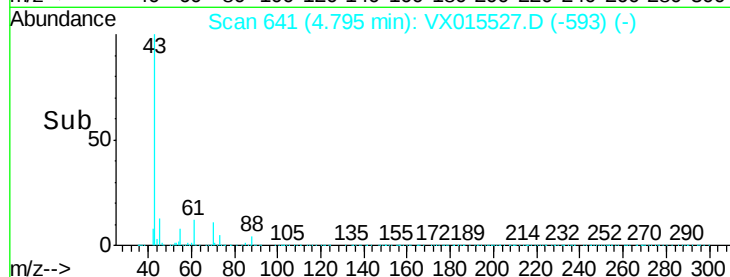
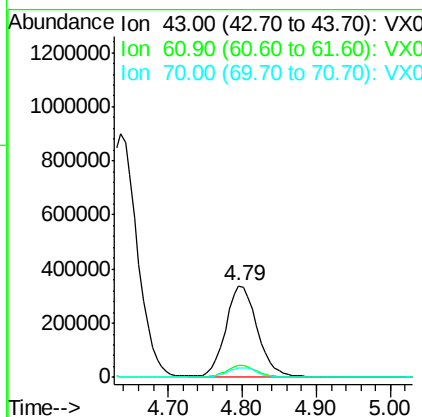
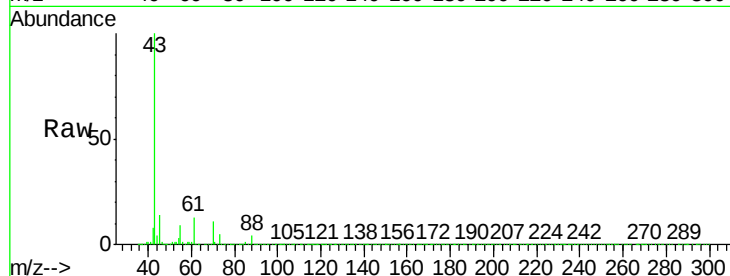
#37
Ethyl Acetate
Concen: 47.120 ug/l
RT: 4.79 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.3	9.9	14.9
70	10.2	8.1	12.1

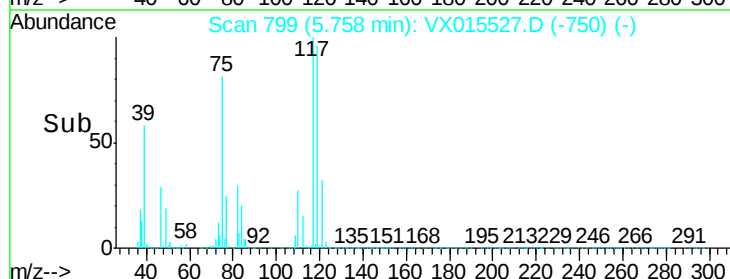
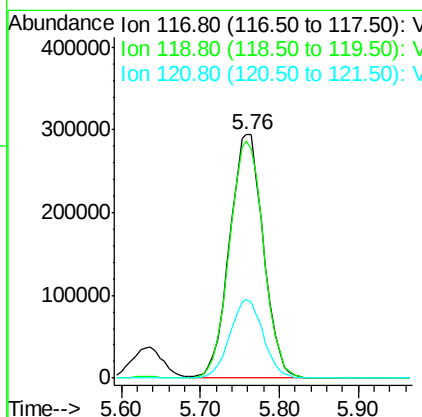
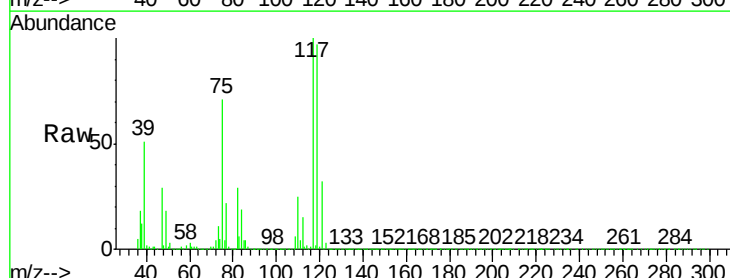
Manual Integrations
APPROVED

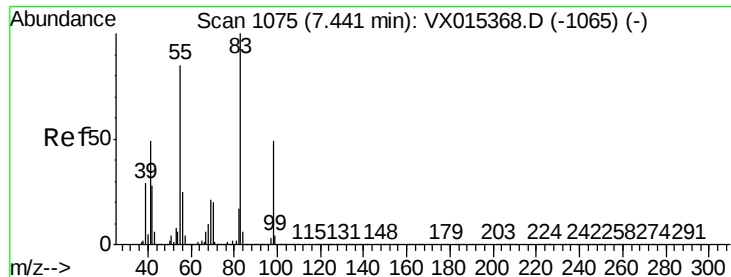
MMDadoda
4/7/2020 11:58:41 AM



#38
Carbon Tetrachloride
Concen: 49.558 ug/l
RT: 5.76 min Scan# 799
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.2	78.0	117.0
121	32.3	23.8	35.8





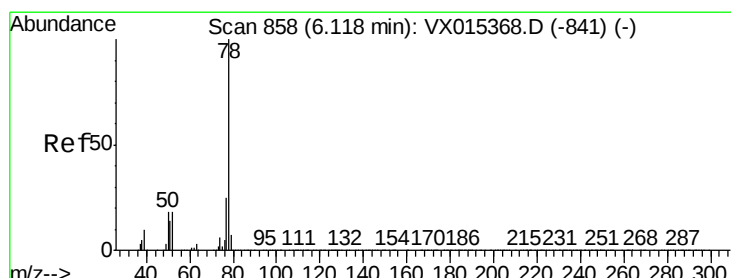
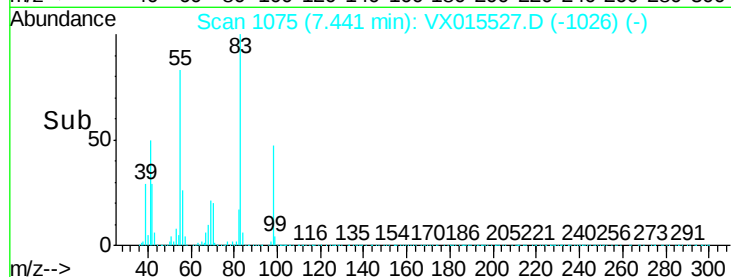
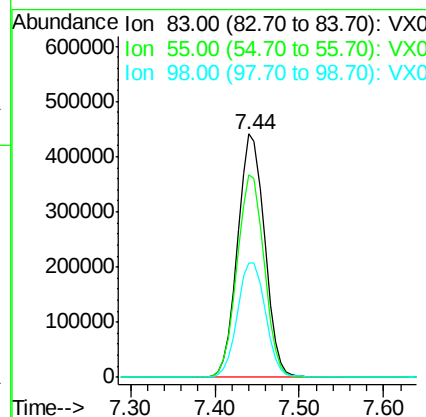
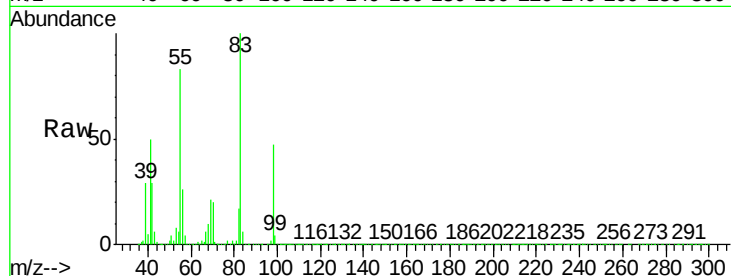
#39
Methvlcvclohexane
Concen: 50.963 ug/l
RT: 7.44 min Scan# 1075
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.4	67.8	101.6
98	46.9	39.3	58.9

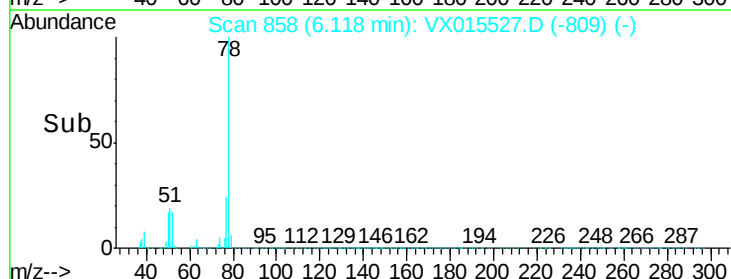
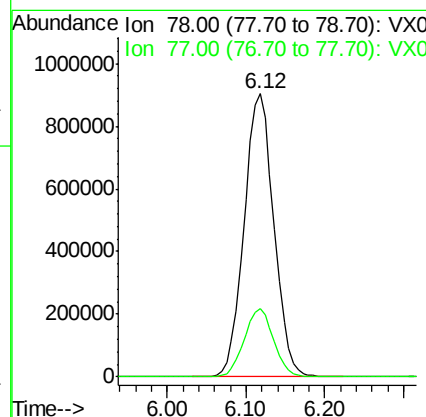
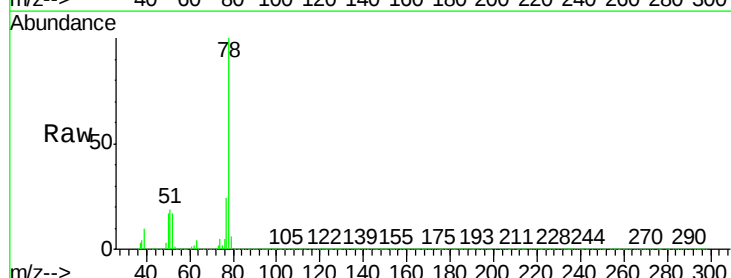
Manual Integrations
APPROVED

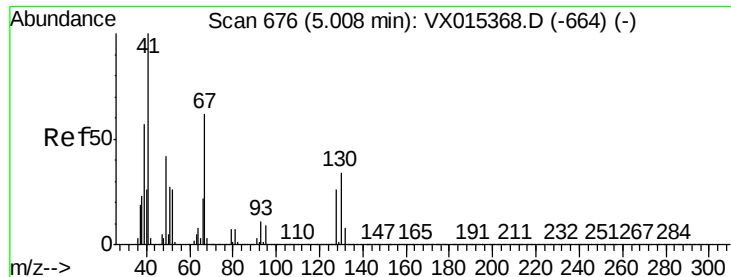
MMDadoda
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#40
Benzene
Concen: 49.502 ug/l
RT: 6.12 min Scan# 858
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.0	19.8	29.8





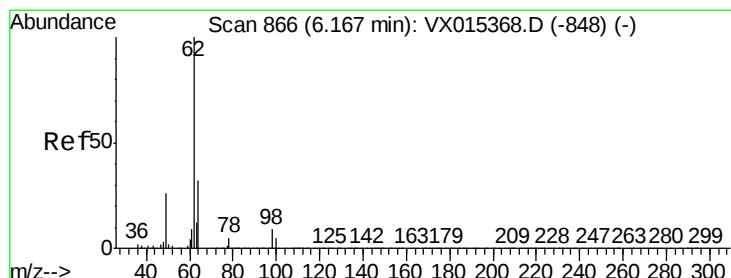
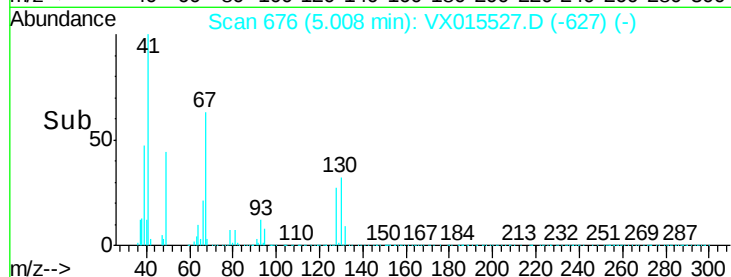
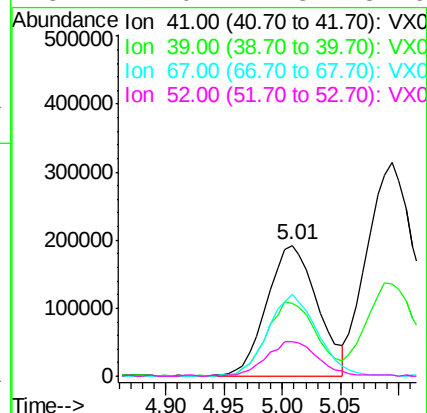
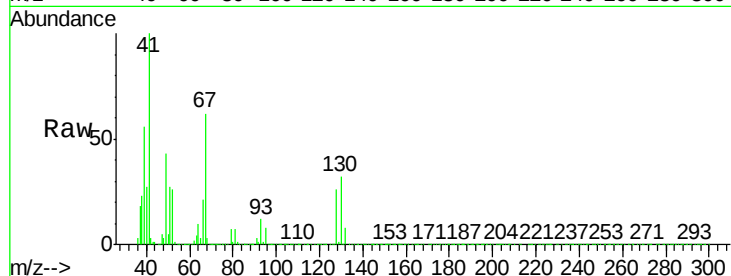
#41
Methacrylonitrile
Concen: 49.382 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	44.5	66.7
67	60.5	48.9	73.3
52	27.0	21.8	32.6

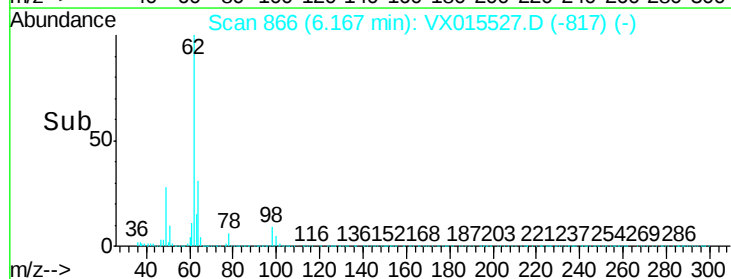
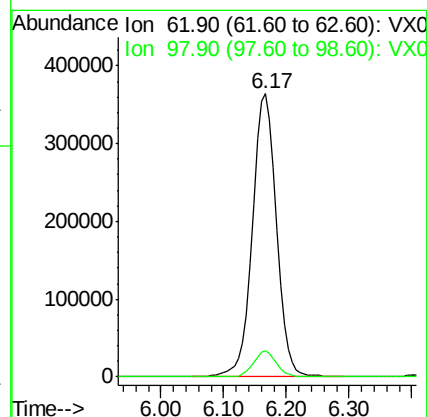
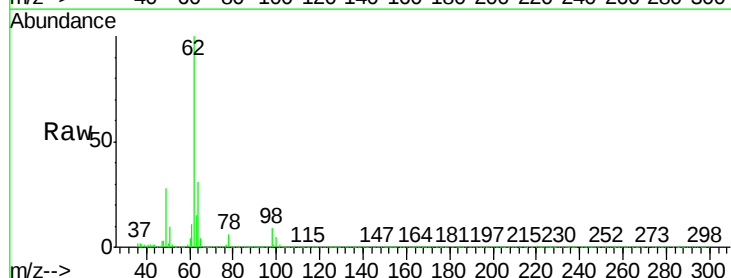
Manual Integrations
APPROVED

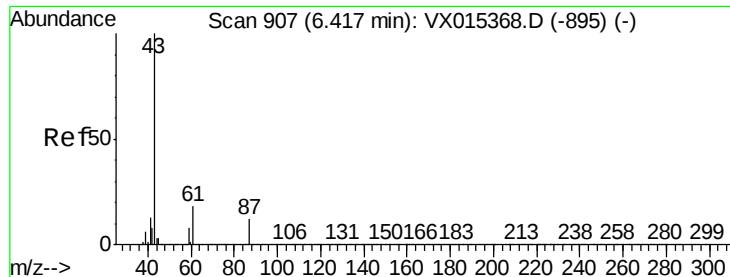
MMDadoda
4/7/2020 11:58:41 AM



#42
1,2-Dichloroethane
Concen: 50.476 ug/l
RT: 6.17 min Scan# 866
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.6





#43

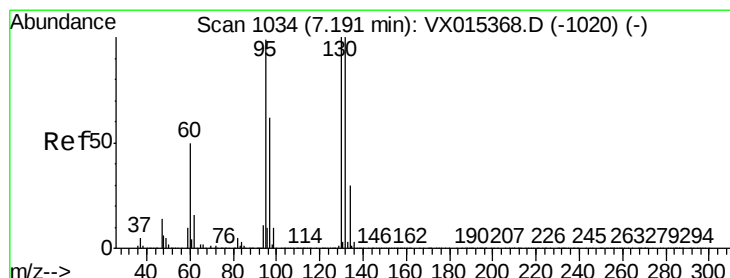
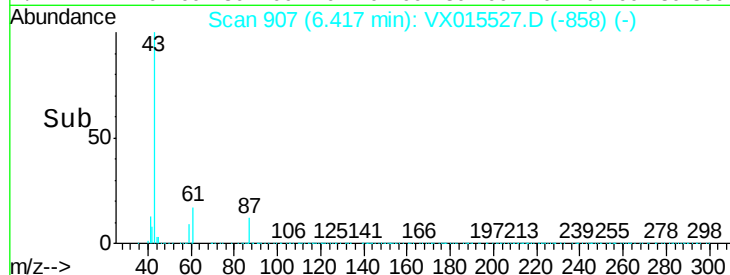
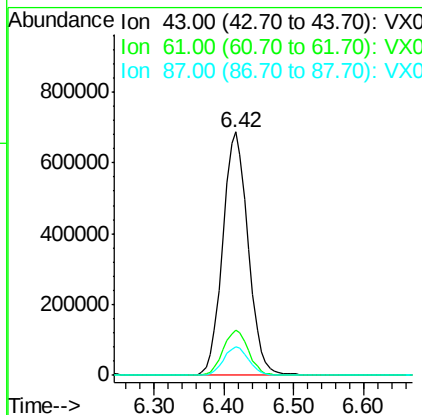
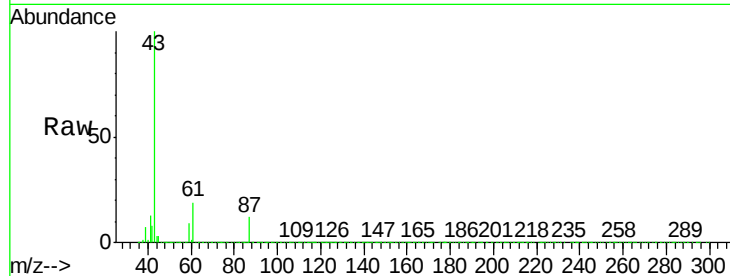
Isopropyl Acetate
 Concen: 48.031 ug/l
 RT: 6.42 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.8	22.2
87	11.7	9.4	14.0

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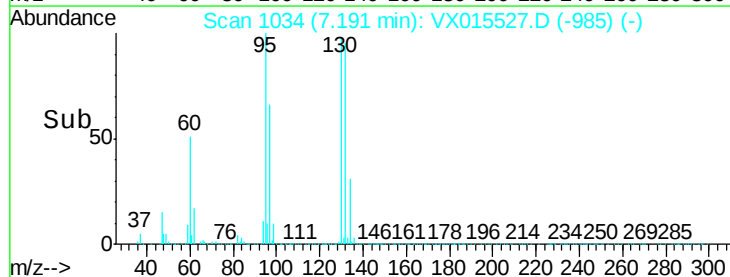
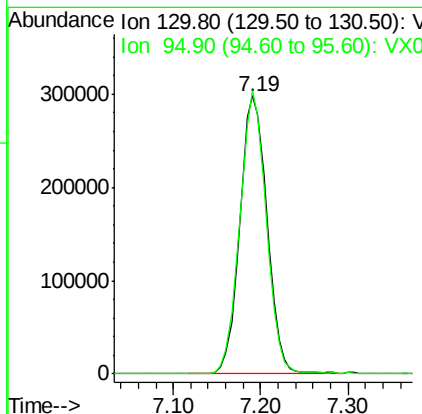
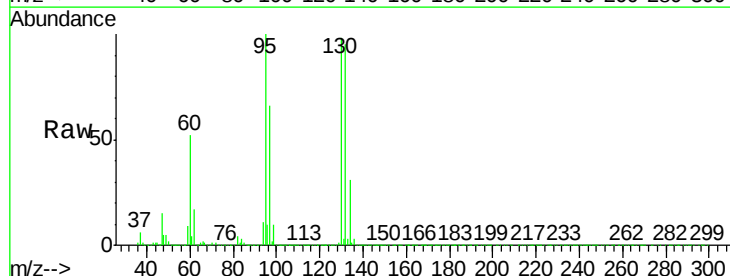
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 4/7/2020 11:58:41 AM

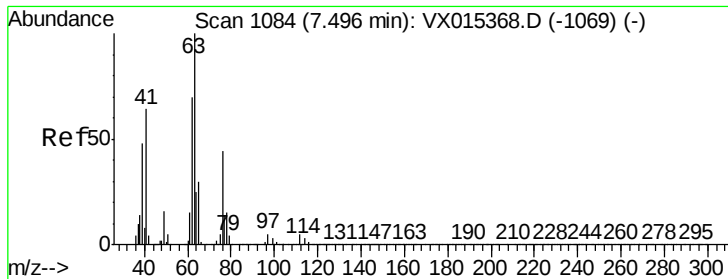


#44

Trichloroethene
 Concen: 49.574 ug/l
 RT: 7.19 min Scan# 1034
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
130	100		
95	101.8	0.0	199.0





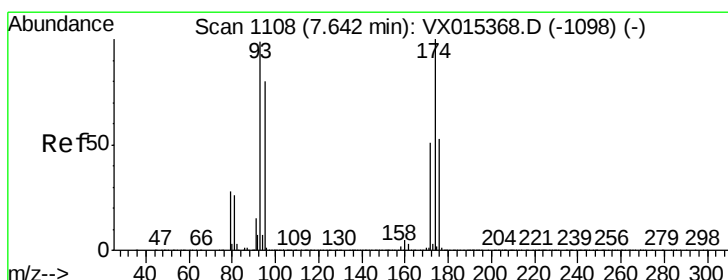
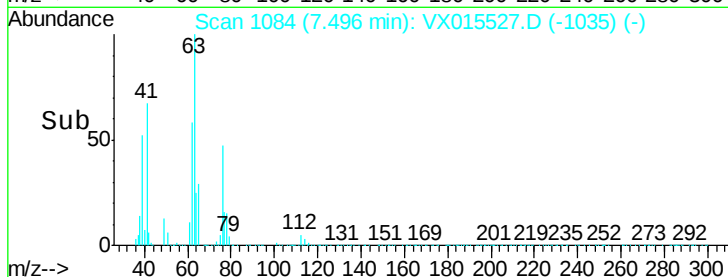
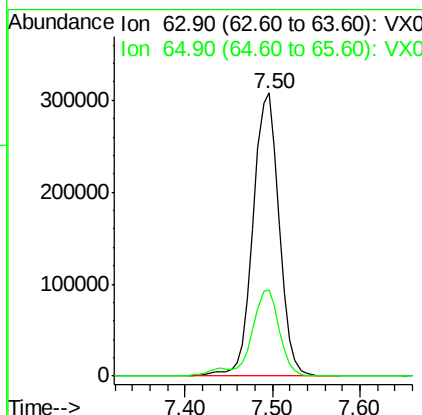
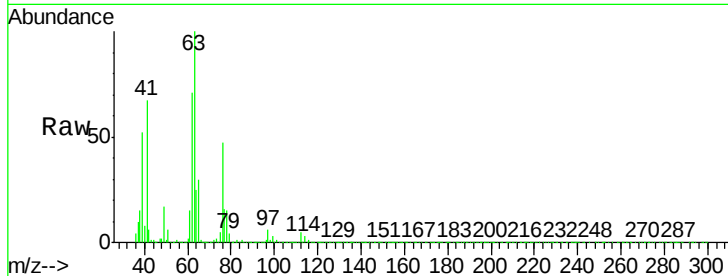
#45
 1,2-Dichloropropane
 Concen: 48.560 ug/l
 RT: 7.50 min Scan# 1084
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	30.4	23.9	35.9

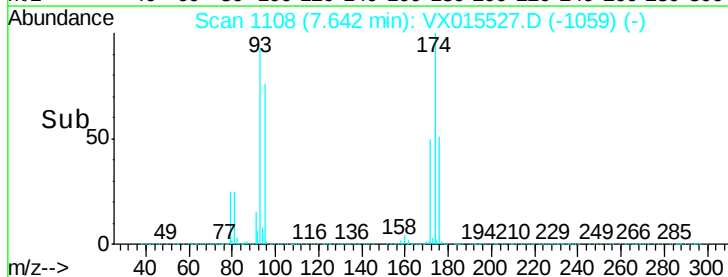
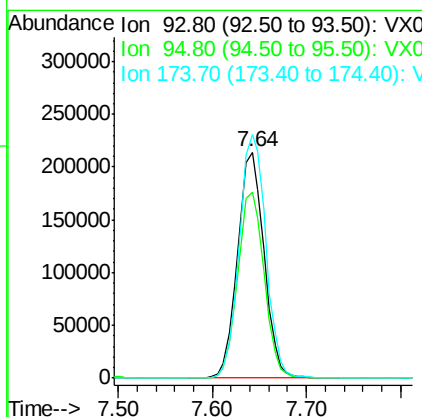
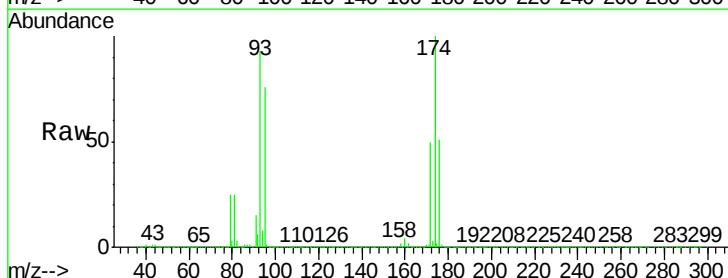
Manual Integrations
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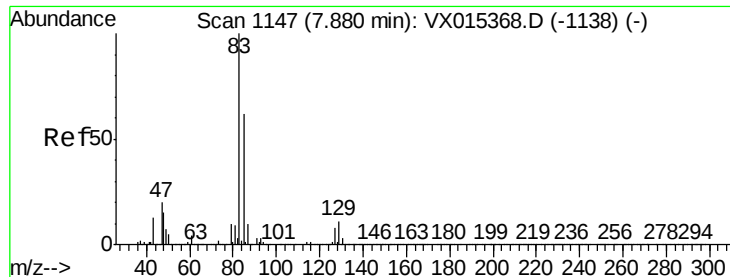
MMDadoda
 4/7/2020 11:58:41 AM



#46
 Dibromomethane
 Concen: 48.621 ug/l
 RT: 7.64 min Scan# 1108
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	82.6	65.8	98.8
174	108.5	86.2	129.2





#47

Bromodichloromethane

Concen: 49.588 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

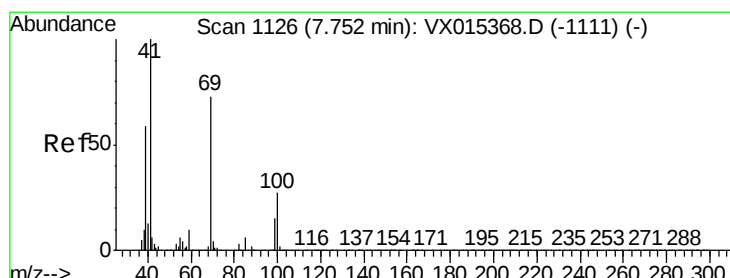
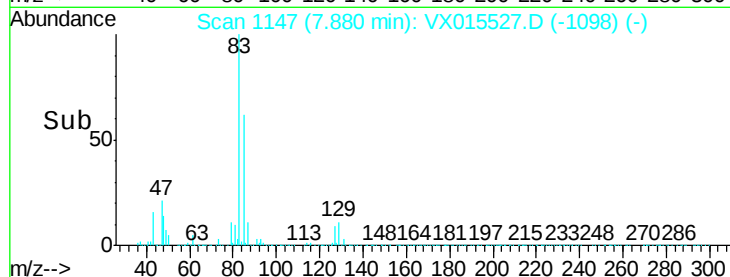
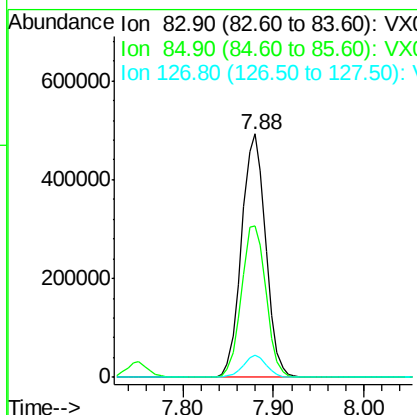
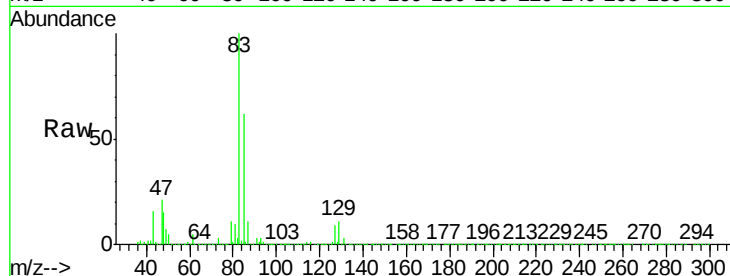
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	904937
Ion Ratio	Lower	Upper	
83	100		
85	62.4	49.7	74.5
127	9.1	6.7	10.1

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.421 ug/l

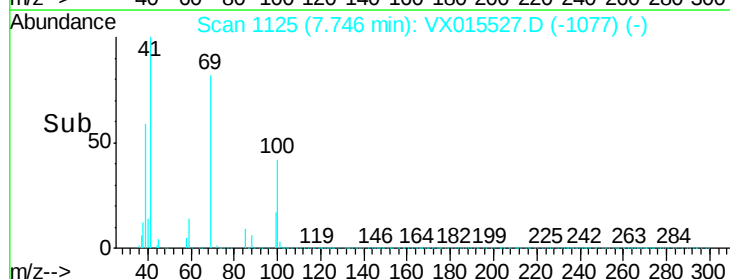
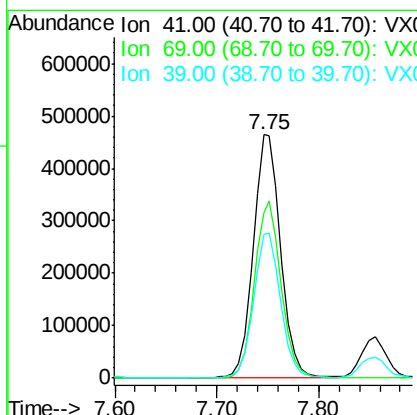
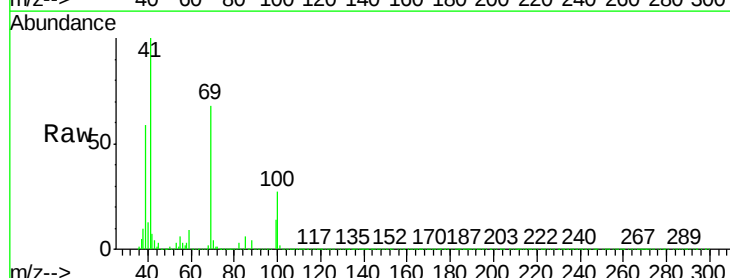
RT: 7.75 min Scan# 1125

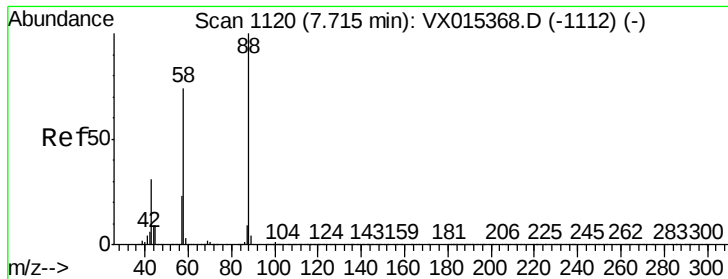
Delta R.T. -0.01 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	41	Resp:	866145
Ion Ratio	Lower	Upper	
41	100		
69	70.9	56.7	85.1
39	58.9	46.5	69.7





#49

1,4-Dioxane

Concen: 813.463 ug/l

RT: 7.72 min Scan# 1120

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

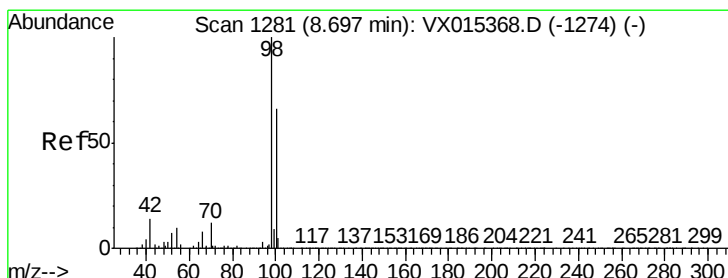
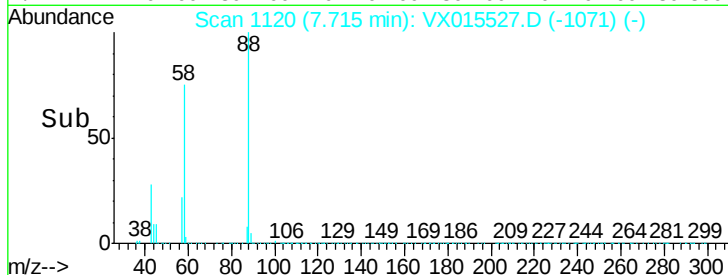
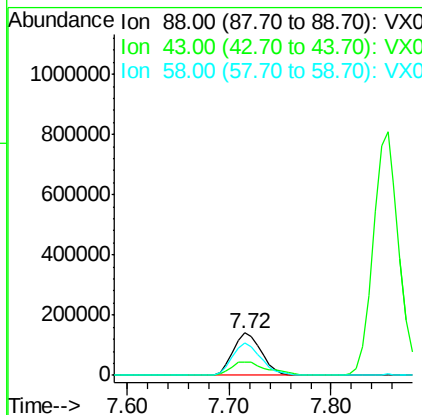
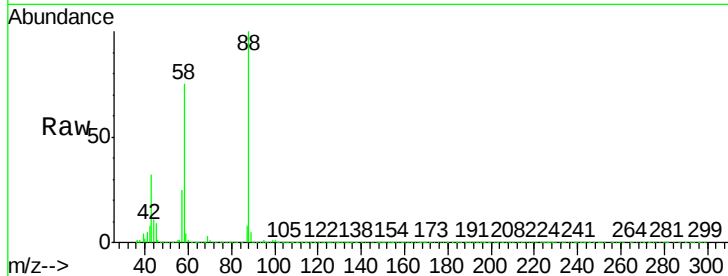
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	271451
Ion	Ratio	Lower	Upper
88	100		
43	39.9	30.1	45.1
58	77.0	60.6	90.8

Manual Integrations
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#50

Toluene-d8

Concen: 50.589 ug/l

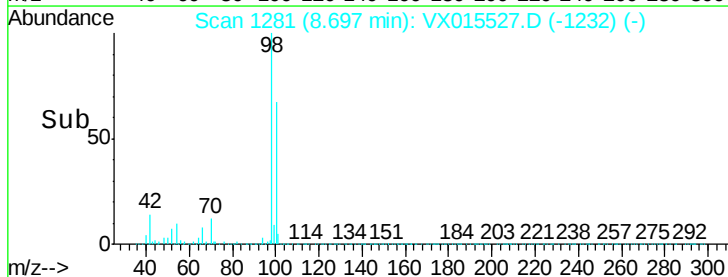
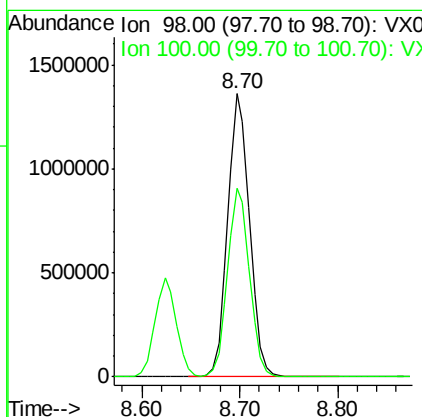
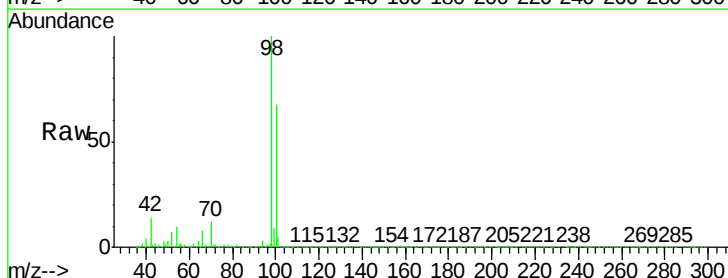
RT: 8.70 min Scan# 1281

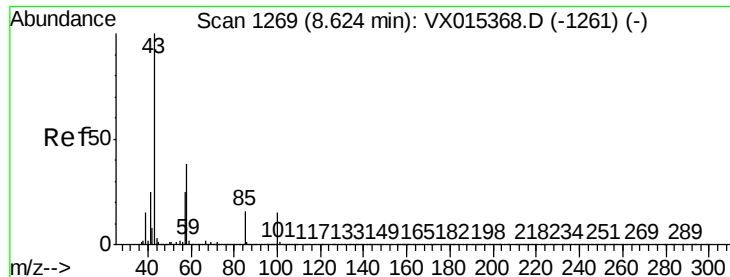
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	98	Resp:	2105316
Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.5	80.3





#51

4-Methyl-2-Pentanone

Concen: 245.052 ug/l

RT: 8.62 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tot Ion: 43 Resp: 4973484

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5

Instrument :

MSVOA_X

ClientSampleId :

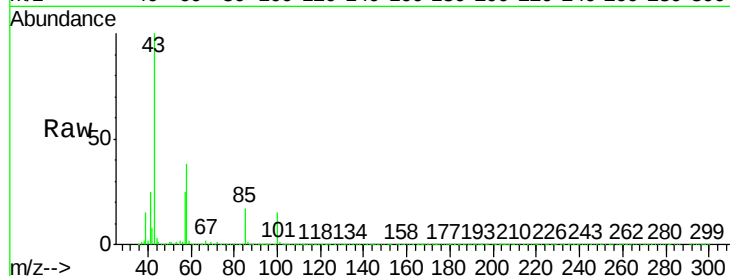
VSTDCCC050EC

Manual Integrations

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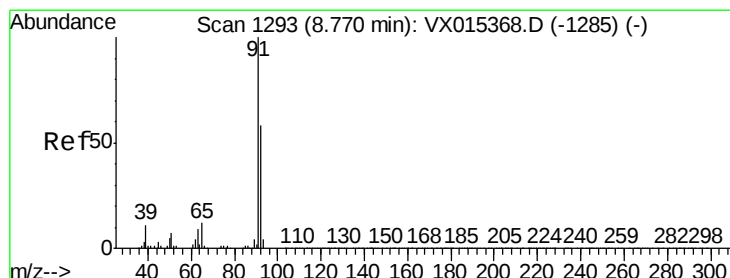
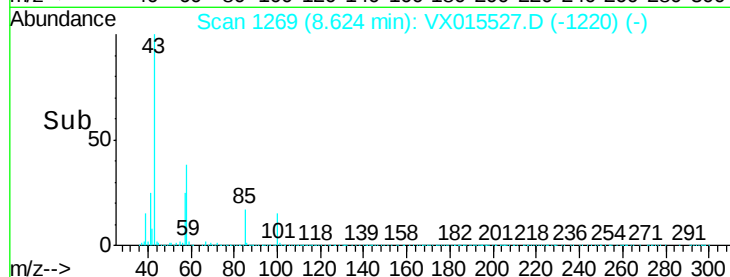
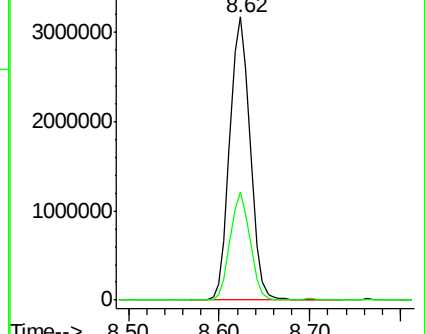
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.915 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX015527.D

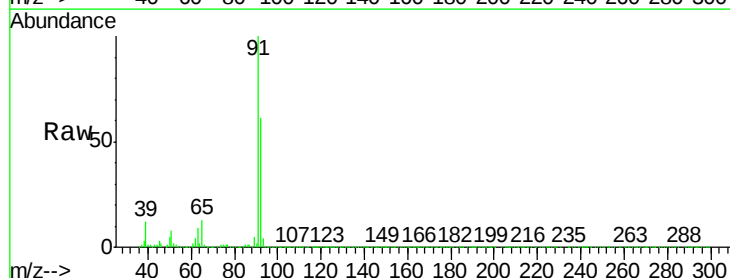
Acq: 06 Apr 2020 20:43

Tgt Ion: 92 Resp: 1498157

Ion Ratio Lower Upper

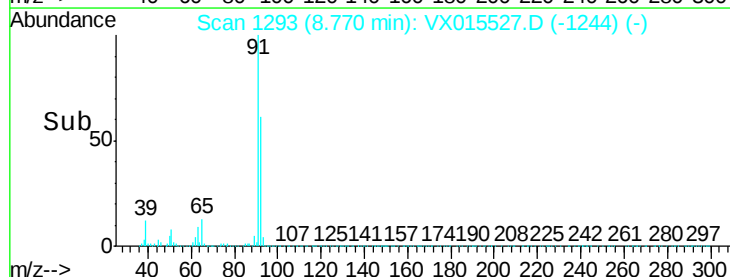
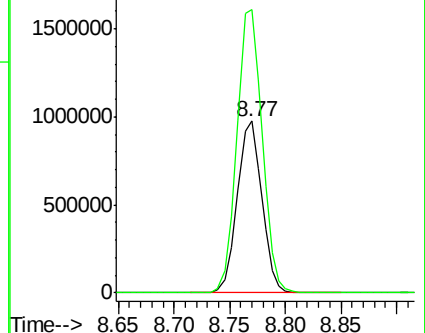
92 100

91 169.0 136.6 205.0



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





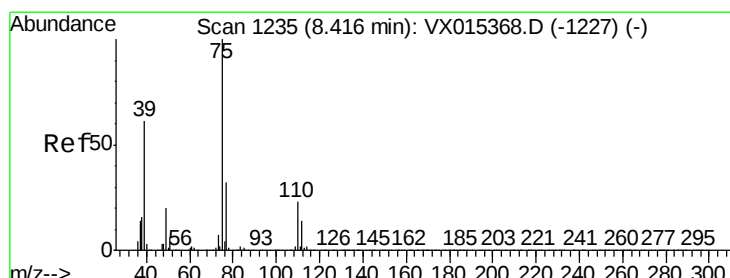
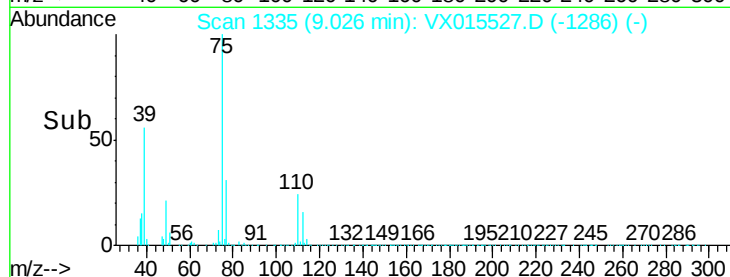
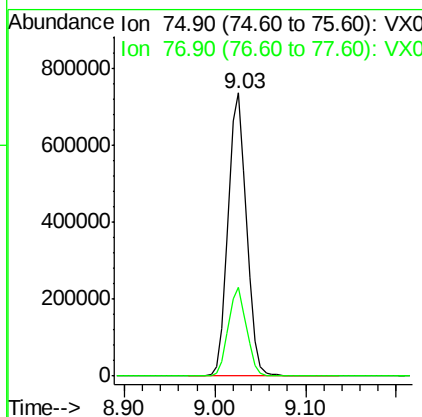
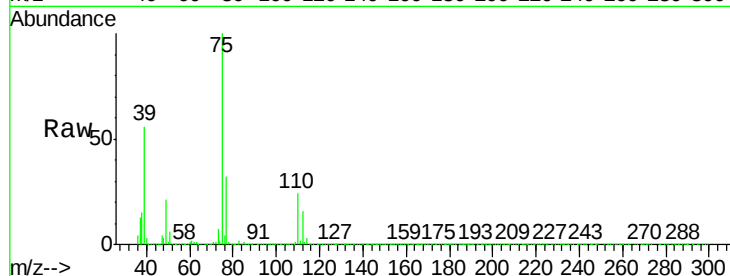
#53
t-1,3-Dichloropropene
Concen: 48.639 ug/l
RT: 9.03 min Scan# 1335
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 1041028
Ion Ratio Lower Upper
75 100
77 31.5 24.1 36.1

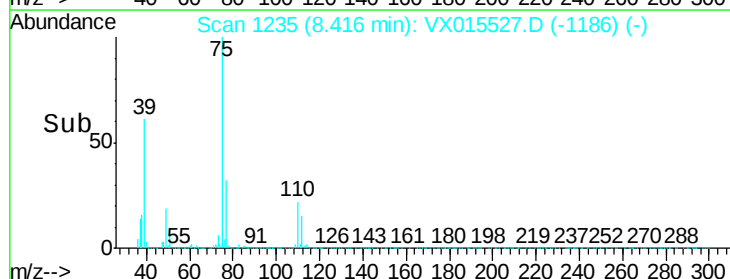
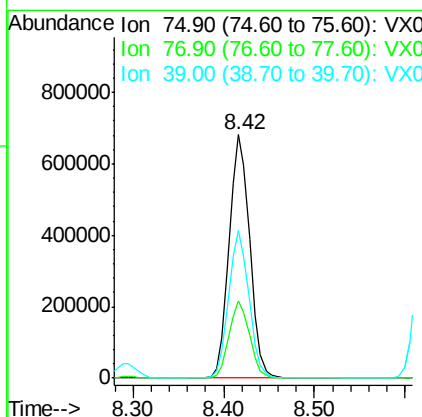
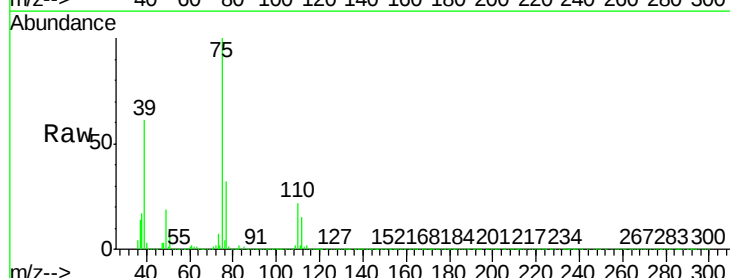
Manual Integrations
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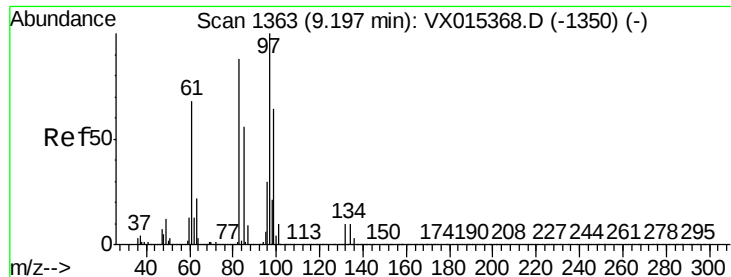
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 49.201 ug/l
RT: 8.42 min Scan# 1235
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 75 Resp: 1072696
Ion Ratio Lower Upper
75 100
77 31.6 25.8 38.6
39 60.6 49.0 73.4





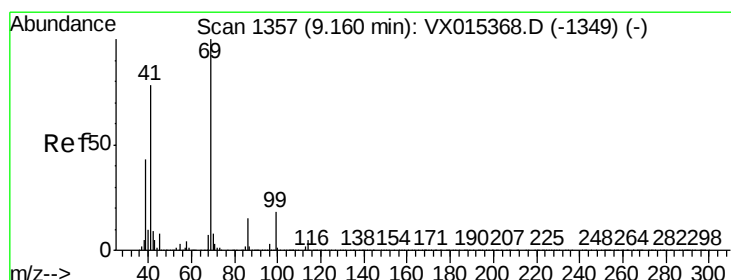
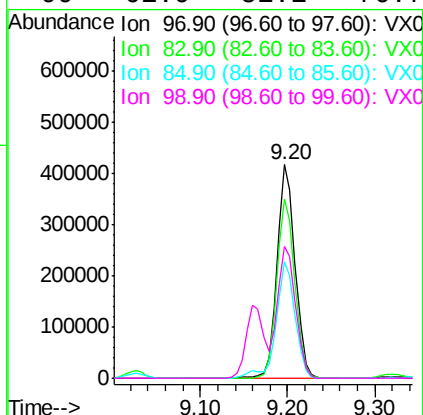
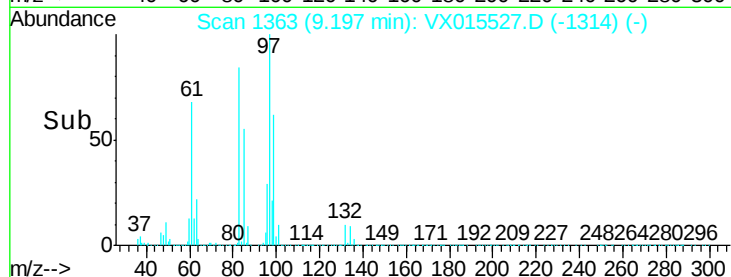
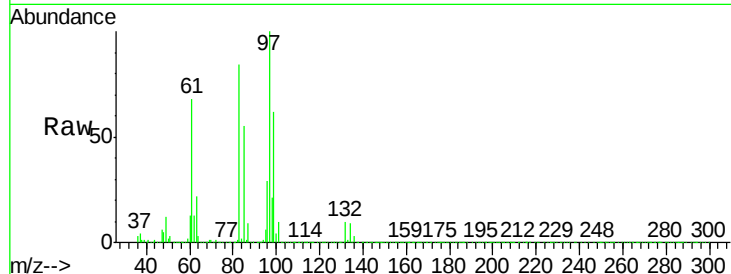
#55
 1,1,2-Trichloroethane
 Concen: 49.955 ug/l
 RT: 9.20 min Scan# 1363
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	602229
Ion	Ratio	Lower	Upper
97	100		
83	83.6	70.2	105.4
85	54.8	44.7	67.1
99	61.9	51.1	76.7

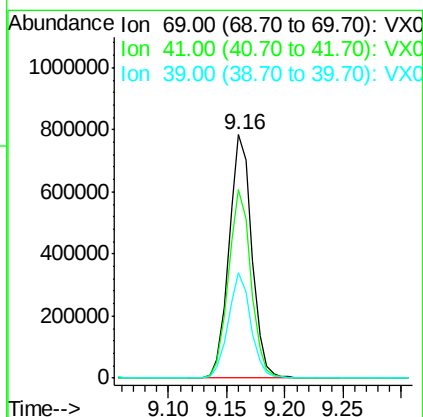
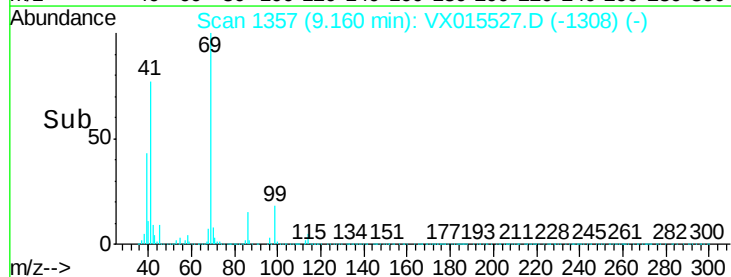
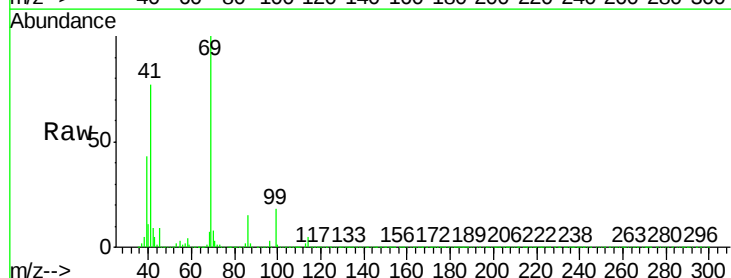
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#56
 Ethyl methacrylate
 Concen: 50.333 ug/l
 RT: 9.16 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion:	69	Resp:	1069368
Ion	Ratio	Lower	Upper
69	100		
41	76.2	61.6	92.4
39	42.3	34.0	51.0





#57

1,3-Dichloropropane

Concen: 48.599 ug/l

RT: 9.36 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tot Ion: 76 Resp: 1055580

Ion Ratio Lower Upper

76 100

78 31.8 25.8 38.8

Instrument :

MSVOA_X

ClientSampleId :

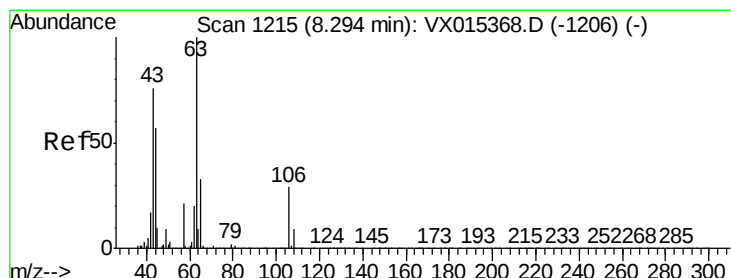
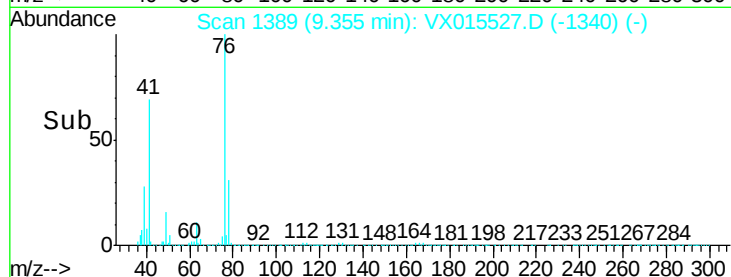
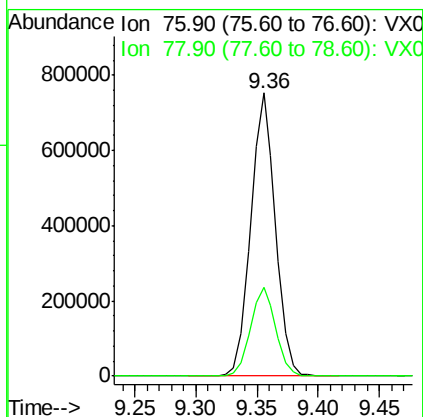
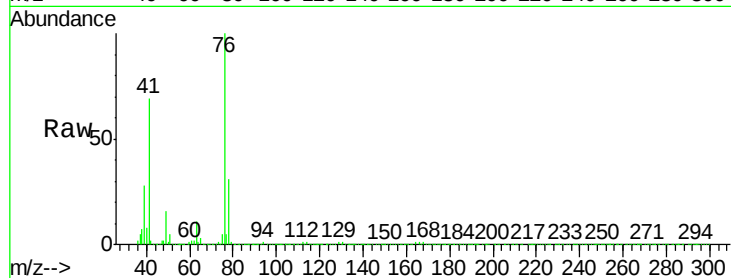
VSTDCCC050EC

Manual Integrations

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4/7/2020 11:58:41 AM



#58

2-Chloroethyl Vinyl ether

Concen: 249.267 ug/l

RT: 8.29 min Scan# 1215

Delta R.T. 0.00 min

Lab File: VX015527.D

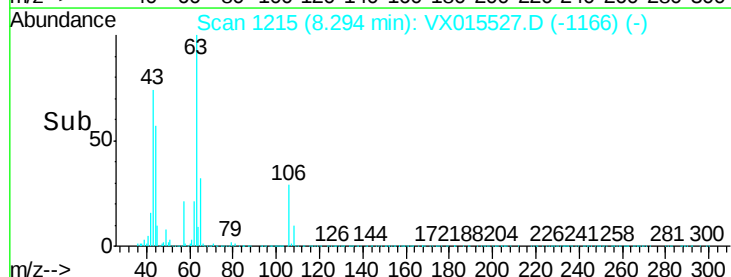
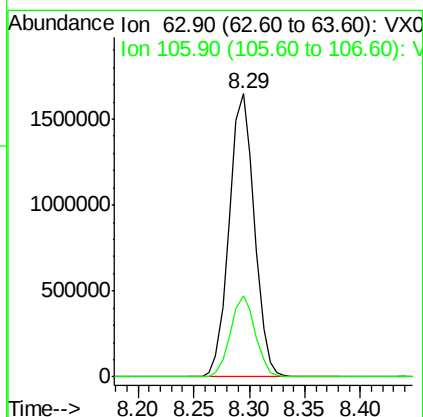
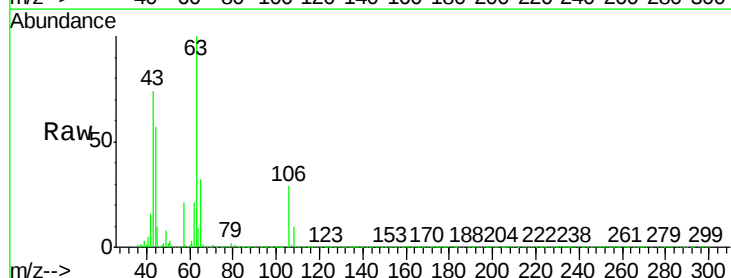
Acq: 06 Apr 2020 20:43

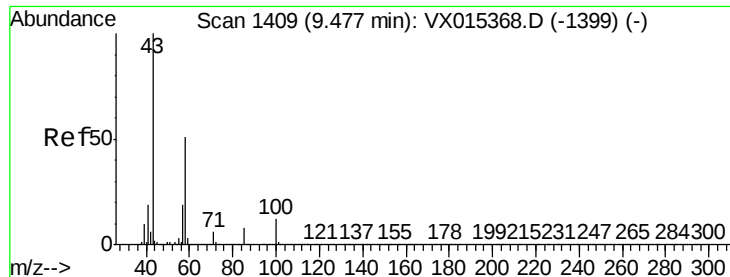
Tgt Ion: 63 Resp: 2575976

Ion Ratio Lower Upper

63 100

106 28.4 22.7 34.1





#59

2-Hexanone

Concen: 247.577 ug/l

RT: 9.48 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3793554

Ion Ratio Lower Upper

43 100

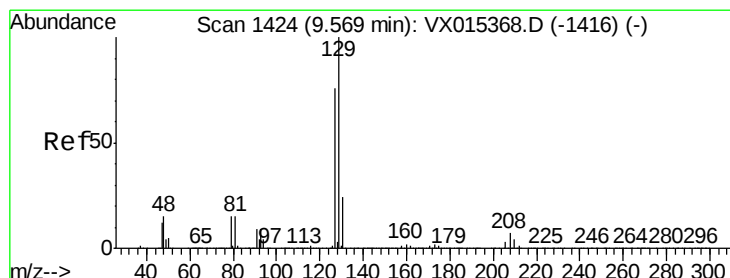
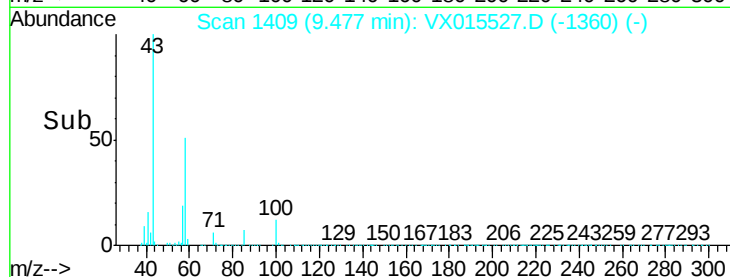
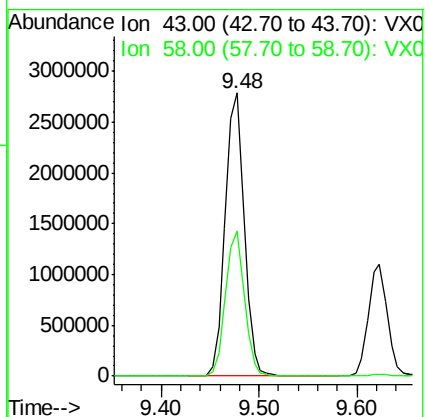
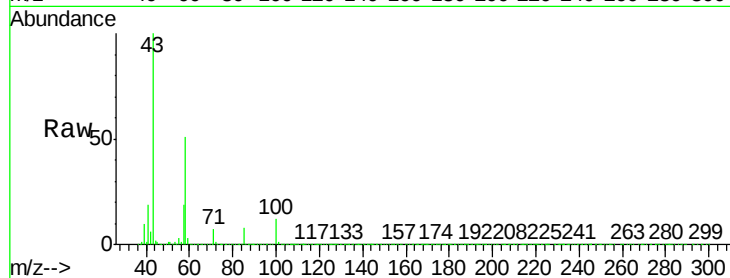
58 50.8 25.6 76.6

Manual Integrations

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4/7/2020 11:58:41 AM



#60

Dibromochloromethane

Concen: 49.702 ug/l

RT: 9.57 min Scan# 1424

Delta R.T. 0.00 min

Lab File: VX015527.D

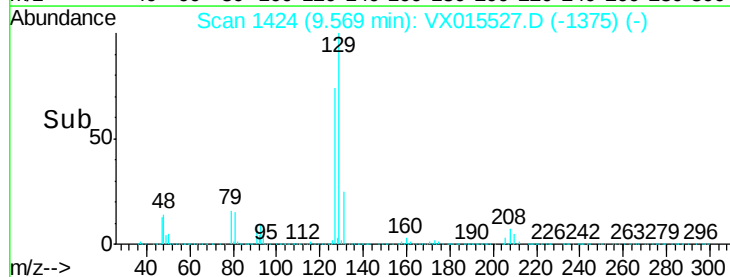
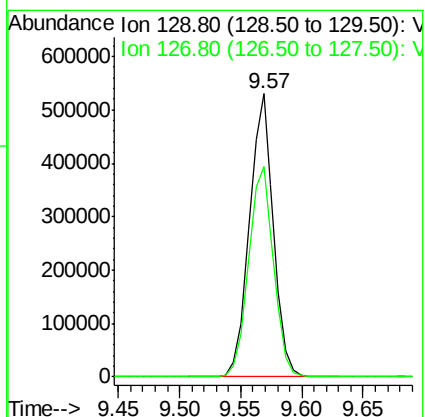
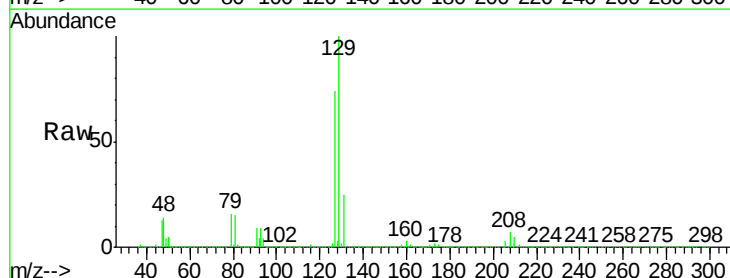
Acq: 06 Apr 2020 20:43

Tgt Ion: 129 Resp: 719990

Ion Ratio Lower Upper

129 100

127 77.3 38.2 114.6





#61

1,2-Dibromoethane

Concen: 50.022 ug/l

RT: 9.65 min Scan# 1438

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 655703

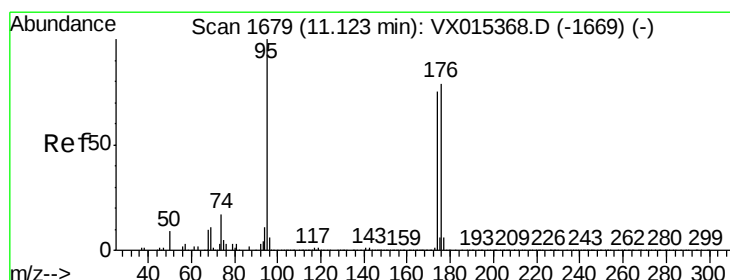
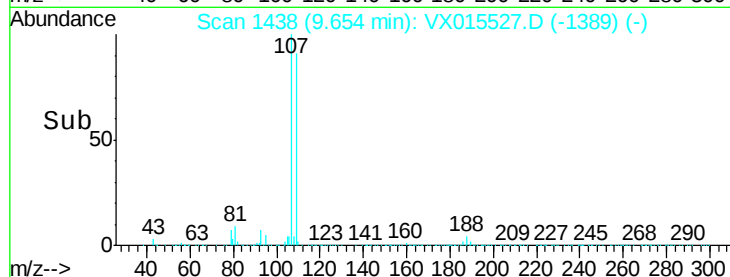
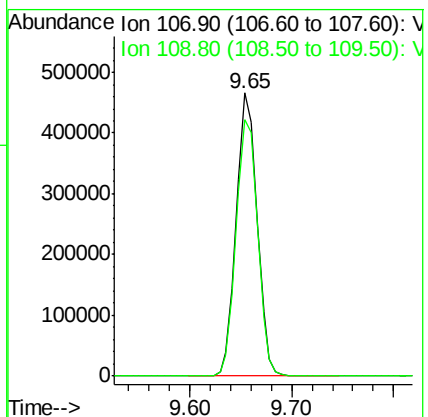
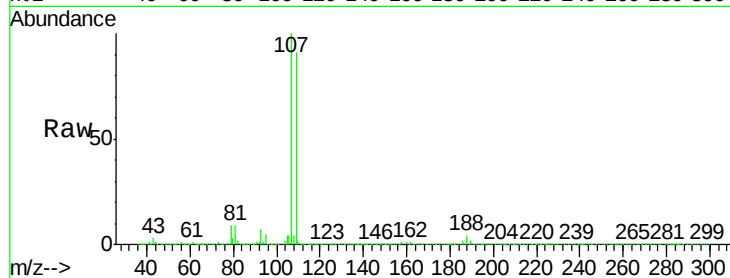
Ion Ratio Lower Upper

107 100

109 93.8 74.8 112.2

Manual Integrations
APPROVED

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4/7/2020 11:58:41 AM



#62

4-Bromofluorobenzene

Concen: 51.403 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

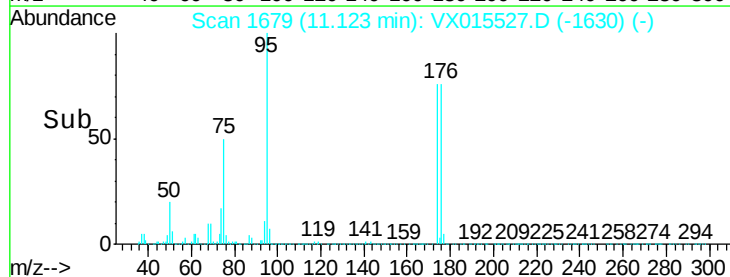
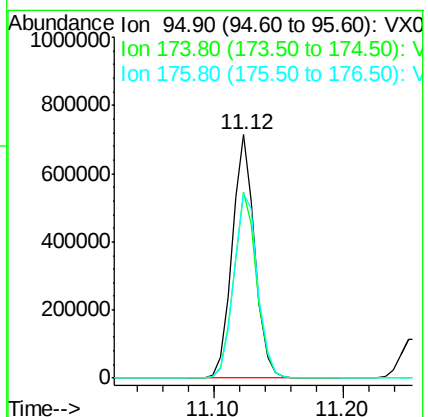
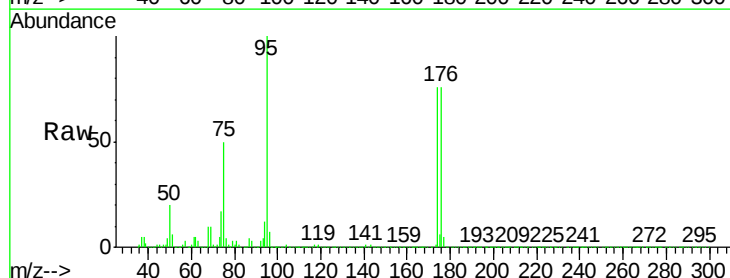
Tgt Ion: 95 Resp: 869376

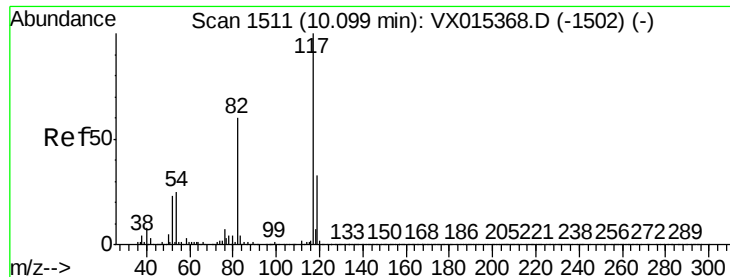
Ion Ratio Lower Upper

95 100

174 78.0 0.0 158.6

176 80.2 0.0 159.0





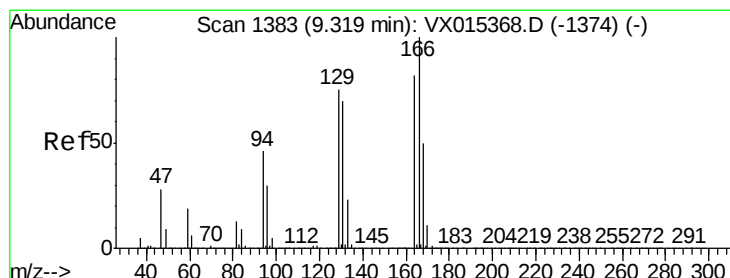
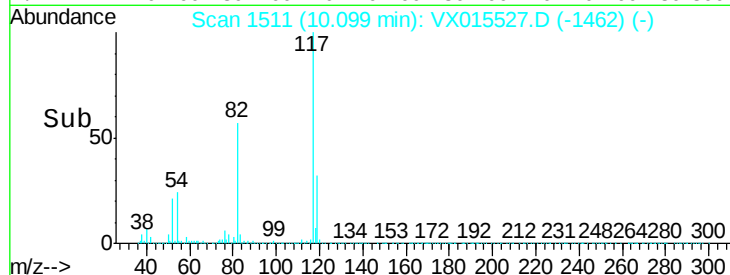
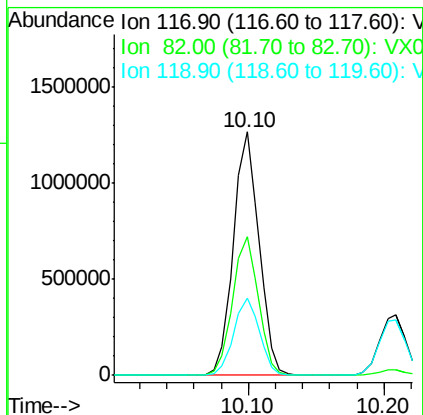
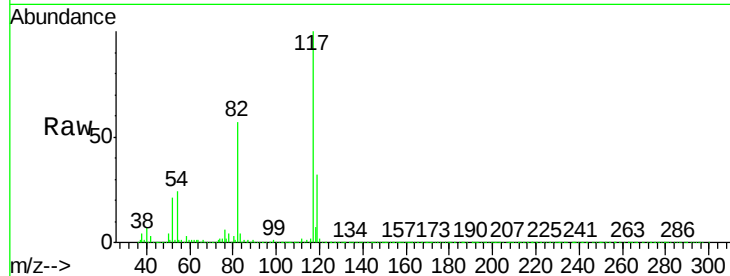
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.1	47.8	71.8
119	31.7	26.8	40.2

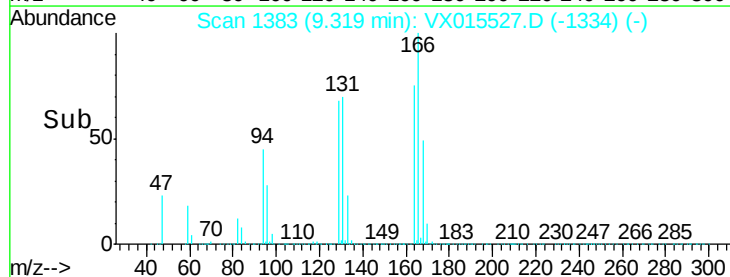
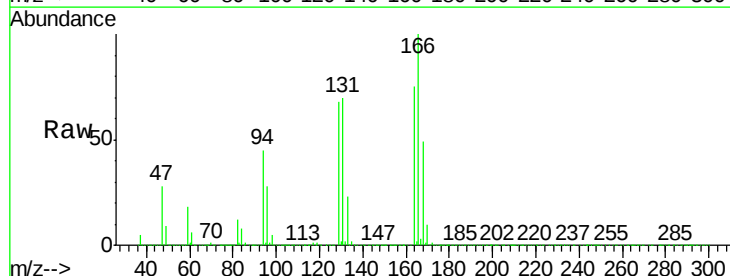
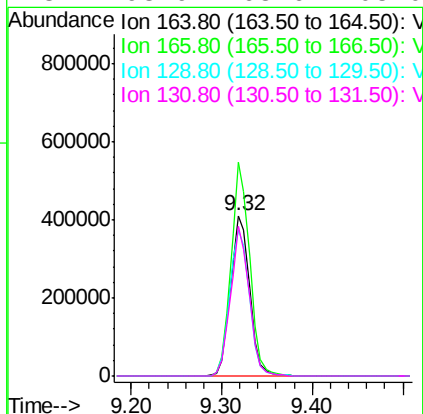
Manual Integrations
APPROVED

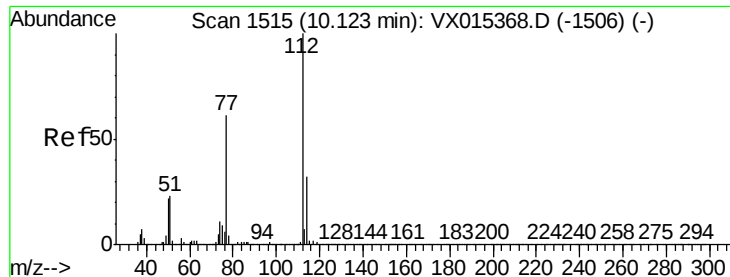
MMDadoda
4/7/2020 11:58:41 AM



#64
Tetrachloroethene
Concen: 48.140 ug/l
RT: 9.32 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
164	100		
166	133.4	97.8	146.6
129	91.0	73.0	109.4
131	93.9	68.6	103.0





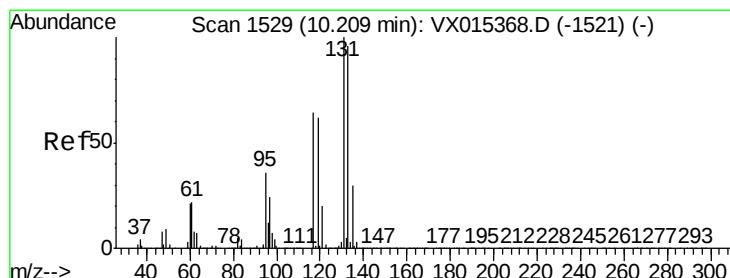
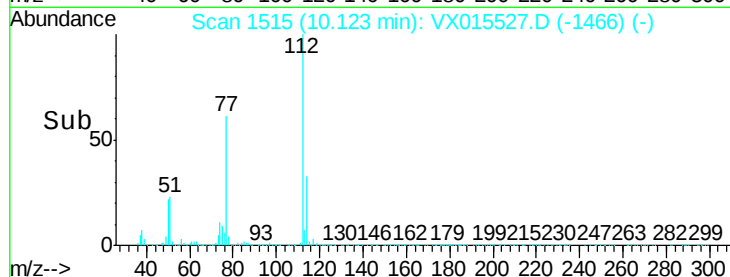
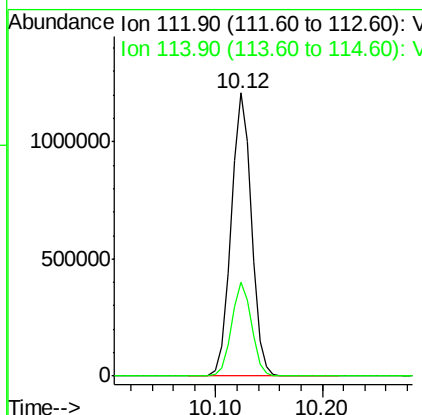
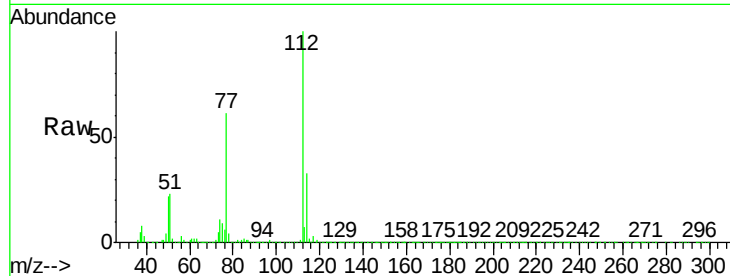
#65
Chlorobenzene
Concen: 49.040 ug/l
RT: 10.12 min Scan# 1515
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 1620555
Ion Ratio Lower Upper
112 100
114 33.3 25.5 38.3

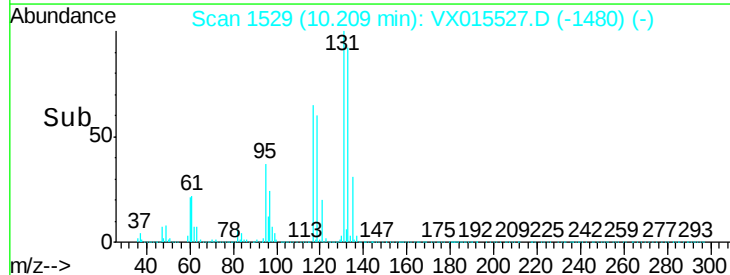
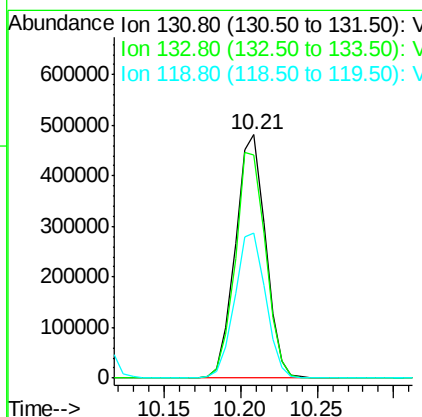
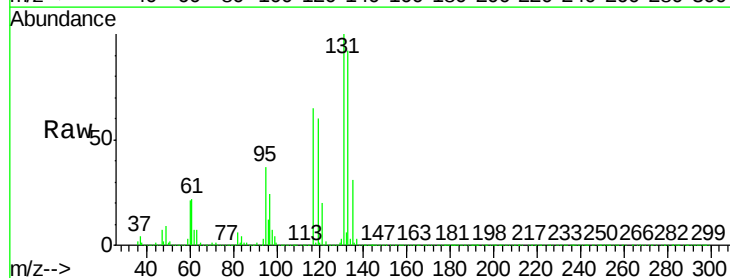
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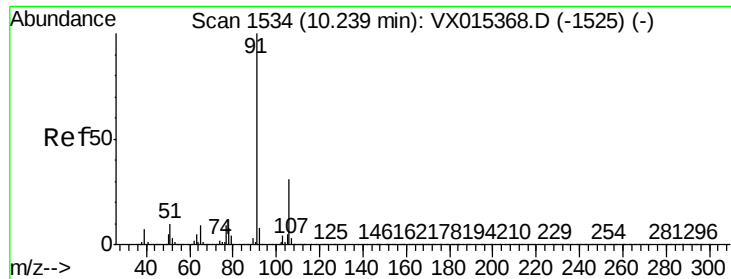
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4/7/2020 11:58:41 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.692 ug/l
RT: 10.21 min Scan# 1529
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:131 Resp: 656026
Ion Ratio Lower Upper
131 100
133 93.8 47.6 142.9
119 61.2 31.1 93.3





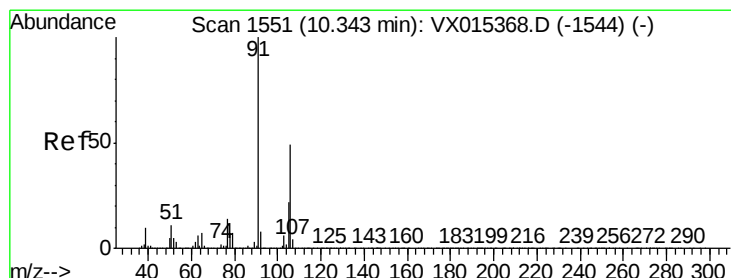
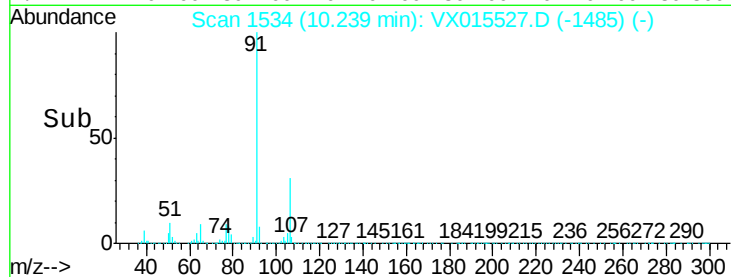
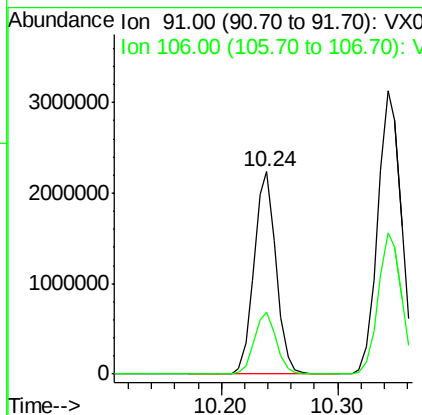
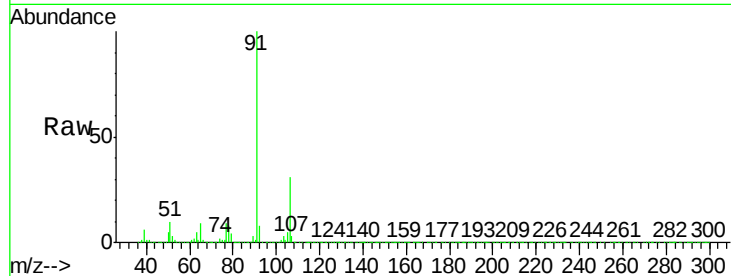
#67
Ethyl Benzene
Concen: 50.246 ug/l
RT: 10.24 min Scan# 1534
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2944874
Ion Ratio Lower Upper
91 100
106 30.8 24.8 37.2

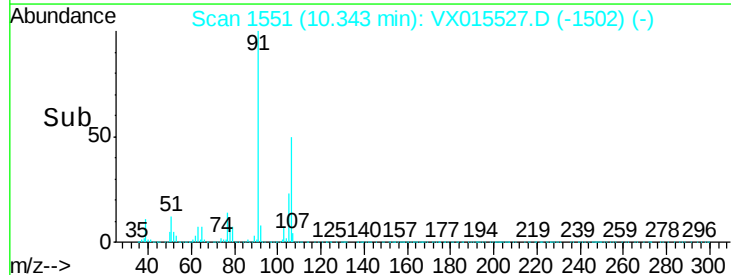
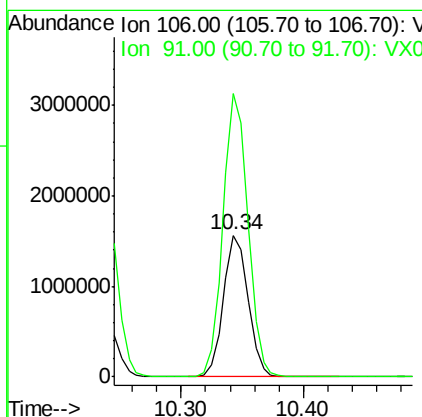
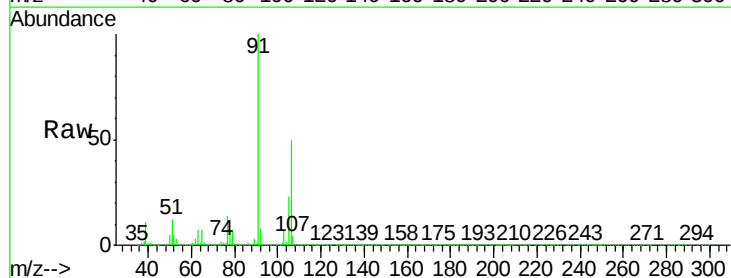
Manual Integrations
APPROVED

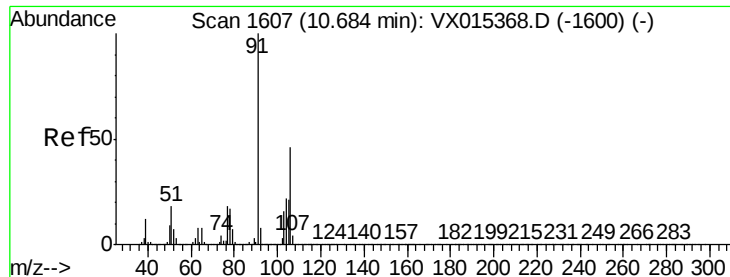
MMDadoda
4/7/2020 11:58:41 AM



#68
m/p-Xylenes
Concen: 99.695 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 106 Resp: 2175755
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.0





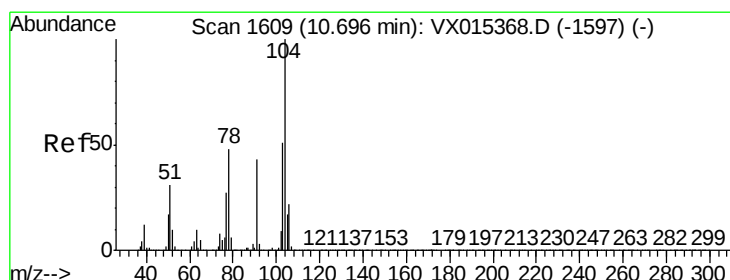
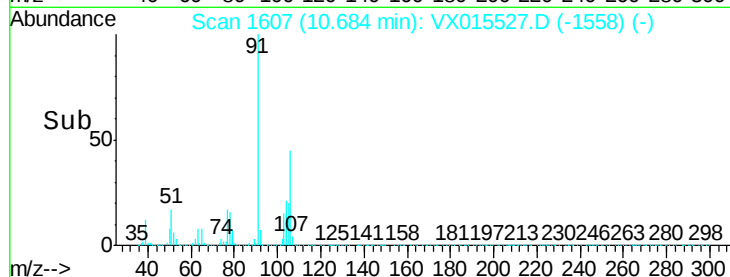
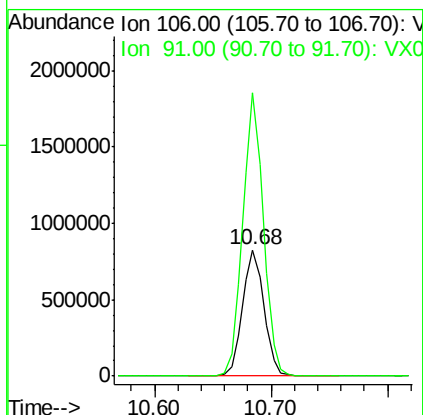
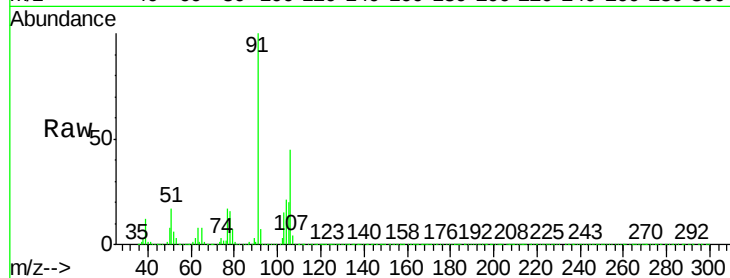
#69
o-Xylene
Concen: 49.303 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 1063259
Ion Ratio Lower Upper
106 100
91 216.5 107.1 321.3

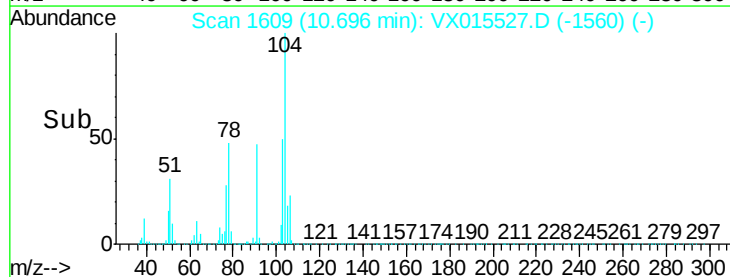
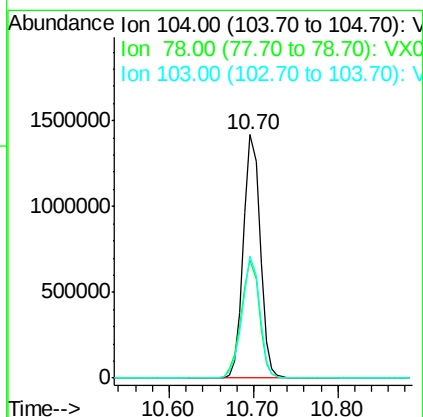
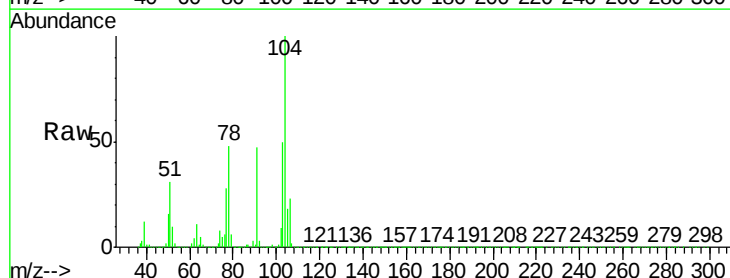
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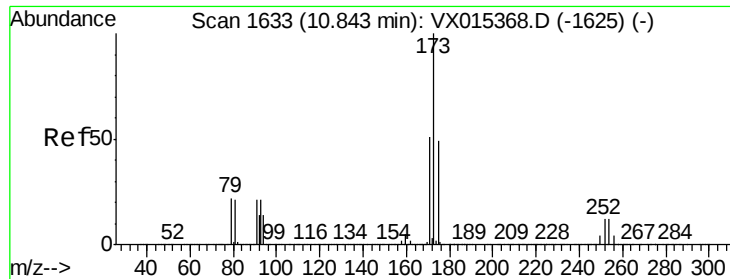
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#70
Styrene
Concen: 49.432 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion:104 Resp: 1875902
Ion Ratio Lower Upper
104 100
78 52.6 42.0 63.0
103 52.9 43.4 65.0





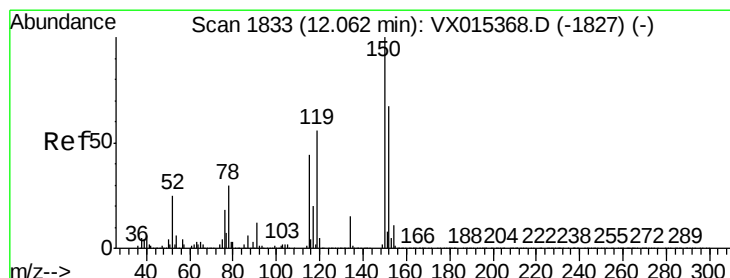
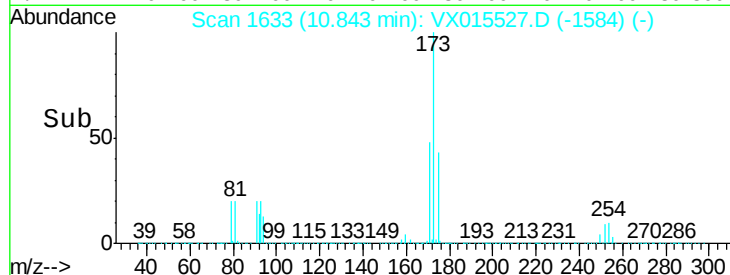
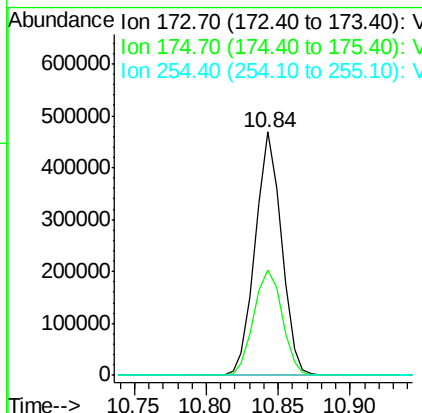
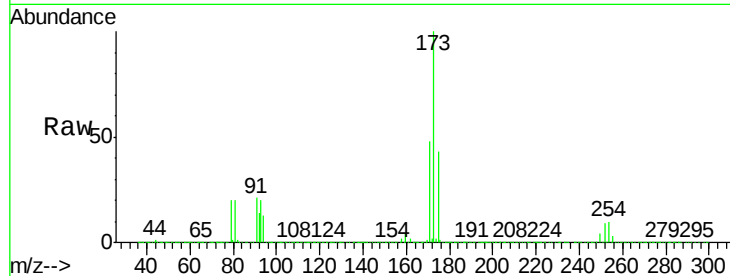
#71
Bromoform
Concen: 48.895 ug/l
RT: 10.84 min Scan# 1633
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	46.9	23.9	71.7
254	0.2	0.1	0.1#

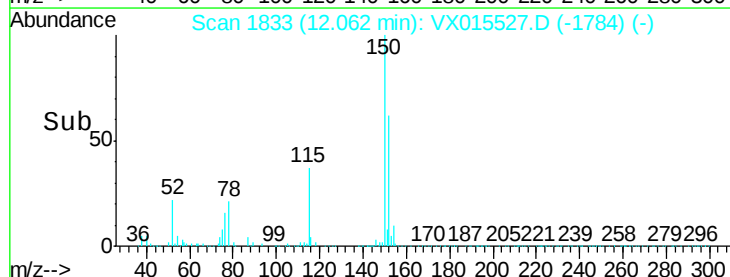
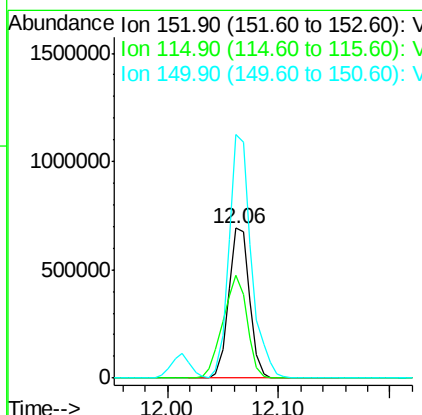
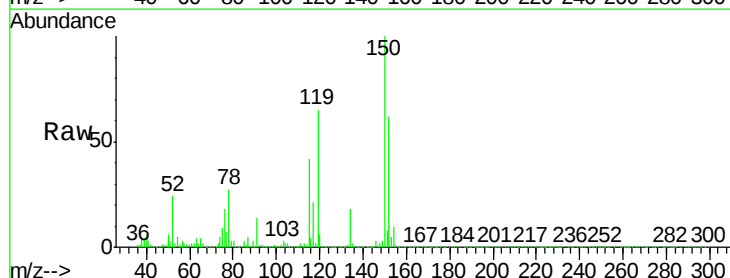
Manual Integrations
APPROVED

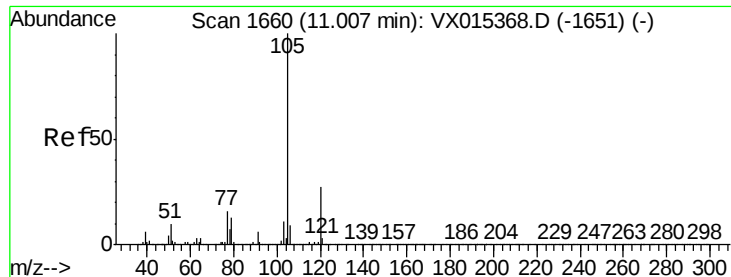
MMDadoda
4/7/2020 11:58:41 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
152	100		
115	79.2	39.0	116.9
150	173.5	0.0	340.8





#73

Isopropylbenzene

Concen: 48.693 ug/l

RT: 11.01 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 2844096

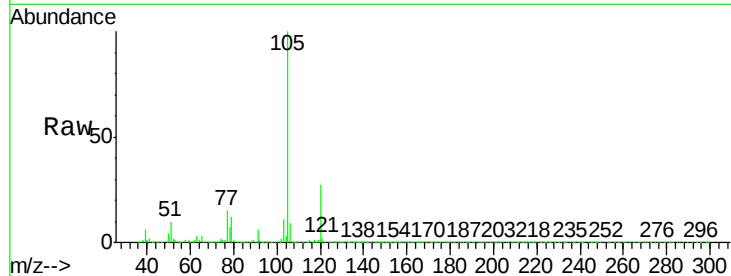
Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5

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4/7/2020 11:58:41 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

2500000

2000000

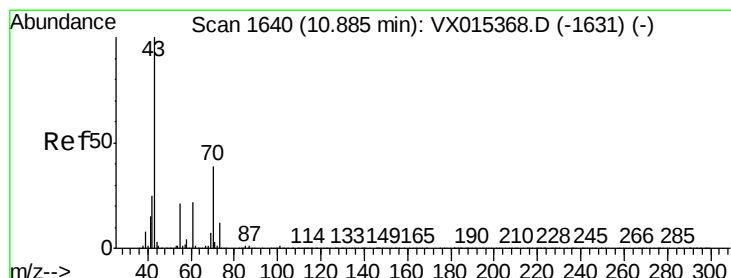
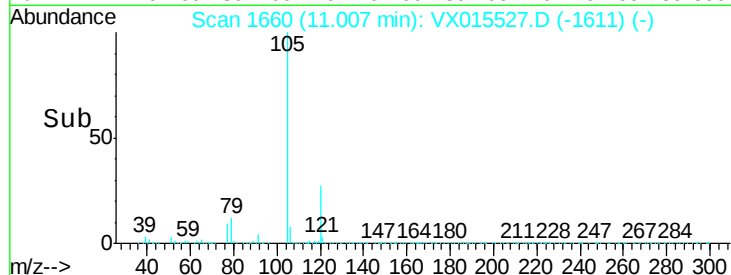
1500000

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 46.620 ug/l

RT: 10.89 min Scan# 1640

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion: 43 Resp: 1514489

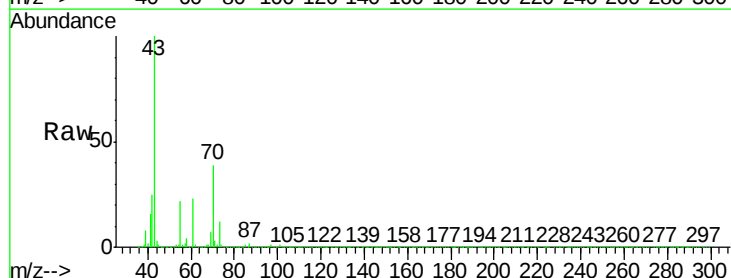
Ion Ratio Lower Upper

43 100

70 38.3 30.2 45.4

55 21.7 16.8 25.2

61 22.6 18.2 27.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

2000000

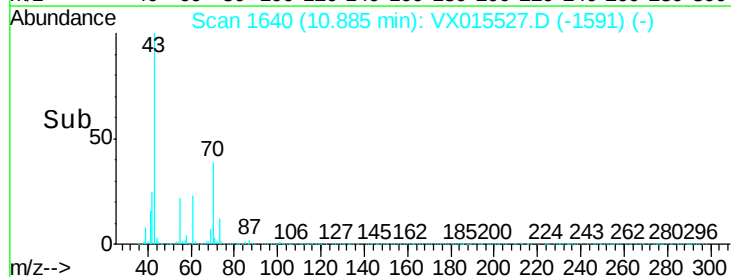
1500000

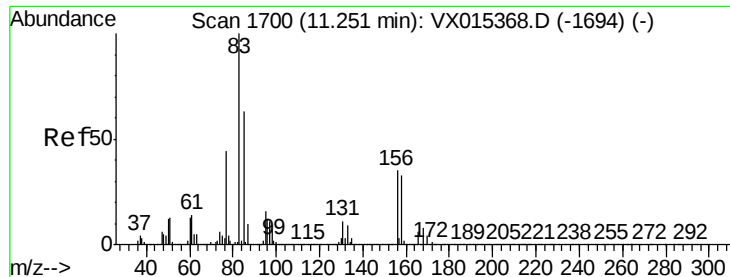
1000000

500000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 46.500 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

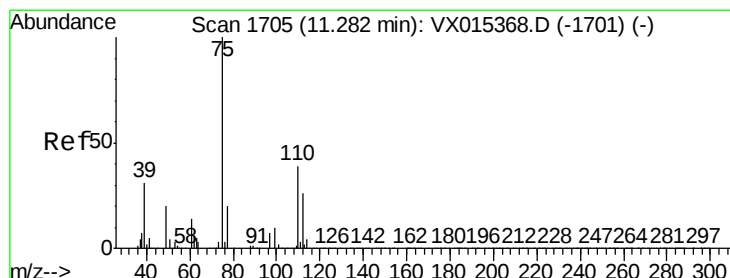
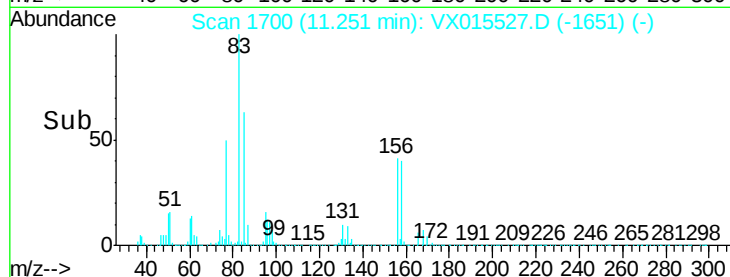
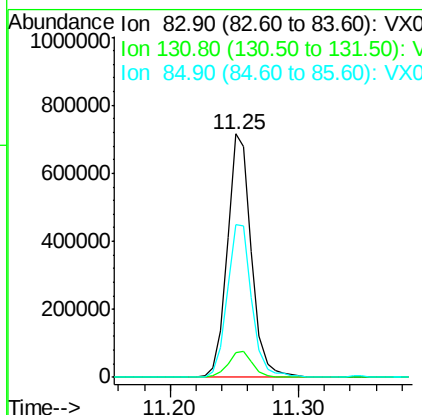
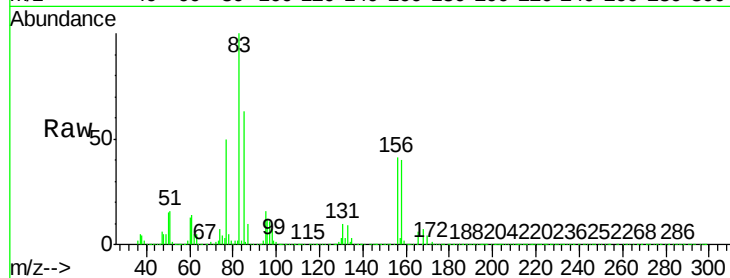
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	931966
Ion Ratio	Lower	Upper	
83	100		
131	10.7	5.3	16.1
85	64.6	32.0	96.0

Manual Integrations
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4/7/2020 11:58:41 AM



#76

1,2,3-Trichloropropane

Concen: 47.466 ug/l m

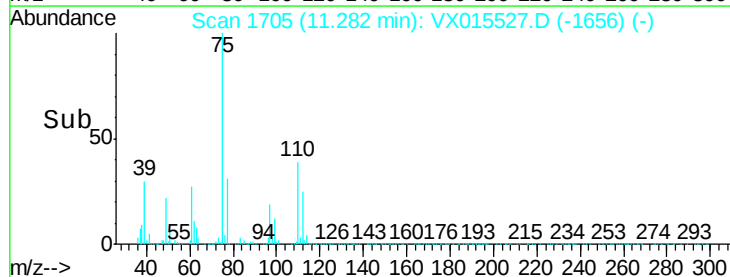
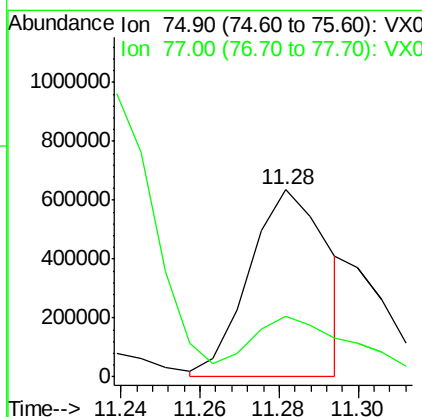
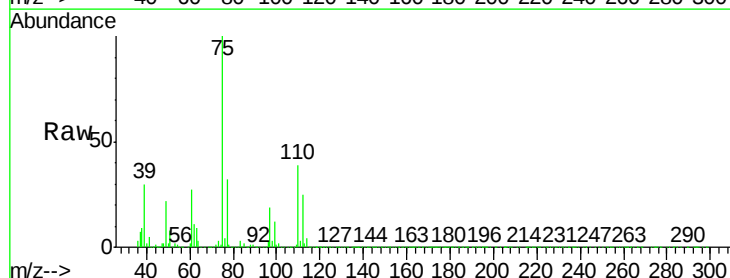
RT: 11.28 min Scan# 1705

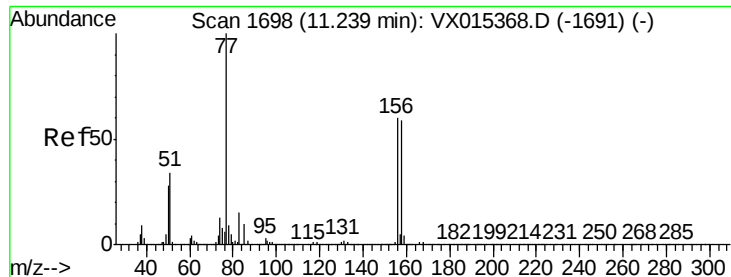
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	75	Resp:	870140
Ion Ratio	Lower	Upper	
75	100		
77	42.0	21.2	63.6





#77

Bromobenzene

Concen: 48.087 ug/l

RT: 11.24 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

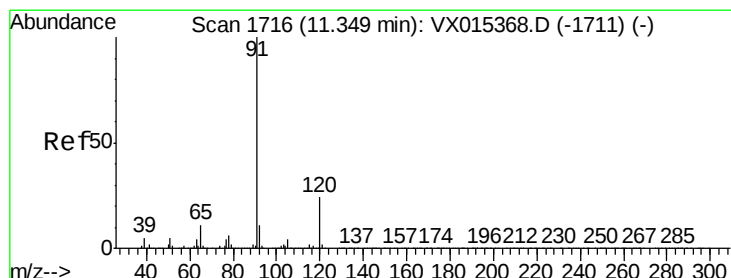
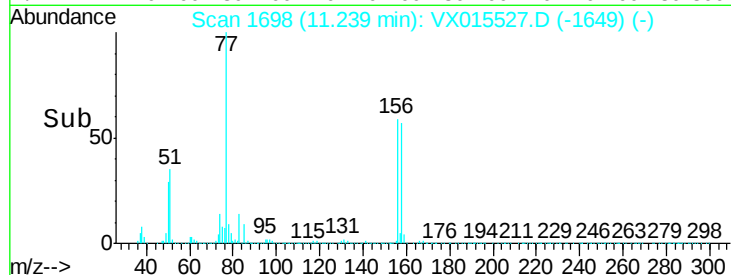
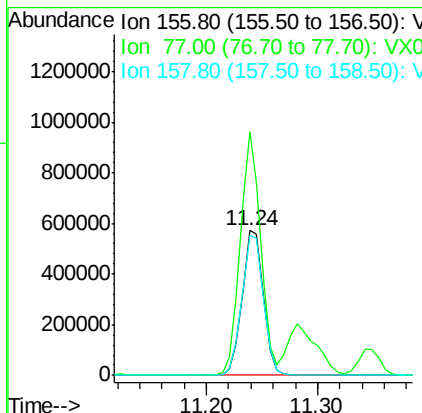
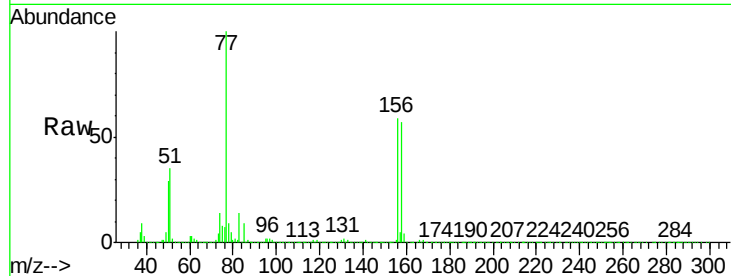
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	749185
Ion Ratio	Lower	Upper	
156	100		
77	162.4	82.2	246.5
158	98.9	49.3	147.9

Manual Integrations
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#78

n-propylbenzene

Concen: 49.149 ug/l

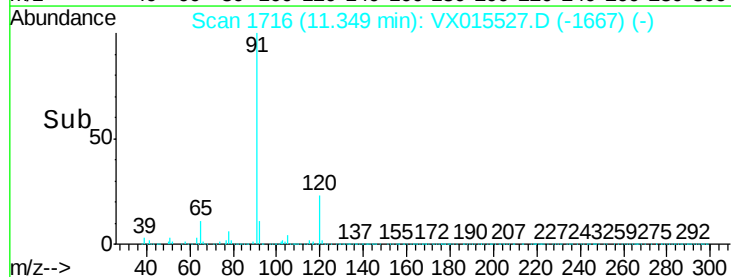
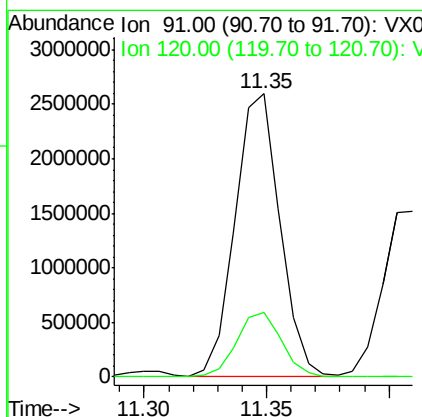
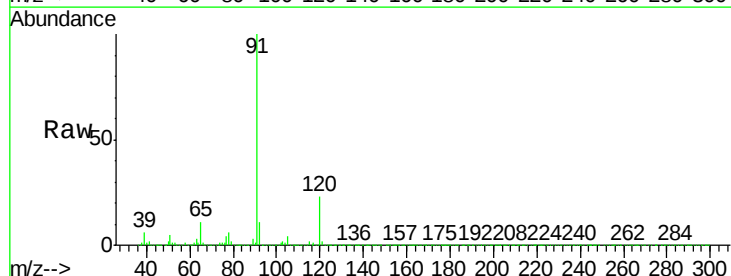
RT: 11.35 min Scan# 1716

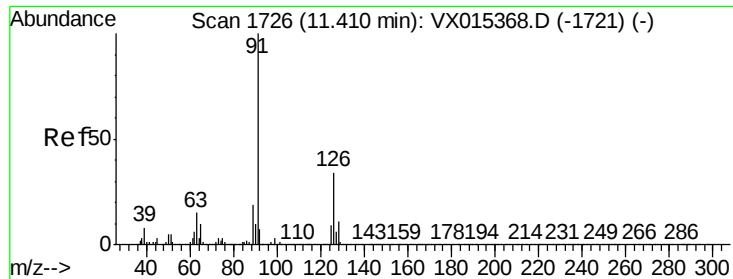
Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Tgt Ion:	91	Resp:	3282581
Ion Ratio	Lower	Upper	
91	100		
120	23.0	11.7	35.0





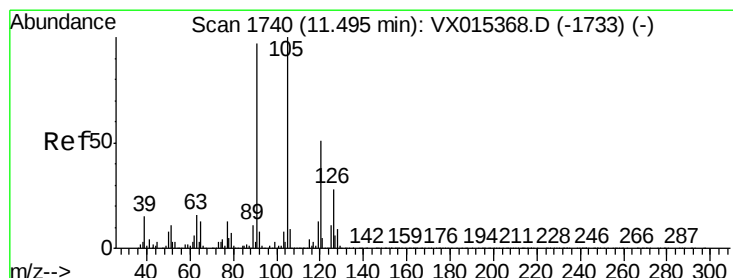
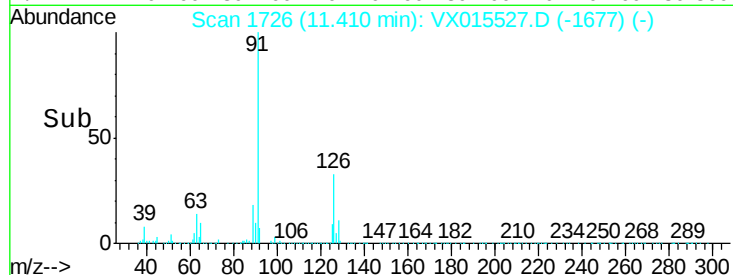
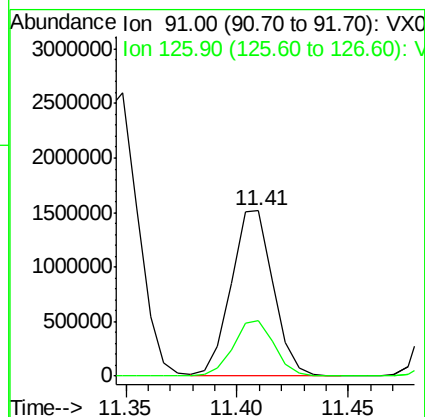
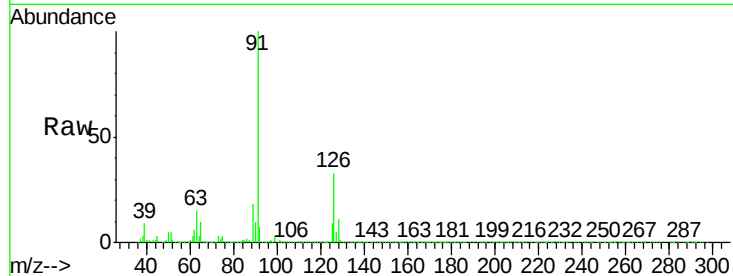
#79
 2-Chlorotoluene
 Concen: 48.635 ug/l
 RT: 11.41 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 91 Resp: 1990956
 Ion Ratio Lower Upper
 91 100
 126 32.8 16.5 49.5

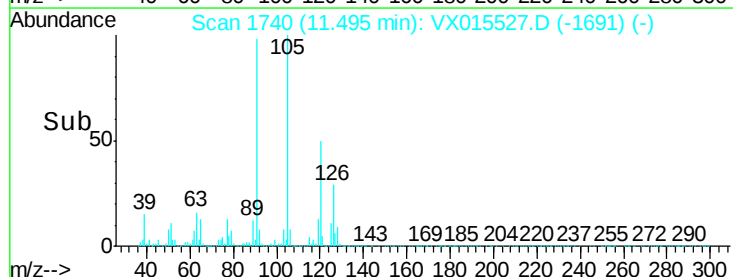
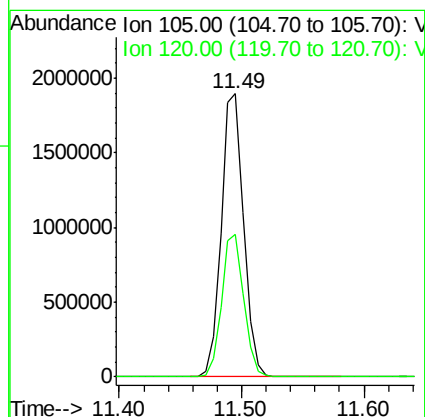
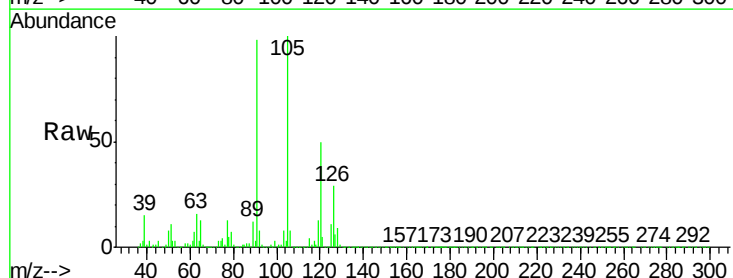
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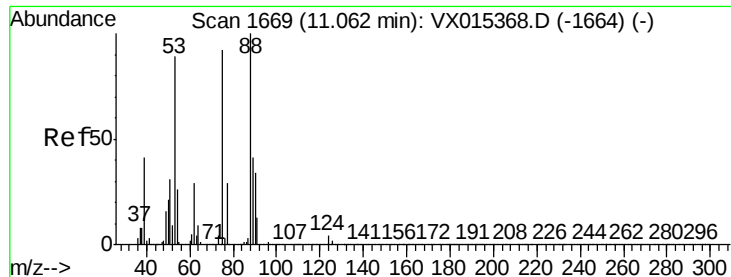
MMDadoda
 4/7/2020 11:58:41 AM



#80
 1,3,5-Trimethylbenzene
 Concen: 48.331 ug/l
 RT: 11.49 min Scan# 1740
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion: 105 Resp: 2410878
 Ion Ratio Lower Upper
 105 100
 120 49.8 24.8 74.4





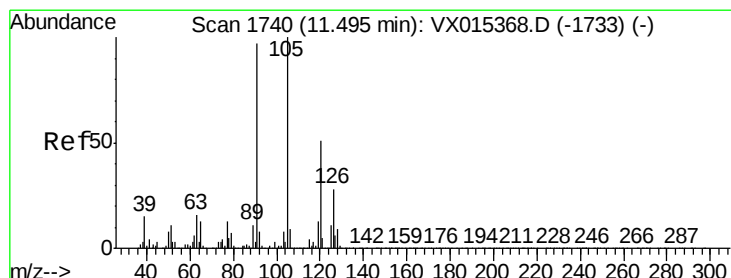
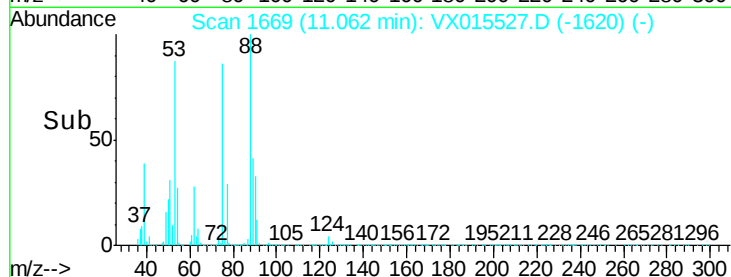
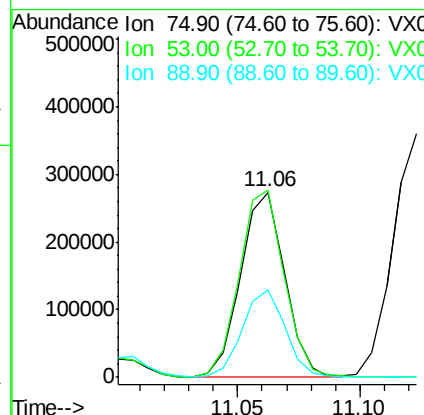
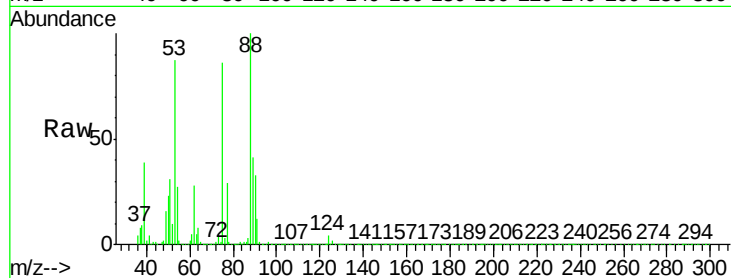
#81
trans-1,4-Dichloro-2-butene
Concen: 44.821 ug/l
RT: 11.06 min Scan# 1669
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	102.9	80.1	120.1
89	46.3	36.1	54.1

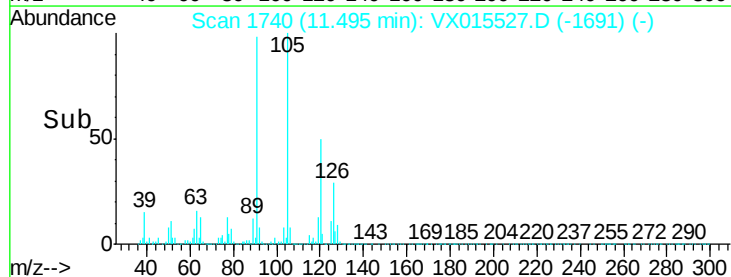
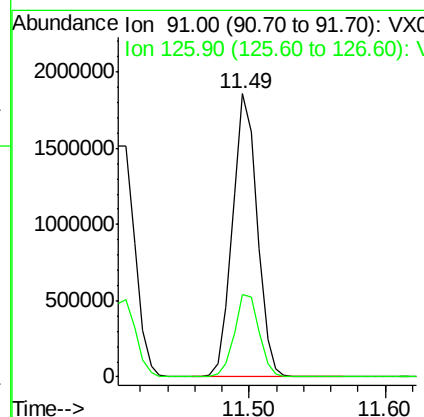
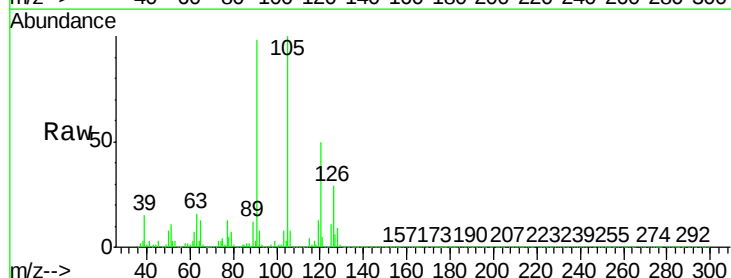
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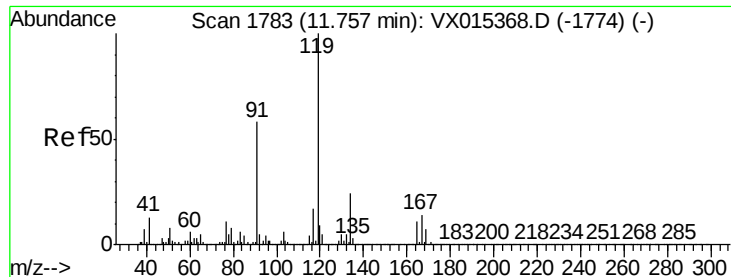
MMDadoda
4/7/2020 11:58:41 AM



#82
4-Chlorotoluene
Concen: 48.728 ug/l
RT: 11.49 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
91	100		
126	29.3	14.7	44.1





#83

tert-Butylbenzene

Concen: 48.904 ug/l

RT: 11.76 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX015527.D

Acq: 06 Apr 2020 20:43

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:119 Resp: 2382845

Ion Ratio Lower Upper

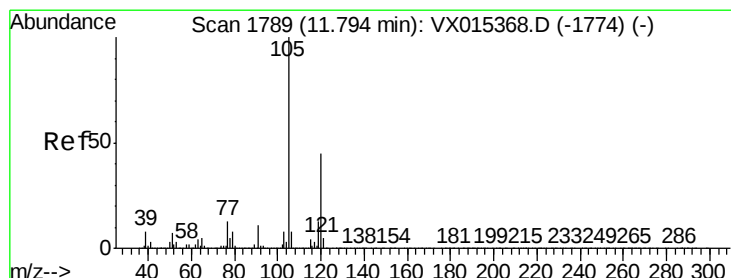
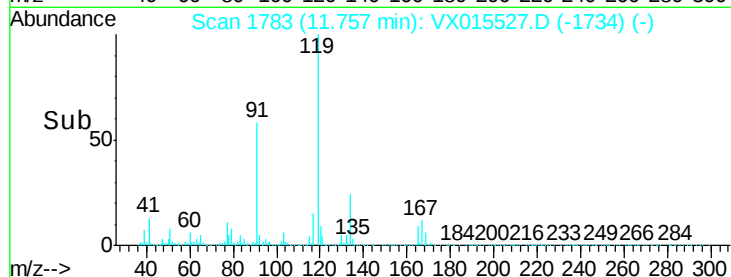
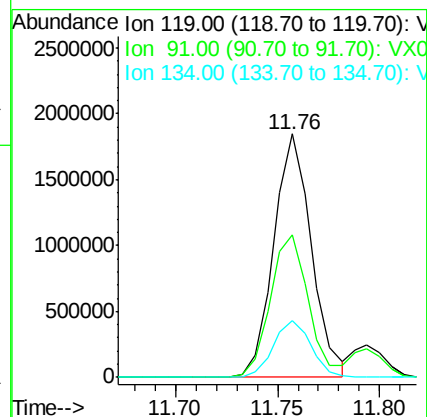
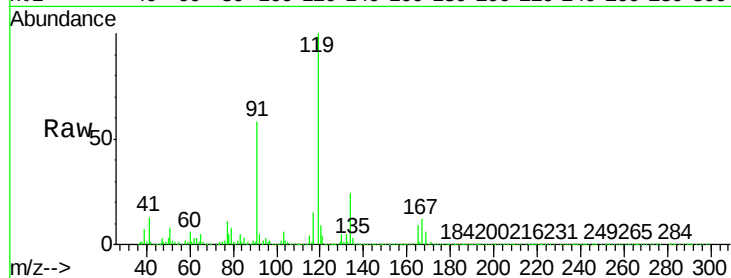
119 100

91 59.4 28.6 85.8

134 23.4 11.8 35.3

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 48.148 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX015527.D

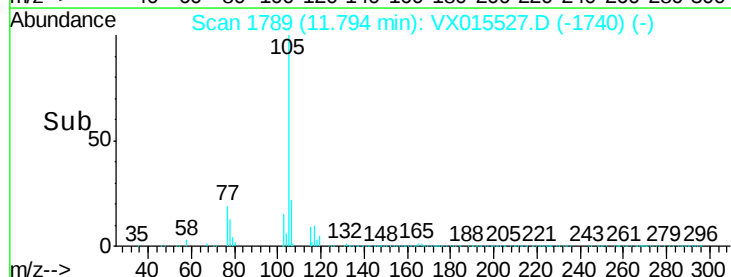
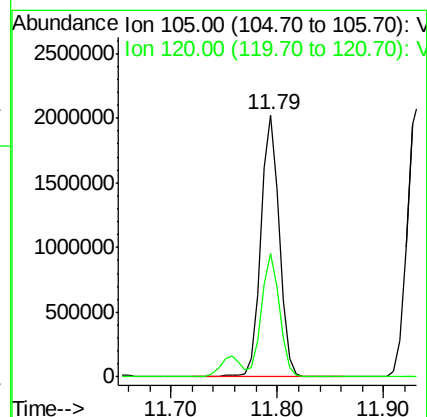
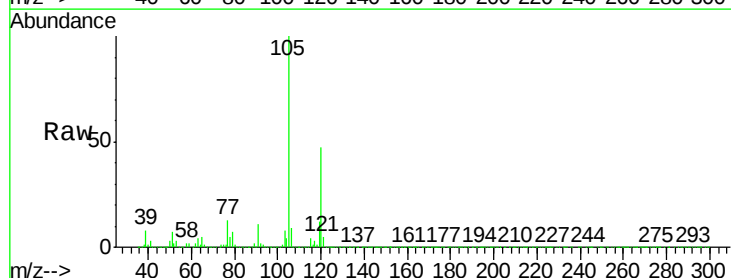
Acq: 06 Apr 2020 20:43

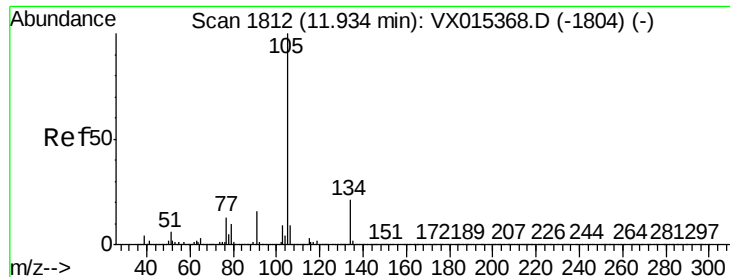
Tgt Ion:105 Resp: 2447485

Ion Ratio Lower Upper

105 100

120 46.0 22.7 68.1





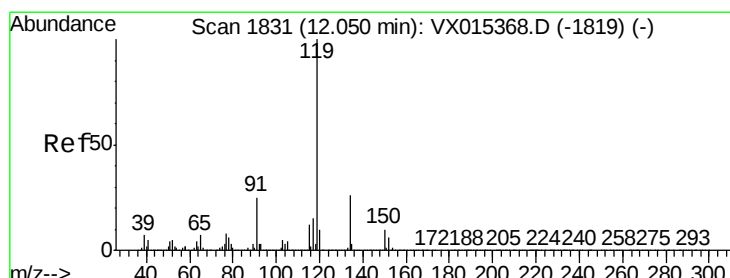
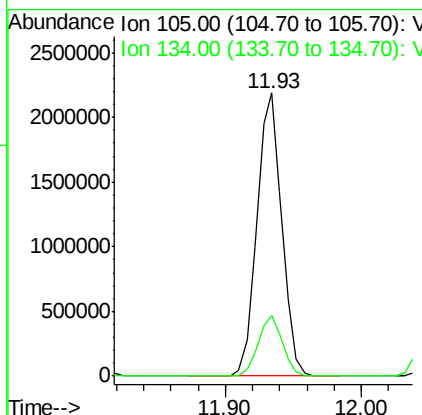
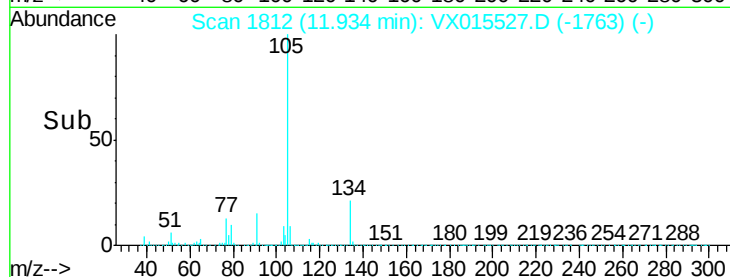
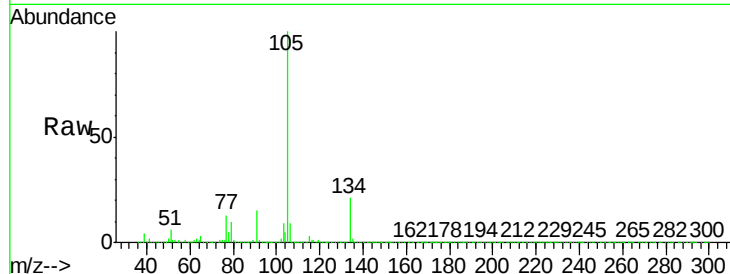
#85
 sec-Butylbenzene
 Concen: 49.566 ug/l
 RT: 11.93 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Tot Ion:105 Resp: 2793168
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

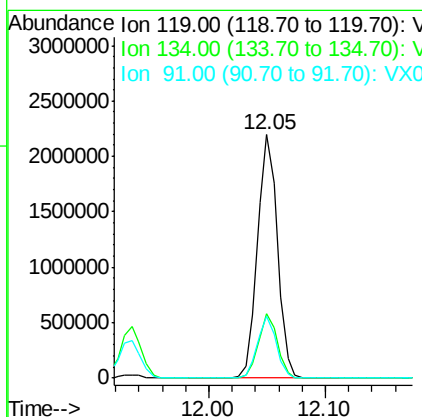
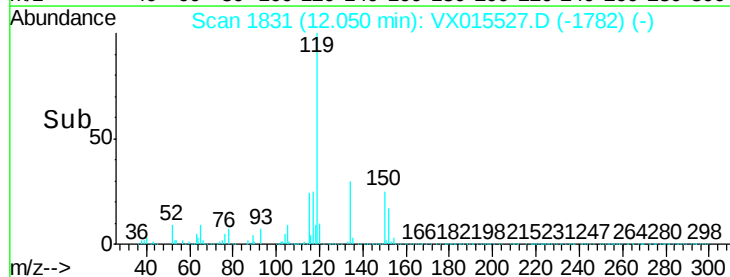
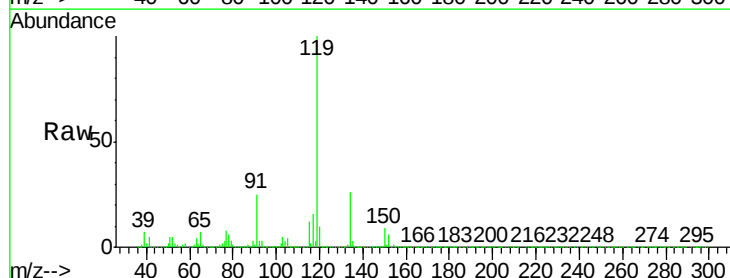
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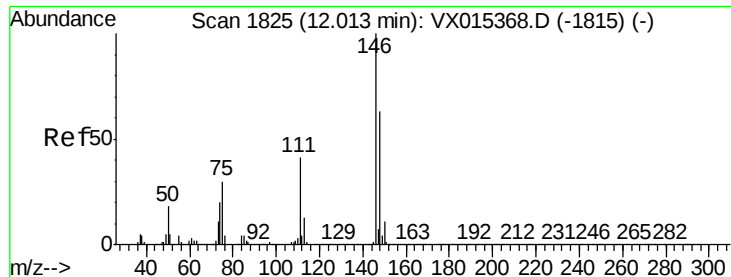
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#86
 p-Isopropyltoluene
 Concen: 50.295 ug/l
 RT: 12.05 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion:119 Resp: 2631161
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.1 39.3
 91 24.3 12.4 37.4





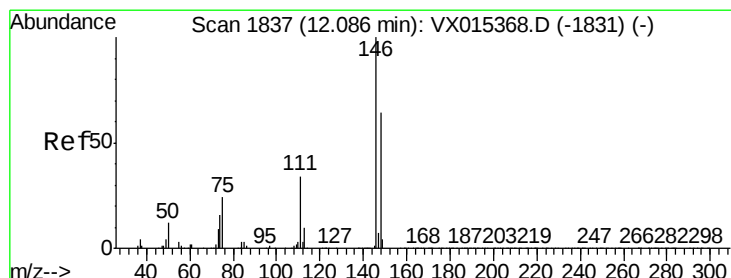
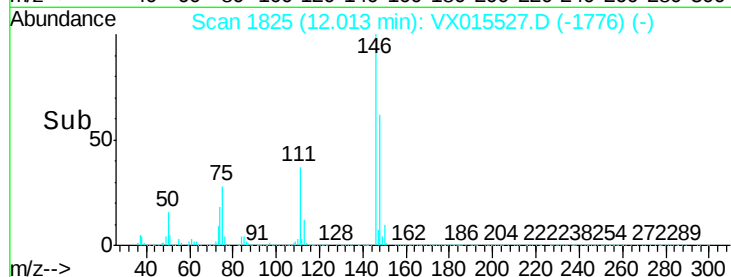
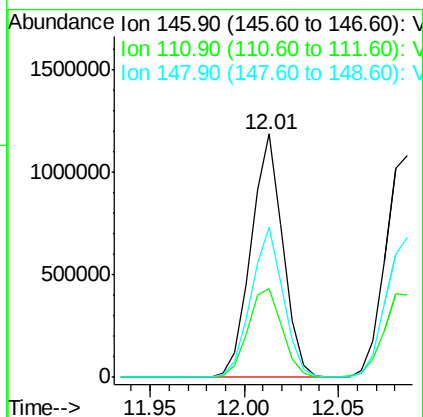
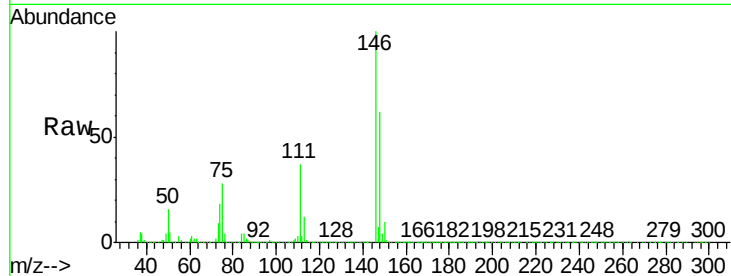
#87
 1,3-Dichlorobenzene
 Concen: 49.774 ug/l
 RT: 12.01 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.3	60.9
148	62.3	31.3	93.9

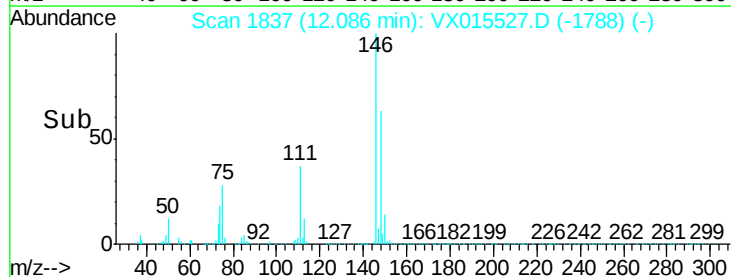
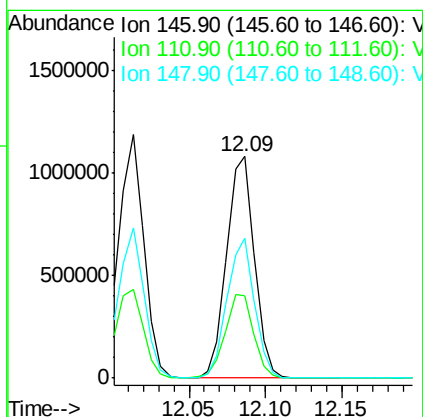
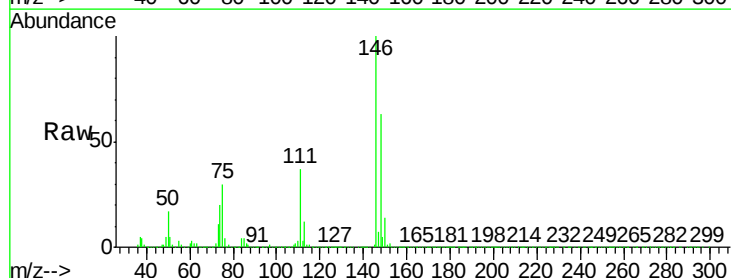
Manual Integrations
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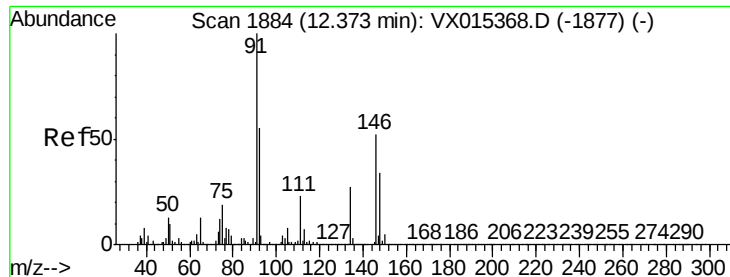
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#88
 1,4-Dichlorobenzene
 Concen: 47.950 ug/l
 RT: 12.09 min Scan# 1837
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	19.1	57.5
148	62.2	32.4	97.2





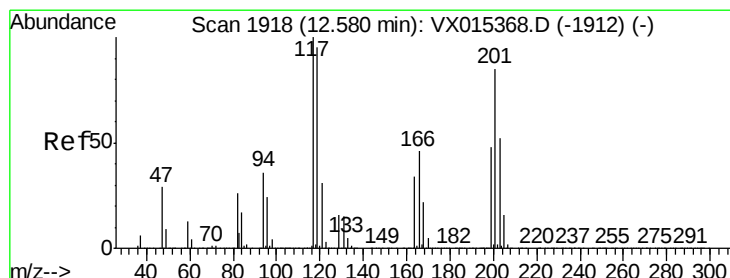
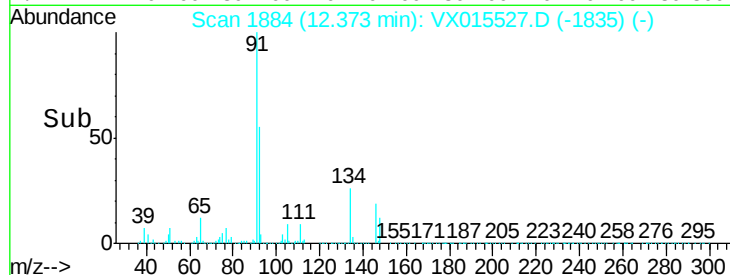
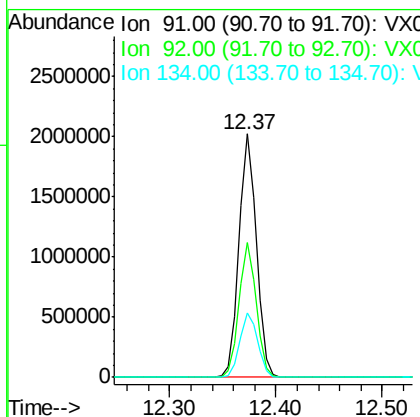
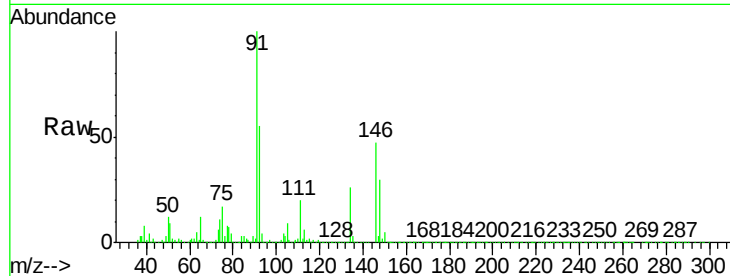
#89
n-Butylbenzene
Concen: 49.359 ug/l
RT: 12.37 min Scan# 1884
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 2333483
Ion Ratio Lower Upper
91 100
92 54.7 27.2 81.5
134 27.0 13.4 40.2

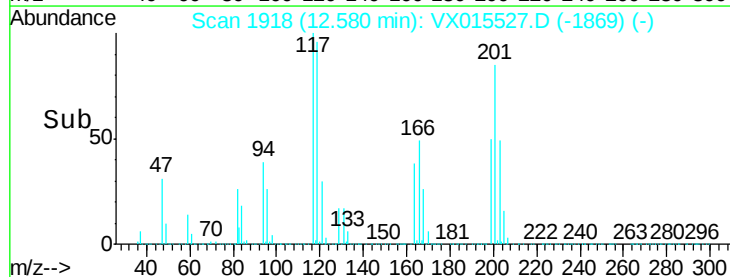
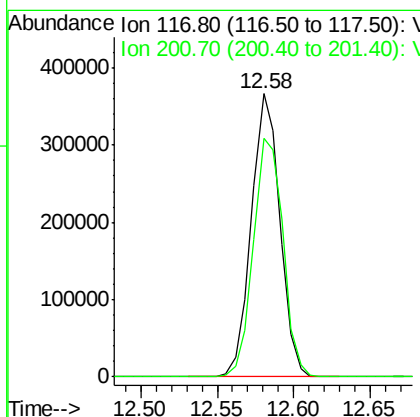
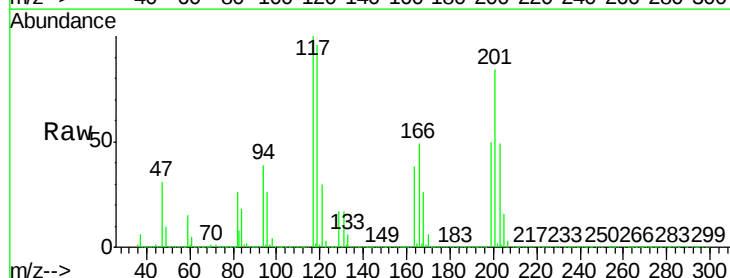
Manual Integrations
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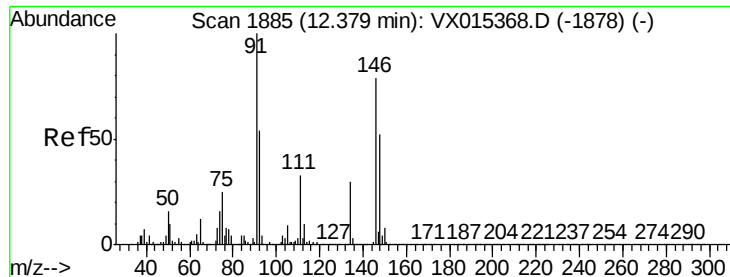
MMDadoda
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#90
Hexachloroethane
Concen: 46.693 ug/l
RT: 12.58 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion: 117 Resp: 475449
Ion Ratio Lower Upper
117 100
201 87.9 42.6 128.0





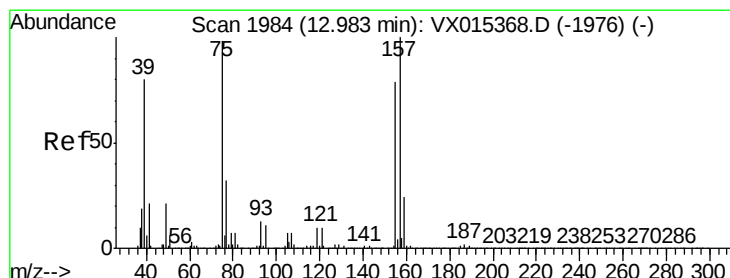
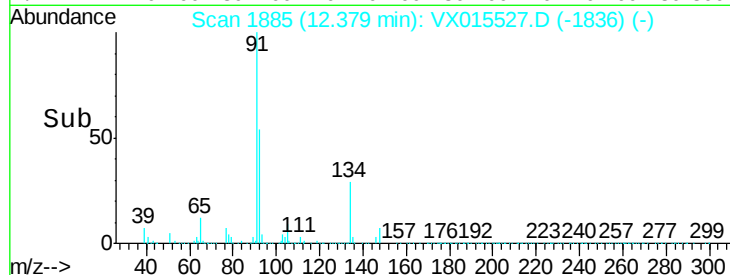
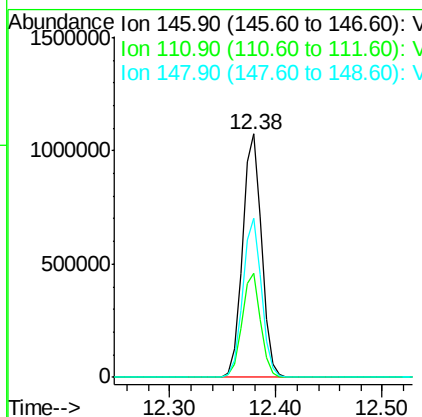
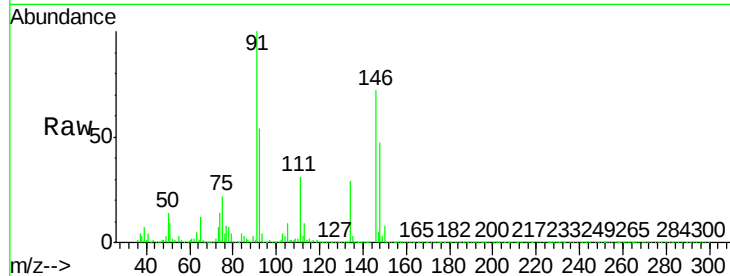
#91
 1,2-Dichlorobenzene
 Concen: 49.116 ug/l
 RT: 12.38 min Scan# 1885
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	21.0	63.0
148	64.3	32.4	97.0

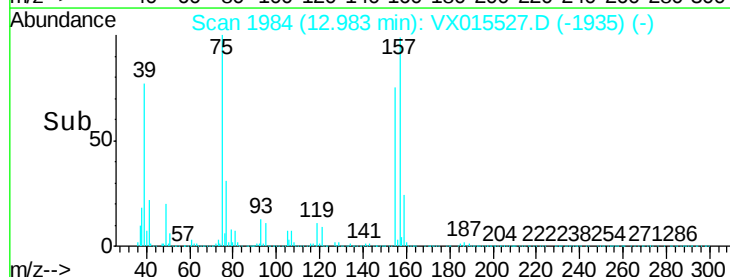
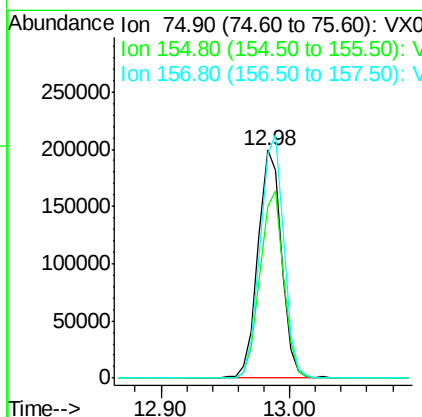
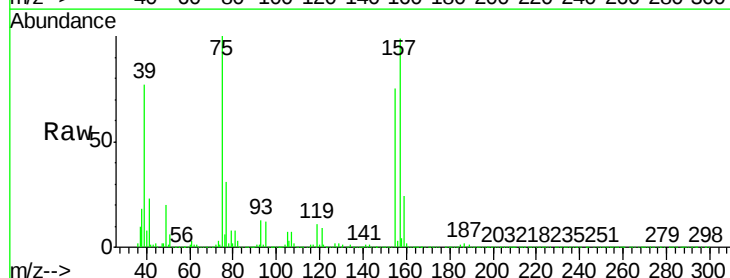
Manual Integrations
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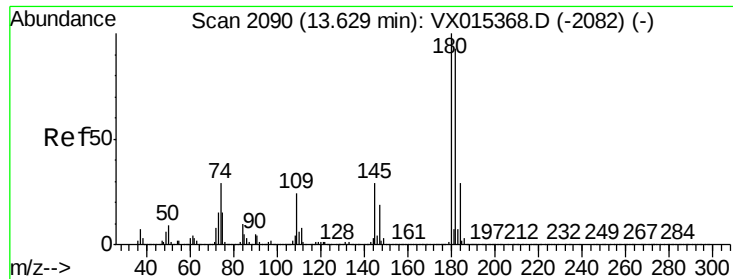
MMDadoda
 4/7/2020 11:58:41 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.927 ug/l
 RT: 12.98 min Scan# 1984
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
75	100		
155	82.5	42.8	128.4
157	107.2	53.4	160.3





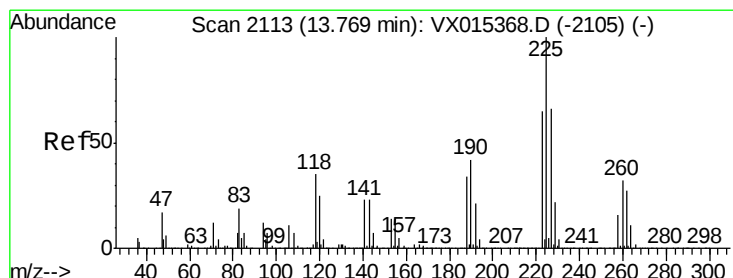
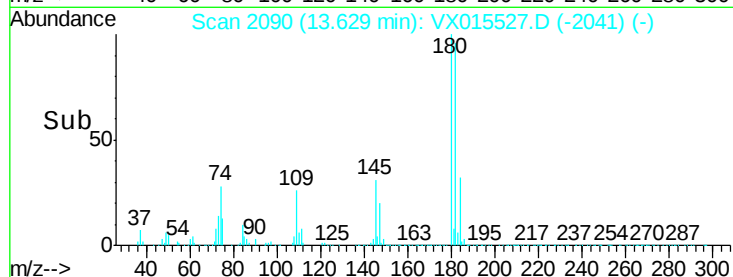
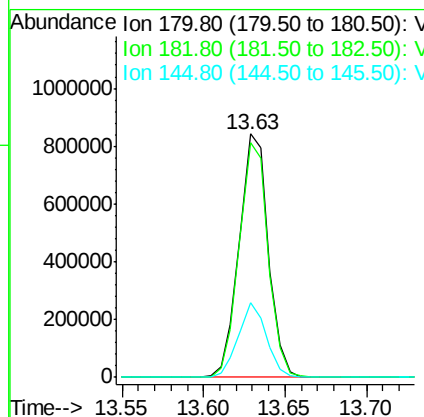
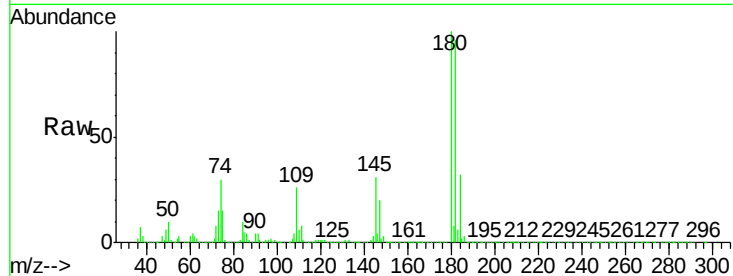
#93
 1,2,4-Trichlorobenzene
 Concen: 48.505 ug/l
 RT: 13.63 min Scan# 2090
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	46.9	140.7
145	29.3	14.9	44.5

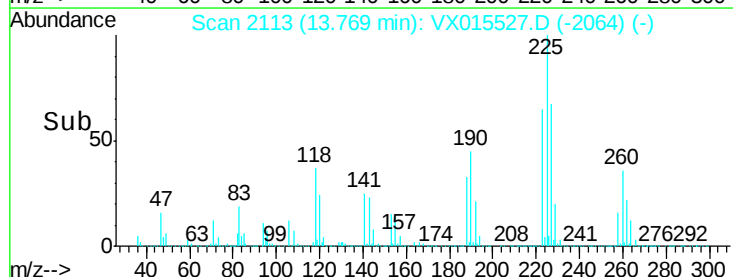
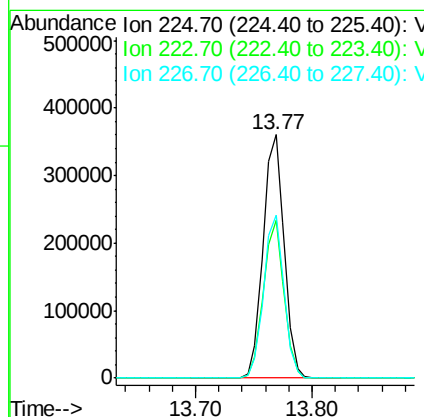
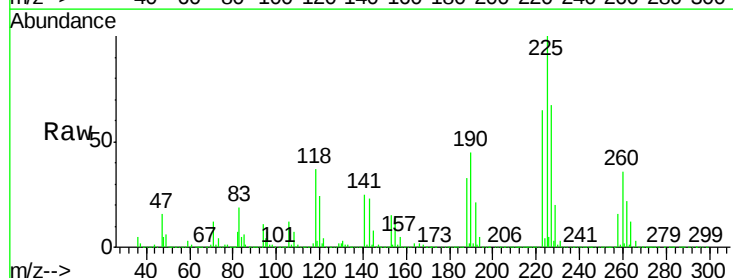
Manual Integrations
 APPROVED

MMDadoda
 4/7/2020 11:58:41 AM



#94
 Hexachlorobutadiene
 Concen: 43.951 ug/l
 RT: 13.77 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VX015527.D
 Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.9	95.7
227	65.1	30.4	91.3





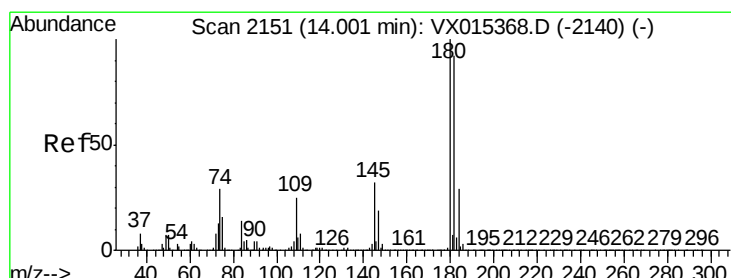
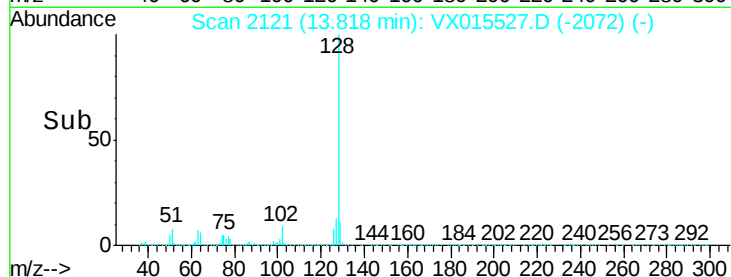
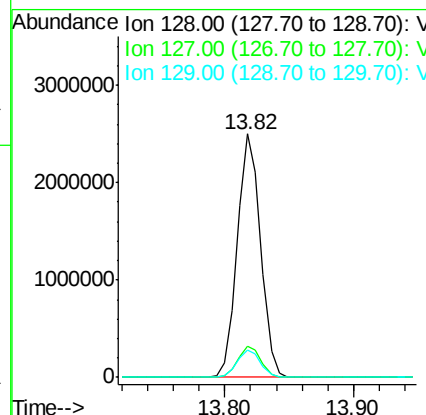
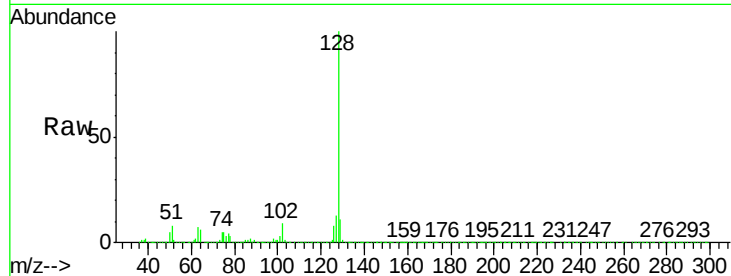
#95
Naphthalene
Concen: 47.892 ug/l
RT: 13.82 min Scan# 2121
Delta R.T. 0.00 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
4/7/2020 11:58:41 AM



#96
1,2,3-Trichlorobenzene
Concen: 49.644 ug/l
RT: 14.01 min Scan# 2152
Delta R.T. 0.01 min
Lab File: VX015527.D
Acq: 06 Apr 2020 20:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.2	46.7	140.0
145	31.0	15.8	47.3

